

California Academy of Sciences

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**ANNOTATED CHECKLISTS OF FISHES**

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Number 37

February 2004

**Family Pleuronectidae Cuvier 1816**

righteye flounders

By

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Righteye flounders, or pleuronectids, compose a large, speciose family of pleuronectiforms that differ from other members of the suborder Pleuronectoidei mainly by the position of both eyes on the right side of the head. This family includes halibuts, flounders, soles, turbot, dabs, and plaice but none of these names is restricted to any one taxonomic group, and the names are often used interchangeably for the same species. In most righteye flounders the pelvic fins are symmetrically placed, with one on each side of the median ridge. Dorsal fin origin above upper eye or in front of it. Pectoral fins present. No fin spines. No supramaxilla. No teeth on vomer or palatines. Preopercle edge free. Gill membranes fused in majority of species. Vertebrae 32–66. Ribs present. Egg usually without oil globules in yolk. Adults typically under 60 cm (23.6 in) in length. The greatest length recorded, 267 cm (8 ft 9 in), was attained by a female Pacific halibut, *Hippoglossus stenolepis*. Pleuronectids inhabit all oceans, occasionally are found in brackish water, and rarely enter fresh water.

The systematic status of several groups traditionally placed in the family Pleuronectidae (e.g., poecilopsettines, rhombosoleines, paralichthodines) is unsettled (Hensley and Ahlstrom 1984 [ref. 26815], Nelson 1994 [ref. 26204]). The subfamily Samarinae has been elevated to family based on cladistic analyses (Chapleau and Keast 1988 [ref. 12625], Chapleau 1993 [ref. 26822], Nelson 1994 [ref. 26204]). Sakamoto (1984 [ref. 5273]) revised the family on the basis of a detailed phenetic study. That revision synonymized several genera with *Pleuronectes*, obscuring the differences among the groups (Mecklenburg et al. 2002 [ref. 25968]). Lindberg and Fedorov (1993 [ref. 21500]) considered the same genera as subgenera of *Pleuronectes*. Robins et al. (1991 [ref. 14237]) and Kramer et al. (1995 [ref. 26825]) used the generic and species arrangement proposed by Sakamoto (1984 [ref. 5273]) in lists of fishes and guides to eastern North Pacific species. Monophyly of *Pleuronectes* (sensu Sakamoto, 1984 [ref. 5273]) was questioned by Chapleau (1993 [ref. 26822]), Nelson (1994 [ref. 26204]), and Rass (1996 [ref. 24656]). The first two authors emphasized the necessity for cladistic analysis of Pleuronectidae. Such an analysis of Pleuronectidae (sensu Chapleau and Keast 1988 [ref. 12625]) = (Pleuronectinae sensu Norman 1934 [ref. 6893]) was recently completed by Cooper and Chapleau (1998 [ref. 26711]). They made numerous changes in generic limits; however, their changes are not accepted here. Classification follows Nelson (1994 [ref. 26204]) in recognizing four subfamilies. Classification at the generic level also follows Nelson (1994) as the most stable. The Pleuronectidae is in need of further detailed cladistic studies to clarify the relationships of the subfamilies and species. Currently the family consists of forty genera with about 100 species.

The genus *Neoetropus*, containing only the type species, *N. macrops* Hildebrand & Schroeder 1928, was referred to the family Pleuronectidae by Norman (1934 [ref. 6893]), who supposed that it may belong

to the subfamily Poecilopsettinae; however, judging from the description of the holotype and its radiograph, it is a reversal specimen, probably of a species in the *Citharichthys–Etropus* group (Paralichthyidae).

### **Subfamily Paralichthodinae Regan 1920**

Body rather elongate, compressed. Dorsal fin extending forward on snout above nasal organ of blind side; most rays forked distally, scaled on their bases. Pelvic fins short-based, subequal, that of eyed side median and somewhat advanced. Lateral line equally developed on both sides of body. Mouth rather large; jaws and dentition about equally developed on both sides. Gill membranes separate. Vertebrae 30–31. Eyed side brownish gray with small, dark spots. A single genus with one species. Attains 50 cm in length. Marine, found at depths of 1–100 m. Apparently endemic to southern Africa. The genus *Paralichthodes* sometimes is placed in Pleuronectinae (Sakamoto 1984 [ref. 5273]) or Samarinae (Regan 1910 [ref. 26827]) or is classified as a separate subfamily (Regan 1929 [ref. 26828], Norman 1934 [ref. 6893], Hubbs 1945 [ref. 26824], Nelson 1994 [ref. 26204]) or family (e.g., Regan 1920 [ref. 3671], Cooper and Chapleau 1998 [ref. 23314]). The family-group name was proposed first by Regan (1920 [ref. 3671]) as a family, then later he reduced its rank to subfamily (Regan 1929 [ref. 26828]).

#### **Genus *Paralichthodes* Gilchrist 1902**

*Paralichthodes* Gilchrist 1902:108 [ref. 1644]. Type species *Paralichthodes algoensis* Gilchrist 1902. Type by monotypy.

#### ***Paralichthodes algoensis* Gilchrist 1902**

*Paralichthodes algoensis* Gilchrist 1902:108, Pl. 8 [ref. 1644] (Algoa Bay, South Africa). Holotype (unique): SAM 15341 [ex PEM].

DISTRIBUTION: Western Indian Ocean and eastern South Atlantic.

### **Subfamily Pleuronectinae Cuvier 1816**

Eyes and color always on right side of body, except in rare sinistral specimens of some species and in *Platichthys* species. Origin of dorsal fin above the eyes. Lateral line well developed on both sides of body. Gill membranes fused. Oil globules absent in eggs of all species except *Hypsopsetta guttulata* and *Pleuronichthys ritteri*. Other characters as given in Pleuronectidae synopsis. Twenty-seven genera with about 61 species. Benthic carnivores occupying shelf and slope habitats in arctic and northern seas. *Platichthys*, *Kareius*, and some species of *Liopsetta* and *Pleuronectes* enter brackish and fresh water. There are two tribes in Pleuronectinae, Hippoglossini and Pleuronectini, classified on the basis of jaw morphological characters (Li 1981 [ref. 26826]). They may not be monophyletic (Nelson 1994 [ref. 26204]) and have been reclassified by Cooper and Chapleau (1998 [ref. 26711]) into a number of tribes and subfamilies not accepted here. Sakamoto (1984 [ref. 5273]) in his revision of Pleuronectidae regrouped several pleuronectine genera (e.g., *Isopsetta*, *Lepidopsetta*, *Limanda*, *Liopsetta*, *Parophrys*, *Pseudopleuronectes* and *Pleuronectes*) under the genus *Pleuronectes*. A cladistic analysis of Pleuronectinae (sensu Norman 1934 [ref. 6893]) = Pleuronectidae (sensu Chapleau and Keast 1988 [ref. 12625]) conducted by Cooper and Chapleau (1998 [ref. 26711]) resulted in resurrection of the genera *Isopsetta*, *Lepidopsetta*, *Limanda*, *Parophrys*, and *Pseudopleuronectes* from the synonymy of *Pleuronectes* (sensu Sakamoto 1984 [ref. 5273]). Besides that, they reclassified the following genera: *Atheresthes* and *Reinhardtius* to *Reinhardtius*; *Errex*, *Glyptocephalus*, and *Tanakius* to *Glyptocephalus*; *Embassichthys* and *Microstomus* to *Microstomus*; *Hypsopsetta* and *Pleuronichthys* to *Pleuronichthys*; and *Kareius* and *Platichthys* to *Platichthys*. The revision of pleuronectines by Cooper and Chapleau (1998 [ref. 26711]) has been followed in an annotated list of fishes of Far Eastern seas (Boretz 2000 [ref. 26821]). However, I retain most of the just-mentioned genera (except *Errex*) as separate genera. The same nomenclatural decision was made by other authors for

the following genera reclassified by Cooper and Chapleau (1998 [ref. 26711]): *Atheresthes* (Evseenko 2000 [ref. 26823], Hoshino 2001 [ref. 25541]), *Hypsopsetta* (Evseenko 2003 [ref. 27298]), *Embassichthys* (Orr and Matarese 2000 [ref. 24744], Mecklenburg et al. 2002 [ref. 25968]), *Platichthys* (Voronina 1999 [ref. 24880]), and *Liopsetta* (Voronina and Evseenko 2001 [ref. 25618]).

**Genus *Acanthopsetta* Schmidt 1904**

*Acanthopsetta* Schmidt 1904:237 [ref. 3946]. Type species *Acanthopsetta nadeshnyi* Schmidt 1904. Type by monotypy.

***Acanthopsetta nadeshnyi* Schmidt 1904**

*Acanthopsetta nadeshnyi* Schmidt 1904:237, Pl. 5 (fig. 1) [ref. 3946] (Aniva Bay, Okhotsk Sea; Japan Sea: Amerika Bay and Peter the Great Bay, Primorye, Russia; Wonsan, Korea; 55–110 m). Syntypes: BMNH [ex ZIN 12340] (10; ZIN 12339–46 (1, 3 now 2, 7, 3, 1, 2, 8, 6+), 12764 (1), 13066 (1).

DISTRIBUTION: Western North Pacific.

**Genus *Atheresthes* Jordan & Gilbert 1880**

*Atheresthes* Jordan & Gilbert 1880:51 [ref. 2366]. Type species *Platysomatichthys stomias* Jordan & Gilbert 1880. Type by original designation (also monotypic).

***Atheresthes evermanni* Jordan & Starks 1904**

*Atheresthes evermanni* Jordan & Starks 1904:621, Pl. 5 (fig. 1) [ref. 2526] (Matsushima Bay, Japan). Holotype (unique): USNM 51490.

*Reinhardtius oleosus* Tanaka 1918:226 [ref. 17357] (Tokyo fish market, probably from Iwate [Ibaraki] Pref., Japan). Holotype (unique): ZUMT.

DISTRIBUTION: North Pacific.

***Atheresthes stomias* (Jordan & Gilbert 1880)**

*Platysomatichthys stomias* Jordan & Gilbert 1880:301 [ref. 10581] (just outside the Golden Gate Bridge (obtained at San Francisco market), California, U.S.A.). Holotype (unique): ?USNM 27186 (1 of 3).

DISTRIBUTION: North Pacific.

**Genus *Cleisthenes* Jordan & Starks 1904**

*Cleisthenes* Jordan & Starks 1904:622 [ref. 2526]. Type species *Cleisthenes pinetorum* Jordan & Starks 1904. Type by original designation (also monotypic).

*Protopsetta* Schmidt 1904:230 [ref. 3946]. Subgenus of *Hippoglossoides*. Type species *Hippoglossoides herzensteini* Schmidt 1904. Type by monotypy.

REMARKS: *Cleisthenes* Jordan & Starks 1904 sometimes is treated as a subgenus of *Hippoglossoides* Gottsche 1835.

***Cleisthenes herzensteini* (Schmidt 1904)**

*Hippoglossoides herzensteini* Schmidt 1904:229 [ref. 3946] (Mauka, w. Sakhalin I.; Peter the Great Bay, 55–63 m; and Wonsan, Korea, Japan Sea). Syntypes: ZIN 12361–65 (2, 1, 4, 1, 1).

DISTRIBUTION: Western North Pacific.

***Cleisthenes pinetorum* Jordan & Starks 1904**

*Cleisthenes pinetorum* Jordan & Starks 1904:622, Fig. [ref. 2526] (Kinkwazan I., Matsushima Bay, Japan). Holotype: USNM 51403.

DISTRIBUTION: Western North Pacific.

**Genus *Clidoderma* Bleeker 1862**

*Clidoderma* Bleeker 1862:425 [ref. 388]. Type species *Platessa asperrima* Temminck & Schlegel 1846. Type by monotypy.

***Clidoderma asperrimum* (Temminck & Schlegel 1846)**

*Platessa asperrima* Temminck & Schlegel 1846:177, Pl. 91 [ref. 4374] (Japan). Lectotype: RMNH D1338 (dry).

DISTRIBUTION: North Pacific.

**Genus *Dexistes* Jordan & Starks 1904**

*Dexistes* Jordan & Starks 1904:624 [ref. 2526]. Type species *Dexistes rikuzenius* Jordan & Starks 1904. Type by original designation (also monotypic).

*Araias* Jordan & Starks 1904:624 [ref. 2526]. Type species *Araias ariommus* Jordan & Starks 1904. Type by monotypy.

***Dexistes rikuzenius* Jordan & Starks 1904**

*Dexistes rikuzenius* Jordan & Starks 1904:624, Pl. 6 (fig. 1) [ref. 2526] (Matsushima Bay, Japan, Albatross sta. 3774, 84 fm). Holotype: USNM 51423.

*Araias ariommus* Jordan & Starks 1904:624, Pl. 6 (fig. 2) [ref. 2526] (Matsushima Bay, Japan, 42–45 fm). Holotype: USNM 51417.

DISTRIBUTION: Western North Pacific.

**Genus *Embassichthys* Jordan & Evermann 1896**

*Embassichthys* Jordan & Evermann 1896:506 [ref. 2442]. Type species *Cynicoglossus bathybius* Gilbert 1890. Type by original designation (also monotypic).

***Embassichthys bathybius* (Gilbert 1890)**

*Cynicoglossus bathybius* Gilbert 1890:123 [ref. 1623] (Santa Barbara Channel, off s. California, U.S.A., Albatross sta. 2980, 33°49'45"N, 119°24'30"W, 603 fm). Lectotype: USNM (not found).

DISTRIBUTION: North Pacific.

REMARKS: The lectotype was established by Jordan and Evermann (1898:2656 [ref. 2444]).

**Genus *Eopsetta* Jordan & Goss 1885**

*Eopsetta* Jordan & Goss in Jordan 1885:923 [135 of separate] [ref. 2385]. Subgenus of *Hippoglossoides*. Type species *Hippoglossoides jordani* Lockington 1879. Type by original designation (also monotypic).

*Xystrias* Jordan & Starks 1904:623 [ref. 2526]. Type species *Hippoglossus grigorjewi* Herzenstein 1890. Type by original designation (also monotypic).

***Eopsetta grigorjewi* (Herzenstein 1890)**

*Hippoglossus grigorjewi* Herzenstein 1890:134 [56 in n.s.] [ref. 18286] (Hakodate, Hokkaido, Japan). Holotype (unique): ZIN 8732.

*Verasper otakii* Jordan & Snyder 1900:378 [ref. 2502] (Tokyo, Japan). Holotype (unique): USNM 49396.

DISTRIBUTION: Western North Pacific.

***Eopsetta jordani* (Lockington 1879)**

*Hippoglossoides jordani* Lockington 1879:235 [ref. 20589] (San Francisco, California, U.S.A.). Syntypes: CAS (4, lost).

DISTRIBUTION: Eastern North Pacific.

**Genus *Glyptocephalus* Gottsche 1835**

*Glyptocephalus* Gottsche 1835:136, 156 [ref. 1862]. Type species *Pleuronectes saxicola* Faber 1828. Type by monotypy.

*Errex* Jordan 1919:343 [ref. 2413]. Type species *Glyptocephalus zachirus* Lockington 1879. Type by original designation (also monotypic).

***Glyptocephalus cynoglossus* (Linnaeus 1758)**

*Pleuronectes cynoglossus* Linnaeus 1758:269 [ref. 2787] (Belgium). Syntypes: BMNH 1853.11.12.126 [Gronovius coll.] (1, skin).

*Pleuronectes saxicola* Faber 1828:244 [ref. 18075] (Denmark). No types known.

*Pleuronectes nigromanus* Nilsson 1829:401 [ref. 18475] (North Sea). No types known.

*Platessa elongata* Yarrell 1839:33 [ref. 17748] (Stoford, Bridgewater Bay, England). Holotype (unique): whereabouts unknown (dry specimen).

*Glyptocephalus acadianus* Gill 1873–74:362 [ref. 17659] (Eastport, Maine, U.S.A.). Holotype (unique): USNM 12685.

DISTRIBUTION: North Atlantic.

***Glyptocephalus stelleri* (Schmidt 1904)**

*Microstomus stelleri* Schmidt 1904:247 [ref. 3946] (Aniva Bay, Okhotsk Sea; Japan Sea from Tatar Strait to Wonsan, Korea; about 50–80 m). Syntypes: ZIN 12347 (6), 12349–52 (3, 1, 2, 2), 12437 (1), 13069–70 (1, 1).

*Glyptocephalus ostroumowi* Pavlenko 1910:59, Figs. 13a, b [ref. 3393] (Peter the Great Bay, Russia, Japan Sea, 245–280 ft [35–40 Russian fm]). Syntypes: (5) whereabouts unknown.

*Glyptocephalus sasae* Snyder 1911:548 [ref. 4152] (Otaru market, Hokkaido, Japan). Holotype: USNM 68246.

*Microstomus hireguro* Tanaka 1916:67 [ref. 15075] (Obama, Fukui Pref., Japan). Syntypes: ZUMT 6987–89 (3, lost).

DISTRIBUTION: North Pacific.

***Glyptocephalus zachirus* Lockington 1879**

*Glyptocephalus zachirus* Lockington 1879:88 [ref. 17560] (markets of San Francisco, California, U.S.A.). Syntypes: CAS (6, lost).

DISTRIBUTION: North Pacific.

**Genus *Hippoglossoides* Gottsche 1835**

*Hippoglossoides* Gottsche 1835:164, 168 [ref. 1862]. Type species *Hippoglossoides limanda* Gottsche 1835. Type by monotypy.

*Citharus* Reinhardt 1837:116, 130 [ref. 3691]. Type species *Pleuronectes platessoides* Fabricius 1780. Type by subsequent designation.

*Drepanopsetta* Gill 1861:50 [ref. 1766]. Type species *Pleuronectes platessoides* Fabricius 1780. Type by monotypy.

*Pomatopsetta* Gill 1864:216 [ref. 1704]. Type species *Platessa dentata* Storer 1839. Type by monotypy.

*Cynopsetta* Jordan & Starks (ex Schmidt) 1906:188 [ref. 2531]. Type species *Hippoglossoides dubius* Schmidt 1904. Type by monotypy.

***Hippoglossoides dubius* Schmidt 1904**

*Hippoglossoides dubius* Schmidt 1904:227, Pl. 6 (fig. 1) [ref. 3946] (Mauka, w. Sakhalin I., Japan Sea, 46–47 Russian fm; Aniva Bay, s. Sakhalin I., Okhotsk Sea, 29 Russian fm). Syntypes: ZIN 12366–67 (1, 1).

*Hippoglossoides katakurae* Snyder 1911:546 [ref. 4152] (Otaru, Japan). Holotype (unique): USNM 68244.

DISTRIBUTION: Northwest Pacific.

***Hippoglossoides elassodon* Jordan & Gilbert 1880**

*Hippoglossoides elassodon* Jordan & Gilbert 1880:278 [ref. 10580] (Seattle and Tacoma, Washington, U.S.A.). Syntypes: (about 20) MCZ 35950 [ex USNM 27263] (1); MNHN A-3349 (1); NMW 43866 (1); USNM 27263 (now 7); UMMZ 162066 [ex USNM 27263] (1); ZMUC [ex USNM 27263] (?).

DISTRIBUTION: North Pacific.

***Hippoglossoides platessoides* (Fabricius 1780)**

*Pleuronectes platessoides* Fabricius 1780:164 [ref. 17464] (North Seas). No types known.

*Pleuronectes limandoides* Bloch 1787:24, Pl. 186 [ref. 468] (e. Atlantic). Lectotype: whereabouts unknown.

DISTRIBUTION: North Atlantic.

REMARKS: This species is split into two subspecies: *Hippoglossoides platessoides platessoides* (Fabricius 1780) from the northwestern Atlantic and *H. p. limandoides* (Bloch 1787) from the northeastern Atlantic.

***Hippoglossoides robustus* Gill & Townsend 1897**

*Hippoglossoides robustus* Gill & Townsend 1897:234 [ref. 1749] (Bering Sea, Albatross sta. 3541, 56°14'N, 164°08'W, 49 fm). Holotype (unique): USNM 48766.

*Hippoglossoides hamiltoni* Jordan & Gilbert in Jordan & Evermann 1898:2616 [ref. 2445] (off Dalnoi Point, Kamchatka, Russia, Albatross sta. 3641, 52°58'00"N, 158°36'00"E, 16 fm). Holotype (unique): SU 5769.

*Hippoglossoides propinquus* Hubbs 1915:469, Pl. 26 (fig. 5) [ref. 2224] (Aniva Bay, Sakhalin I., Albatross sta. 5005, 46°04'40"N, 142°27'30"E, 42–43 fm). Holotype: USNM 75667.

DISTRIBUTION: North Pacific.

**Genus *Hippoglossus* Cuvier 1816**

*Hippoglossus* Cuvier 1816:221 [ref. 993]. Type species *Pleuronectes hippoglossus* Linnaeus 1758. Type by absolute tautonymy.

***Hippoglossus hippoglossus* (Linnaeus 1758)**

*Pleuronectes hippoglossus* Linnaeus 1758:269 [ref. 2787] (European seas). Syntypes: BMNH 1853.11.12.127 [Gronovius coll.] (1, skin).

*Hippoglossus vulgaris* Fleming 1828:199 [ref. 1339] (rivers and estuaries of England).

*Hippoglossus maximus* Gottsche 1835:164 [ref. 1862] (European seas). Syntypes: BMNH 1853.11.12.127 [Gronovius coll.] (1, skin).

*Hippoglossus gigas* Swainson 1839:302 [ref. 4303] (no locality stated). No types known.

*Hippoglossus americanus* Gill 1864:220 [ref. 1704] (e. coast of North America). No types known.

*Hippoglossus linnei* Malm 1877:508 [ref. 2881] (European seas). Syntypes: BMNH 1853.11.12.127 [Gronovius coll.] (1, skin).

DISTRIBUTION: North Atlantic.

REMARKS: *Hippoglossus vulgaris* Fleming is based in part on *Pleuronectes hippoglossus* Linnaeus 1758. *Hippoglossus maximus* and *H. linnei* are regarded as unneeded new names for *Pleuronectes hippoglossus* Linnaeus 1758 (to avoid “Strickland tautonymy”).

***Hippoglossus stenolepis* Schmidt 1904**

*Hippoglossus stenolepis* Schmidt 1904:224, Fig. 15 [ref. 3946] (Aniva Bay, s. Sakhalin I., Okhotsk Sea). Holotype (unique): ZIN 12588.

*Hippoglossus hippoglossus camtchaticus* Rendahl 1931:61 [ref. 16326] (Kamtchatka, Russia, nw. Pacific). Holotype (unique): NRM 10104.

DISTRIBUTION: North Pacific.

**Genus *Hypsopsetta* Gill 1862**

*Hypsopsetta* Gill 1862:330 [ref. 1668]. Type species *Pleuronichthys guttulatus* Girard 1856. Type by monotypy.

***Hypsopsetta guttulata* (Girard 1856)**

*Pleuronichthys guttulatus* Girard 1856:137 [ref. 1809] (Tomales Bay, California, U.S.A.). Syntypes: whereabouts unknown.

*Parophrys ayresii* Günther 1862:456 [ref. 1969] (San Francisco, California, U.S.A.). Holotype (unique): BMNH 1862.8.16.1.

DISTRIBUTION: Eastern Pacific.

***Hypsopsetta macrocephala* Breder 1936**

*Hypsopsetta macrocephala* Breder 1936:4, Fig. 1 [ref. 13685] (San Francisquito Bay, Gulf of California, Mexico). Holotype (unique): YPM 809.

DISTRIBUTION: Eastern Pacific: San Francisquito Bay, Gulf of California.

REMARKS: *Hypsopsetta macrocephala* Breder 1936 is recognized provisionally as a valid species; however, its taxonomic status requires further study.

**Genus *Isopsetta* Lockington 1883**

*Isopsetta* Lockington in Jordan & Gilbert 1883:832 [ref. 2476]. Type species *Lepidopsetta isolepis* Lockington 1880. Type by original designation (also monotypic).

***Isopsetta isolepis* (Lockington 1880)**

*Lepidopsetta isolepis* Lockington 1880:325 [ref. 17554] (San Francisco market, California, U.S.A.). Syntypes: ANSP 8872 (1); ZMUB 1191 [ex USNM 26982] (1); USNM 26982 (orig. 6, now 3), 27116 (3).

DISTRIBUTION: Eastern North Pacific.

**Genus *Kareius* Jordan & Snyder 1900**

*Kareius* Jordan & Snyder 1900:379 [ref. 2502]. Type species *Pleuronectes scutifer* Steindachner 1870. Type by original designation (also monotypic).

***Kareius bicoloratus* (Basilewsky 1855)**

*Platessa bicolorata* Basilewsky 1855:260 [ref. 200] (Shantung, China). Holotype or syntypes: ZIN 6354 (1, lost).

*Pleuronectes scutifer* Steindachner 1870:628 [6 of separate], Pl. 2 [ref. 4218] (Chefoo, Shantung Prov., China). Holotype (unique): NMW 42671.

DISTRIBUTION: Western North Pacific.

REMARKS: It is not clear whether the original description of *Platessa bicolorata* Basilewsky 1855 [ref. 200] was based on more than one type specimen. The date of publication requires additional research; it could be between 1852 and 1855.

**Genus *Lepidopsetta* Gill 1862**

*Lepidopsetta* Gill 1862:330 [ref. 1668]. Type species *Platichthys umbrosus* Girard 1856. Type by monotypy.

***Lepidopsetta bilineata* (Ayres 1855)**

*Platessa bilineata* Ayres 1855:[2] col. 5 [ref. 13428] (Gulf of the Farallones, off San Francisco, California, U.S.A.). Neotype: CAS 42650.

*Platichthys umbrosus* Girard 1856:136 [ref. 1809] (Cape Flattery, Washington, U.S.A.). Holotype (unique): apparently lost.

*Pleuronectes perarcuatus* Cope 1873:32 [9 of separate] [ref. 929] (Alaska, U.S.A.). Holotype (unique): ANSP 8725.

DISTRIBUTION: North Pacific.

REMARKS: The neotype of *Platessa bilineata* Ayres was selected by Orr and Matarese (2000: 561, 567 [ref. 24744]).

***Lepidopsetta mochigarei* Snyder 1911**

*Lepidopsetta mochigarei* Snyder 1911:547 [ref. 4152] (Otaru, Hokkaido, Japan). Holotype: USNM 68245.

DISTRIBUTION: Western North Pacific.

***Lepidopsetta polyxystra* Orr & Matarese 2000**

*Lepidopsetta polyxystra* Orr & Matarese 2000:571, Figs. 21–23 [ref. 24744] (Constantine Harbor, Amchitka I., Aleutian Is., Alaska, U.S.A., 19–42 m). Holotype: UW 014826.

DISTRIBUTION: North Pacific.

**Genus *Limanda* Gottsche 1835**

*Limanda* Gottsche 1835:136, 160 [ref. 1862]. Type species *Limanda vulgaris* Gottsche 1835. Type by monotypy.

*Myzopsetta* Gill 1861:51 [ref. 1766]. Type species *Platessa ferruginea* Storer 1839. Type by subsequent designation.

***Limanda aspera* (Pallas 1814)**

*Pleuronectes asper* Pallas 1814:425 [ref. 3351] (sea between Kamchatka, Russia and Alaska, U.S.A.). Syntypes: ZMB 7414 (1).

*Limanda asprella* Hubbs 1915:482, Pl. 27 (fig. 7) [ref. 2224] (market of Korsakov, Aniva Bay, Sakhalin I., west of Okhotsk Sea). Holotype (unique): USNM 75668.

DISTRIBUTION: Northern North Pacific.

***Limanda ferruginea* (Storer 1839)**

*Platessa ferruginea* Storer 1839:477 [141], Pl. 7 [Pl. 2] [ref. 4278] (Cape Ann, Massachusetts, U.S.A.). Holotype (unique): whereabouts unknown.

DISTRIBUTION: Western North Atlantic.

***Limanda limanda* (Linnaeus 1758)**

*Pleuronectes limanda* Linnaeus 1758:270 [ref. 2787] (European seas). No types known.

*Pleuronectes limandula* Bonnaterre 1788:75 [ref. 4940] (“Ocean”). Holotype (unique): whereabouts unknown.

*Limanda vulgaris* Gottsche 1835:160 [ref. 1862]. (European seas). No types known.

*Limanda oceanica* Bonaparte 1846:48 [ref. 519] (“Ocean”). No types known.

DISTRIBUTION: Eastern North Atlantic and seas of northern Europe.

***Limanda proboscidea* Gilbert 1896**

*Limanda proboscidea* Gilbert 1896:460, Pl. 33 [ref. 1628] (Bristol Bay, Alaska, U.S.A., 11.5–21 fm).  
Syntypes (incl. potential lectotype): BMNH 1896.7.23.232 [ex USNM] (1); MCZ 28220 (1);  
SU 3087 (1), 3089 (2), 5429 (1); USNM 48629 (1), 64131 (1); ZMUO J1861 (1).

DISTRIBUTION: North Pacific.

***Limanda punctatissimus* (Steindachner 1879)**

*Hippoglossoides* (*Hippoglossina*) *punctatissimus* Steindachner 1879:167 [49 of separate] [ref. 4229] (Hakodate, Hokkaido, Japan). Holotype (unique): NMW 43879.

*Limanda iridorum* Jordan & Starks 1906:206, Fig. 14 [ref. 2532] (Mororan [Muroan], Japan).  
Holotype: USNM 55644 (not found in 1980 or in 56366).

DISTRIBUTION: Western North Pacific.

***Limanda sakhalinensis* Hubbs 1915**

*Limanda sakhalinensis* Hubbs 1915:480, Pl. 26 (fig. 6) [ref. 2224] (Aniva Bay, Sakhalin I., w. Okhotsk Sea, Albatross sta. 5013, 43 fm). Holotype: USNM 75674.

*Limanda korigarei* Hubbs 1915:483, Pl. 27 (fig. 8) [ref. 2224] (Aniva Bay, Sakhalin I., w. Okhotsk Sea, Albatross sta. 5008, 40 fm). Holotype: USNM 75669.

DISTRIBUTION: Western North Pacific.

**Genus *Liopsetta* Gill 1864**

*Liopsetta* Gill 1864:217 [ref. 1704]. Type species *Platessa glabra* Storer 1843. Type by original designation.

*Euchalarodus* Gill 1864:216 [ref. 1704]. Type species *Euchalarodus putnami* Gill 1864. Type by monotypy.

***Liopsetta glacialis* (Pallas 1776)**

*Pleuronectes glacialis* Pallas 1776:706 [ref. 18509] (Arctic Ocean, Kara Bay). No types known.

*Pleuronectes cicatricosus* Pallas 1814:424 [ref. 3351] (sea between Kamchatka, Russia and Alaska, U.S.A.). No types known.

*Platessa dwinensis* Lilljeborg 1851:5 [ref. 17538] (mouth of R. Dvina [Dwina], Arkhangelski Oblast, Russia). No types known.

*Pleuronectes franklinii* Günther 1862:442 [ref. 1969] (Arctic seas of America). Syntypes: BMNH uncat. (1, 1).

*Pleuronectes glacialis natio caninensis* Suvorov 1929:119 [ref. 19829] (Cheshskaya [Chosha] Bay, s. Barents Sea, Russia). Syntypes: (19) not at ZIN.

*Liopsetta glacialis knipowitschi* Essipov 1939:171, Fig. 2 [ref. 21768] (Gulf of Ob at Cape Drovnyani, 72°25'N, 72°45'E, Siberia, Arctic Ocean). No types known.

DISTRIBUTION: Eastern North Atlantic through Arctic to North Pacific.

***Liopsetta pinnifasciata* (Kner 1870)**

*Pleuronectes pinnifasciatus* Kner in Steindachner & Kner 1870:422 [2 of separate], Pl. 1 (fig. 1) [ref. 4250] (Decastris [De Kastri] Bay, Tatar Strait, n. Japan Sea). Holotype (unique): NMW [ex Mus. Godeffroy 5583].

DISTRIBUTION: Western North Pacific.

***Liopsetta putnami* (Gill 1864)**

*Euchalarodus putnami* Gill 1864:216 [ref. 1704] (harbor of Salem, Massachusetts, U.S.A.).  
Syntypes: USNM 5368 (2).

DISTRIBUTION: Western North Atlantic off North America.

**Genus *Lyopsetta* Jordan & Goss 1885**

*Lyopsetta* Jordan & Goss in Jordan 1885:923 [135] [ref. 2385]. Subgenus of *Hippoglossoides*. Type species *Hippoglossoides exilis* Jordan & Gilbert 1880. Type by original designation (also monotypic).

***Lyopsetta exilis* (Jordan & Gilbert 1880)**

*Hippoglossoides exilis* Jordan & Gilbert 1880:154 [ref. 10584] (between the Golden Gate Bridge and Point Reyes, California, U.S.A.). Syntypes: (upwards of 100) ANSP 8721 (1); MCZ 35946 [ex USNM 27121] (1); MNHN A-3307 (1); MSNG 8332 (1); MTD F141 [ex USNM] (1); USNM 27061 (2, not found in 1980), 27121 (12); ZMB 11625 (1), 11652 (1), 11693 (1); ZMUB 1465 [ex USNM 27121] (1); ZMUC (1).

DISTRIBUTION: Eastern North Pacific.

**Genus *Microstomus* Gottsche 1835**

*Microstomus* Gottsche 1835:136, 150 [ref. 1862]. Type species *Microstomus latidens* Gottsche 1835. Type by monotypy.

*Cynicoglossus* Bonaparte 1837:punctata 97 [ref. 4893]. Type species *Pleuronectes cynoglossus* Linnaeus 1758. Type by monotypy.

*Cynoglossa* Bonaparte 1846:48 [ref. 519]. Type species *Pleuronectes microcephalus* Donovan 1803. Type by monotypy.

*Brachyprosopon* Bleeker 1862:428 [ref. 388]. Type species *Pleuronectes microcephalus* of Fleming 1828. Type by monotypy.

*Veraequa* Jordan & Starks 1904:625 [ref. 2526]. Type species *Veraequa achne* Jordan & Starks 1904. Type by original designation (also monotypic).

***Microstomus achne* (Jordan & Starks 1904)**

*Veraequa achne* Jordan & Starks 1904:625, Pl. 7 (fig. 1) [ref. 2526] (Matsushima Bay, Japan, Albatross sta. 3772, 79 fm). Holotype (unique): USNM 51447.

DISTRIBUTION: Western North Pacific.

***Microstomus kitt* (Walbaum 1792)**

*Pleuronectes kitt* Walbaum 1792:120 [ref. 4572] (British seas). No types known.

*Pleuronectes laevis* Shaw 1803:299 [ref. 4014] (London, England). No types known.

*Pleuronectes microcephalus* Donovan 1803:3 unnum. pp., Pl. 42 [ref. 17408] (England). No types known.

*Platessa pola* Cuvier 1829:339 [ref. 995] (no locality). No types known.

*Microstomus latidens* Gottsche 1835:150 [ref. 1862] (Copenhagen fish market). Syntypes: whereabouts unknown.

*Pleuronectes gilli* Steindachner 1868:120 [ref. 20463] (“Eismeer bei Nordisland”). Holotype (unique): not yet found at NMW.

DISTRIBUTION: Eastern North Atlantic.

***Microstomus pacificus* (Lockington 1879)**

*Glyptocephalus pacificus* Lockington 1879:254 [ref. 20590] (markets of San Francisco, California, U.S.A.). Syntypes: CAS (2, lost in 1906).

DISTRIBUTION: Eastern North Pacific.

***Microstomus shuntovi* Borets 1983**

*Microstomus shuntovi* Borets 1983:718, Fig. [ref. 8248] (North Pacific, 35°17'N, 171°19'E, 270–290 m). Holotype: ZIN 45771 (not in collection in 1996).

DISTRIBUTION: North Pacific.

**Genus *Parophrys* Girard 1854**

*Parophrys* Girard 1854:139 [ref. 1817]. Type species *Parophrys vetulus* Girard 1854. Type by monotypy.

***Parophrys vetulus* Girard 1854**

*Parophrys vetulus* Girard 1854:140 [ref. 1817] (San Francisco, California, U.S.A.). No types known.

*Parophrys hubbardii* Gill 1862:281 [ref. 1666] (San Francisco, California, U.S.A.). Holotype: USNM 4482.

*Pleuronectes digrammus* Günther 1862:445 [ref. 1969] (Victoria Harbor, Vancouver I., British Columbia, Canada). Syntypes: BMNH 1860.11.19.39–40 (2, skins).

DISTRIBUTION: Eastern North Pacific as far west as Agattu Island, Aleutian Islands.

**Genus *Platichthys* Girard 1854**

*Platichthys* Girard 1854:139 [ref. 1817]. Type species *Platichthys rugosus* Girard 1854. Type by monotypy.

*Flesus* Moreau 1881:298 (v. 3) [ref. 3040]. Type species *Pleuronectes flesus* Linnaeus 1758. Type by absolute tautonymy of name in synonymy of one of two included species.

***Platichthys flesus* (Linnaeus 1758)**

*Pleuronectes flesus* Linnaeus 1758:270 [ref. 2787] (European seas). Syntypes: BMNH 1853.11.12.132–134 [Gronovius coll.] (3, skins), ?NRM 20 (1).

*Pleuronectes passer* Linnaeus 1758:271 [ref. 2787] (European seas). No types known.

*Pleuronectes flesoides* Pontoppidan 1766:188, Pl. 15 [ref. 18567] (Locality?). No types known.

*Pleuronectes roseus* Shaw in Shaw & Nodder 1796, Pl. 238 [ref. 4013] (Thames River, U.K.). Holotype (unique): Leverian Mus. (not researched).

*Pleuronectes luscus* Pallas 1814:427 [ref. 3351] (Feodosiya, Crimea, Ukraine). No types known.

*Platessa carnaria* Brown 1830:99, Pl. 2 (not 3) [ref. 17288] (Prestonpans, se. Scotland, U.K.). No types known.

*Platessa glabra* Rathke 1837:352 [ref. 18611] (Kerch, Crimea). No types known.

*Platessa flesus* var. *marmorata* Nordmann 1840:534, Pl. 28 (fig. 1) [ref. 3209] (locality unknown). No types known.

*Pleuronectes italicus* Günther 1862:452 [ref. 1969] (Mediterranean; Dalmatia [Croatia]). Syntypes: BMNH 1842.6.7.3 (1).

*Pleuronectes bogdanovii* Sandeberg 1878:236, Figs. [ref. 18653] (White Sea). No types known.

*Flesus vulgaris* Moreau 1881:299 [ref. 3040].

*Pleuronectes flesus* var. *trachurus* Duncker 1892:280, 291, Fig. 2 [ref. 17428] (mouth of Trave R., Germany, Baltic Sea). Syntypes: (several) whereabouts unknown.

*Pleuronectes flesus* var. *leiurus* Duncker 1892:280, 291, Fig. 1 [ref. 17428] (Elbe R. at Hamburg, Germany). No types known.

*Pleuronectes flesus septentrionalis* Berg 1932:5, Fig. 3 [ref. 26819] (Murman Coast and coasts of Kanin Peninsula, Barents Sea). Syntypes: (many) ZIN? 18.772 [figured, 25 cm].

DISTRIBUTION: Eastern North Atlantic and western Europe; introduced elsewhere.

REMARKS: Some authors recognize from two (Voronina 1999 [24880]) to six (Berg 1949 [ref. 12936]) subspecies within this species. *Flesus vulgaris* Moreau 1881 is an unneeded new name for *Pleuronectes flesus* Linnaeus 1758; therefore, the syntype of Desoutter et al. (2001:312 [ref. 25922]) is not a type specimen (MNH 1898-0941).

***Platichthys stellatus* (Pallas 1788)**

*Pleuronectes stellatus* Pallas 1788:347, Pl. 9 (fig. 1) [ref. 18507] (Kamtchatka; Aleutian Is.; Kuril Is.). Possible type: ZMB 7415 (1).

*Platichthys rugosus* Girard 1854:139 [ref. 1817] (San Francisco, California, U.S.A.). No types known.

DISTRIBUTION: North Pacific.

**Genus *Pleuronectes* Linnaeus 1758**

*Pleuronectes* Linnaeus 1758:268 [ref. 2787]. Type species *Pleuronectes platessa* Linnaeus 1758. Type by subsequent designation.

*Platessa* Cuvier 1816:220 [ref. 993]. Type species *Pleuronectes platessa* Linnaeus 1758. Type by absolute tautonymy.

***Pleuronectes platessa* Linnaeus 1758**

*Pleuronectes platessa* Linnaeus 1758:269 [ref. 2787] (European seas). Syntypes: BMNH 1853.11.12.130–131 [Gronovius coll.] (2, skins).

*Platessa vulgaris* Cloquet 1826:403 [ref. 852]. (European seas). Syntypes: BMNH 1853.11.12.130–131 [Gronovius coll.] (2, skins).

*Pleuronectes borealis* Faber 1828:244 [ref. 18075] (Iceland; North and West Jutland and Kattegat, Denmark). Syntypes: whereabouts unknown.

*Platessa latus* Cuvier 1829:339 [ref. 995] (France [*nos côtes*]). No types known.

*Pleuronectes platessa* var. *baltica* Nilsson 1855:616 [ref. 3205] (Sund, Baltic Sea). No types known.

DISTRIBUTION: Eastern North Atlantic and seas of northern Europe.

REMARKS: *Platessa vulgaris* Cloquet 1826 is an unneeded new name for *Pleuronectes platessa* Linnaeus 1758.

***Pleuronectes quadrituberculatus* Pallas 1814**

*Pleuronectes quadrituberculatus* Pallas 1814:423 [ref. 3351] (sea between Kamchatka, Russia and Alaska, U.S.A.). No types known.

*Pleuronectes pallasii* Steindachner 1879:163 [45 of separate], Pl. 2 (fig. 3) [ref. 4229] (Kamchatka, Russia). Syntypes: (several) NMW 42642 (2).

DISTRIBUTION: North Pacific.

**Genus *Pleuronichthys* Girard 1854**

*Pleuronichthys* Girard 1854:139 [ref. 1817]. Type species *Pleuronichthys coenosus* Girard 1854. Type by monotypy.

*Heteroprosopon* Bleeker 1862:429 [ref. 388]. Type species *Platessa cornuta* Temminck & Schlegel 1846. Type by monotypy.

***Pleuronichthys coenosus* Girard 1854**

*Pleuronichthys coenosus* Girard 1854:139 [ref. 1817] (San Francisco, California, U.S.A.). Syntypes: USNM 697 (1).

*Pleuronichthys nephelus* Starks & Thompson 1910:282, Fig. 1 [ref. 10117] (San Juan Is., Puget Sound, Washington, U.S.A.). Holotype: USNM 74606.

DISTRIBUTION: Eastern North Pacific.

***Pleuronichthys cornutus* (Temminck & Schlegel 1846)**

*Platessa cornuta* Temminck & Schlegel 1846:179, Pl. 92 (fig. 1) [ref. 4374] (Japan). Lectotype: RMNH 1336 (stuffed).

*Pleuronichthys lighti* Wu 1929:66, Fig. 54 [ref. 17843] (Island of Amoy or vicinity). Holotype (unique): whereabouts unknown.

DISTRIBUTION: Western North Pacific.

REMARKS: The lectotype of *Platessa cornuta* Temminck & Schlegel was designated by Boeseman (1947:146 [ref. 12876]).

***Pleuronichthys decurrens* Jordan & Gilbert 1881**

*Pleuronichthys decurrens* Jordan & Gilbert 1881:453 [ref. 12598] (Point Reyes and the Farallons, California, U.S.A.). Syntypes: ANSP 8884 (1) San Francisco; MNHN A-3280 (1), A-3368 (1); MTD F131 [ex USNM] (1); UMMZ 162042 (1); ?USNM 26978 (30, missing in 1980) Monterey, ?USNM 27115 (2) San Francisco; ?ZMB 11734 [ex USNM] (1).

DISTRIBUTION: Eastern North Pacific.

***Pleuronichthys ocellatus* Starks & Thompson 1910**

*Pleuronichthys ocellatus* Starks & Thompson 1910:285, Fig. 2 [ref. 10117] (31°21'N, 113°49'W, Gulf of California, Mexico, *Albatross* sta. 3024, 31°21'00"N, 113°49'00"W, 11 fm). Holotype: USNM 74605.

DISTRIBUTION: Eastern Pacific.

***Pleuronichthys ritteri* Starks & Morris 1907**

*Pleuronichthys ritteri* Starks & Morris 1907:243, Pl. 21 [ref. 10118] (San Diego Bay, California, U.S.A.). Holotype: SU 9786.

DISTRIBUTION: Eastern North Pacific: off west coast of U.S.A.

***Pleuronichthys verticalis* Jordan & Gilbert 1880**

*Pleuronichthys verticalis* Jordan & Gilbert 1880:49 [ref. 2366] (outside the Golden Gate Bridge, near San Francisco, California, U.S.A.). Syntypes: ANSP 8885 (1); Genova Mus. [ex USNM] (1); MTD F130 [ex USNM] (1); USNM 26979 (orig. 25, now 8), ?27230 (2); ?ZMB 11732 (1); ZMUB 1212 [ex USNM 26982] (1); ZMUC [ex USNM] (some).

DISTRIBUTION: Eastern North Pacific: off west coast of U.S.A.

**Genus *Psettichthys* Girard 1854**

*Psettichthys* Girard 1854:140 [ref. 1817]. Type species *Psettichthys melanostictus* Girard 1854. Type by monotypy.

***Psettichthys melanostictus* Girard 1854**

*Psettichthys melanostictus* Girard 1854:140 [ref. 1817] (San Francisco, California, U.S.A.). No types known.

DISTRIBUTION: Eastern North Pacific.

**Genus *Pseudopleuronectes* Linnaeus 1758**

*Pseudopleuronectes* Bleeker 1862:428 [ref. 388]. Type species *Pleuronectes planus* Mitchill 1814. Type by monotypy.

*Limandella* Jordan & Starks 1906:204 [ref. 2532]. Type species *Pleuronectes yokohamae* Günther 1877. Type by original designation.

*Gareus* Hubbs 1915:486 [ref. 2224]. Subgenus of *Liopsetta*. Type species *Pleuronectes obscurus* Herzenstein 1890. Type by original designation (also monotypic).

***Pseudopleuronectes americanus* (Walbaum 1792)**

*Pleuronectes americanus* Walbaum 1792:113 [ref. 4572] (New York, U.S.A.). No types known.

*Pleuronectes planus* Mitchill 1814:8 [ref. 3030] (New York, U.S.A.). No types known.

*Platessa pusilla* DeKay 1842:296, Pl. 47 (fig. 153) [ref. 1098] (shallow bays about New York, U.S.A.). Syntypes: New York State coll. (whereabouts unknown).

*Pseudopleuronectes dignabilis* Kendall 1912:392, Pl. 57 [ref. 14848] (Georges Bank, New England coast, U.S.A.). Holotype: USNM 73918.

DISTRIBUTION: Western North Atlantic: coast of North America.

***Pseudopleuronectes herzensteini* (Jordan & Snyder 1901)**

*Limanda herzensteini* Jordan & Snyder 1901:746 [ref. 2504] (Vladivostok, Russia; Hakodate, Japan). Syntypes: ZIN 1583 (3), 6163 (1), 8730 (1).

*Pleuronectes japonicus* Herzenstein 1890:130 [52 in n.s.] [ref. 18286] (Vladivostok, Russia; Hakodate, Japan). Syntypes: ZIN 1583 (3), 6163 (1), 8730 (1).

*Limanda angustirostris* Jordan & Starks (ex Kitahara) 1906:208, Fig. 15 [ref. 2532] (Aomori, Japan). Holotype: USNM 55645.

*Limanda angustirostris* var. *maculosa* Pavlenko 1910:58, Fig. 12 [ref. 3393] (Peter the Great Bay, Russia, Japan Sea). Syntypes: (2) whereabouts unknown.

DISTRIBUTION: Western North Pacific.

REMARKS: *Limanda herzensteini* Jordan & Starks 1901 is a replacement name for *Pleuronectes japonicus* Herzenstein 1890, which is preoccupied by *Pleuronectes japonicus* Houttuyn 1782 in Cynoglossidae.

***Pseudopleuronectes obscurus* (Herzenstein 1890)**

*Pleuronectes obscurus* Herzenstein 1890:127 [49 in n.s.] [ref. 18286] (Vladivostok, Russia; Japan). Syntypes: ZIN 8725–29 (1, 1, 1, 1, 1).

DISTRIBUTION: Western North Pacific.

***Pseudopleuronectes schrenki* (Schmidt 1904)**

*Limanda schrenki* Schmidt 1904:235 [ref. 3946] (Mauka, w. Sakhalin I., Japan Sea). Syntypes: ZIN 12377A–B (3, 1).

DISTRIBUTION: Western North Pacific.

***Pseudopleuronectes yokohamae* (Günther 1877)**

*Pleuronectes yokohamae* Günther 1877:442 [ref. 2009] (Yokohama Bay, Japan). Syntypes: BMNH 1879.5.14.21–22 (2).

DISTRIBUTION: Western North Pacific.

**Genus *Reinhardtius* Gill 1861**

*Reinhardtius* Gill 1861:50 [ref. 1766]. Type species *Pleuronectes cynoglossus* of Fabricius (not of Linnaeus) 1780. Type by monotypy.

*Platysomatichthys* Bleeker 1862:425 [ref. 388]. Type species *Pleuronectes pinguis* Fabricius 1824. Type by monotypy.

***Reinhardtius hippoglossoides* (Walbaum 1792)**

*Pleuronectes hippoglossoides* Walbaum 1792:115 [ref. 4572] (Northern Ocean). No types known.

*Pleuronectes pinguis* Fabricius 1824:45 [ref. 17474] (Greenland). No types known.

*Hippoglossus groenlandicus* Günther 1862:404 [ref. 1969] (Greenland). Syntypes: (at least 5 at BMNH, 4 stuffed).

*Reinhardtius matsuurae* Jordan & Snyder 1901:309, Pl. 16 (figs. 7–8) [ref. 2506] (Misaki, Kanagawa Pref., Sagami Sea, Japan). Holotype: ZUMT 456 (stuffed) not seen in 1997.

DISTRIBUTION: North Pacific, North Atlantic, and southern Arctic.

**Genus *Tanakius* Hubbs 1918**

*Tanakius* Hubbs 1918:370 [ref. 2228]. Subgenus of *Dexistes*. Type species *Microstomus kitaharae* Jordan & Starks 1904. Type by original designation (also monotypic).

***Tanakius kitaharae* (Jordan & Starks 1904)**

*Microstomus kitaharae* Jordan & Starks 1904:625, Pl. 7 (fig. 2) [ref. 2526] (Matsushima Bay, Japan, *Albatross* sta. 3770, 42–45 fm). Holotype: USNM 51418.

DISTRIBUTION: Western North Pacific.

**Genus *Verasper* Jordan & Gilbert 1898**

*Verasper* Jordan & Gilbert in Jordan & Evermann 1898:2606, 2618 [ref. 2445]. Type species *Verasper moseri* Jordan & Gilbert 1898. Type by original designation (also monotypic).

***Verasper moseri* Jordan & Gilbert 1898**

*Verasper moseri* Jordan & Gilbert in Jordan & Evermann 1898:2619 [ref. 2445] (Shana Bay, Iturup I., Kuril Is.). Holotype: USNM 48797.

DISTRIBUTION: Western North Pacific.

***Verasper variegatus* (Temminck & Schlegel 1846)**

*Platessa variegata* Temminck & Schlegel 1846:176, Pl. 90 [ref. 4374] (Japan). Lectotype: RMNH D1333 (stuffed).

DISTRIBUTION: Western North Pacific.

**Subfamily Poecilopsettinae Norman 1934**

Poecilopsettines compose a compact group of small-sized and comparatively rare righteye flounders replacing the other subfamilies of pleuronectids in subtropical and tropical seas. Body oval-shaped or elongate, strongly compressed. Eyes on right side of head; reversal rare. Origin of dorsal fin above the eyes. Pelvic fins subsymmetrical, that on eyed side slightly in advance. Pectoral fin on blind side the same length or smaller than fin on eyed side. No fin spines. Lateral line rudimentary on blind side of body. Preopercle edge free and distinct. Mouth and teeth small. Vertebrae 36–43. Coloration on eyed side variable, often with spots or blotches on body and fins; blind side whitish. Marine; benthic, primarily in deep water, found at depths of about 60–500 m; deepest occurrence down to 880 m in *Poecilopsetta colorata*. Size range about 9–19 cm total length. Most species are usually under 15 cm in length. Feed on bottom-living animals. Three genera with 19 species, distributed primarily in the Indo-Pacific, with two species (*Poecilopsetta beanii* and *P. inermis*) occurring in the western North Atlantic. Sometimes this subfamily is recognized at the family level (as suggested by Chapleau and Keast 1988 [ref. 12625]).

**Genus *Marleyella* Fowler 1925**

*Marleyella* Fowler 1925:203 [ref. 5570]. Subgenus of *Poecilopsetta*. Type species *Poecilopsetta bicolorata* von Bonde 1922. Type by original designation (also monotypic).

***Marleyella bicolorata* (von Bonde 1922)**

*Poecilopsetta bicolorata* von Bonde 1922:14, Pl. 5 (fig. 2) [ref. 520] (Natal, South Africa, Pickle stns. 110 and 115, 70–222 fm). Syntypes: (several) BMNH 1922.3.27.5–6.

DISTRIBUTION: Western Indian Ocean.

***Marleyella maldivensis* Norman 1939**

*Marleyella maldivensis* Norman 1939:103, Fig. 34 [ref. 6556] (Maldives, Indian Ocean, 229 m). Holotype: BMNH 1939.5.24.1797–1798 (132 mm spec.).

DISTRIBUTION: Indian Ocean.

**Genus *Nematops* Günther 1880**

*Nematops* Günther 1880:57 [ref. 2011]. Type species *Nematops microstoma* Günther 1880. Type by monotypy.

***Nematops chui* Fowler 1934**

*Nematops chui* Fowler 1934:338, Fig. 93 [ref. 1416] (China Sea, off s. Luzon I., Philippines, Albatross sta. D.5110, 135 fm). Holotype: USNM 93087.

DISTRIBUTION: Western Pacific.

***Nematops grandisquama* Weber & de Beaufort 1929**

*Nematops grandisquama* Weber & de Beaufort 1929:134, Fig. 32 [ref. 16063] (St. Nikolaas Bay, Bali, Indonesia, 108–162 m). Syntypes: BMNH 1933.2.18.16 [ex ZMA] (1); ZMA 112647 (4).

DISTRIBUTION: Indo-West Pacific.

***Nematops macrochirus* Norman 1931**

*Nematops macrochirus* Norman 1931:421, Fig. 1 [ref. 16316] (Bali Strait, Indonesia, 8°29'S, 114°40'E, 200 m). Holotype (unique): BMNH 1931.7.23.1.

DISTRIBUTION: Indo-West Pacific.

REMARKS: Record of occurrence of this species from St. Helena Island in the Atlantic Ocean is erroneous.

***Nematops microstoma* Günther 1880**

*Nematops microstoma* Günther 1880:57, Pl. 24 (fig. C) [ref. 2011] (outside Nares harbor, Admiralty Is., 152 fm). Holotype (unique): BMNH 1879.5.14.91.

DISTRIBUTION: Western Pacific.

**Genus *Poecilopsetta* Günther 1880**

*Poecilopsetta* Günther 1880:48 [ref. 2011]. Type species *Poecilopsetta colorata* Günther 1880. Type by monotypy.

*Boopsetta* Alcock 1896:305 [ref. 91]. Type species *Boopsetta umbrarum* Alcock 1896. Type by monotypy.

*Alaeops* Jordan & Starks 1904:623 [ref. 2526]. Type species *Alaeops plinthus* Jordan & Starks 1904. Type by original designation (also monotypic).

*Paralimanda* Breder 1927:86 [ref. 635]. Type species *Paralimanda inermis* Breder 1927. Type by monotypy.

***Poecilopsetta albomaculata* Norman 1939**

*Poecilopsetta albomaculata* Norman 1939:101, Fig. 32 [ref. 6556] (Maldives, Indian Ocean, sta. 194, 265–293 m). Holotype: BMNH 1939.5.24.1774–1776 (130 mm spec).

DISTRIBUTION: Western Indian Ocean.

***Poecilopsetta beanii* (Goode 1881)**

*Limanda beanii* Goode 1881:473 [ref. 1833] (off New Jersey, U.S.A., *Fish Hawk* sta. 875, 39°57'N, 70°57'30"W, 126 fm). Lectotype: USNM 26102.

DISTRIBUTION: Western North Atlantic.

REMARKS: The lectotype was established in the caption to Pl. 378, p. 3311 in Jordan and Evermann (1900 [ref. 2446]). The caption identifies *Fish Hawk* sta. 875 as the lectotype locality.

***Poecilopsetta colorata* Günther 1880**

*Poecilopsetta colorata* Günther 1880:48, Pl. 22 (fig. B) [ref. 2011] (Kai Is., *Challenger* sta. 192, Indonesia, Arafura Sea, 129 fm). Holotype: BMNH 1879.5.14.97.

*Poecilopsetta maculosa* Alcock 1894:130 [16 of separate], Pl. 7 (fig. 1) [ref. 90] (Bay of Bengal, *Investigator* sta. 162, 13°51'12"N, 80°28'12"E, 145–250 fm). Holotype (unique): ZSI F13732.

DISTRIBUTION: Indo-West Pacific.

***Poecilopsetta dorsialta* Guibord & Chapleau 2001**

*Poecilopsetta dorsialta* Guibord & Chapleau 2001:1081, Fig. 1 [ref. 25825] (Lusaran Point, between Panay and Guimaras, Philippines, *Albatross* sta. 5421, 10°33'30"N, 122°26'E, 250 m). Holotype: USNM 150696.

DISTRIBUTION: Philippines.

***Poecilopsetta hawaiiensis* Gilbert 1905**

*Poecilopsetta hawaiiensis* Gilbert 1905:679, Pl. 95 [ref. 1631] (Pailolo Channel, between Molokai I. and Maui I., Hawaiian Is., U.S.A., *Albatross* sta. 3810 [or 3858], 128–138 fm). Holotype: USNM 51638.

DISTRIBUTION: Central Pacific.

***Poecilopsetta inermis* (Breder 1927)**

*Paralimanda inermis* Breder 1927:87, Fig. 36 [ref. 635] (north of Glovers Reef, Belize, 484 fm). Holotype (unique): YPM 516.

*Poecilopsetta albomarginata* Reid 1934:10, Pl. 1 [ref. 16454] (Tobago I., West Indies, *Caroline* sta. 100, 18°38'45"–18°40'15"N, 64°52'45"–64°50'15"W, 100–300 fm). Holotype: USNM 93303.

DISTRIBUTION: Western Atlantic.

***Poecilopsetta macrocephala* Hoshino, Amaoka & Last 2001**

*Poecilopsetta macrocephala* Hoshino, Amaoka & Last 2001:73–81, Figs. 1–3 [ref. 25689] (off nw. Australia, 18°46'S, 116°19'E, 555 m). Holotype: CSIRO H5213-01.

DISTRIBUTION: Eastern Indian Ocean: off northwestern Australia.

***Poecilopsetta natalensis* Norman 1931**

*Poecilopsetta natalensis* Norman 1931:426 [ref. 16316] (off Natal, South Africa, 188 fm). Holotype (unique): BMNH 1922.3.27.7.

DISTRIBUTION: Western Indian Ocean.

***Poecilopsetta normani* Foroshchuk & Fedorov 1992**

*Poecilopsetta normani* Foroshchuk & Fedorov 1992:11, Fig. [ref. 20776] (Saya de Malha Bank, 11°12'N, 62°16.4'E, 255–270 m). Holotype: ZIN 49132.

DISTRIBUTION: Indian Ocean.

***Poecilopsetta plinthus* (Jordan & Starks 1904)**

*Alaeops plinthus* Jordan & Starks 1904:623, Pl. 5 (fig. 2) [ref. 2526] (Suruga Bay, Japan, *Albatross* sta. 3708, 60–70 fm). Holotype: USNM 51406.

*Poecilopsetta megalepis* Fowler 1934:340, Fig. 94 [ref. 1416] (Balayan Bay and Verde I. Passage, Philippines, *Albatross* sta. D.5117, 118 fm). Holotype: USNM 93094.

DISTRIBUTION: Western Pacific, Japan to Philippines.

REMARKS: *P. megalepis* Fowler 1934 is placed here as a synonym of *P. plinthus* (Jordan & Starks 1904) based on Guibord and Chapleau (2002 [ref. 26820]).

***Poecilopsetta praelonga* Alcock 1894**

*Poecilopsetta praelonga* Alcock 1894:130 [16 of separate], Pl. 7 (fig. 2) [ref. 90] (off Colombo, Sri Lanka, *Investigator* sta. 151, 142–400 fm or southwest of Ceylon, sta. 204, 180–217 fm). Syntypes: ZSI F13733–34 (2). Not ZSI F61/1 (1).

*Boopsetta umbrarum* Alcock 1896:305 [5 of separate] [ref. 91] (off Colombo, Sri Lanka, *Investigator* sta. 204, 180–217 fm). Holotype: ZSI F 61/1.

DISTRIBUTION: Indo-West Pacific.

***Poecilopsetta vaynei* Quéro, Hensley & Maugé 1988**

*Poecilopsetta vaynei* Quéro, Hensley & Maugé 1988:326, Fig. 3 [ref. 12837] (Madagascar, 25°02.7'S, 47°05.8'E, 65–70 m). Holotype: MNHN 1986-0653.

DISTRIBUTION: Western Indian Ocean.

***Poecilopsetta zanzibarensis* Norman 1939**

*Poecilopsetta zanzibarensis* Norman 1939:102, Fig. 33 [ref. 6556] (near Zanzibar, sta. 106, 183–194 m). Holotype: BMNH (130–spec. from sta. 106).

DISTRIBUTION: Western Indian Ocean.

**Subfamily Rhombosoleinae Regan 1910**

This subfamily unites righteye flounders with asymmetrical pelvic fins (the one on the eyed side may be joined to the anal fin). Dorsal fin commencing just behind the nasal organ of the blind side or extending forward on the snout above it. Pectoral radials absent. Lateral line equally developed on both sides of body. Gill membranes fused. Egg with many small oil globules in yolk. Vertebrae 30–46. Attain 35–45 cm in length. Marine, most species on the continental shelf. Some species of *Rhombosolea* enter fresh water in New Zealand. Distributed primarily in temperate water near Australia and New Zealand, with one species, *Oncopterus darwinii* Steindachner 1874, in the southwestern Atlantic. Some of the species superficially resemble the Soleidae. Nine genera, with 19 species. Sometimes this subfamily is recognized at family level (as suggested by Chapleau and Keast (1988 [ref. 12625])).

**Genus *Ammotretis* Günther 1862**

*Ammotretis* Günther 1862:458 [ref. 1969]. Type species *Ammotretis rostratus* Günther 1862. Type by monotypy.

***Ammotretis brevipinnis* Norman 1926**

*Ammotretis brevipinnis* Norman 1926:268, Fig. 11 [ref. 3216] (St. Vincent Gulf, South Australia). Holotype (unique): BMNH 1925.1.26.1.

DISTRIBUTION: Southeastern Indian Ocean.

***Ammotretis elongatus* McCulloch 1914**

*Ammotretis elongatus* McCulloch 1914:123, Pl. 27 [ref. 2940] (Investigator Strait or area south of Kangaroo I., South Australia). Syntypes: AMS E.2419 (1), I.12391 (1).

DISTRIBUTION: Southeastern Indian Ocean.

***Ammotretis lituratus* (Richardson 1844)**

*Solea liturata* Richardson 1844:156 [ref. 20295] (no locality [? Tasmania, Australia]). Holotype (unique): whereabouts unknown.

*Ammotretis tudori* McCulloch 1914:124, Pl. 26 [ref. 2940] (off east coast of Flinders I., Bass Strait, 37 fm; Spencer Gulf, 20 fm, South Australia). Syntypes: (several) AMS E.977 (1, not found in 1980), I.10026 (1); QM I.1439 (1).

DISTRIBUTION: Southeastern Indian Ocean.

***Ammotretis macrolepis* McCulloch 1914**

*Ammotretis macrolepis* McCulloch 1914:125, Fig. 9 [ref. 2940] (east coast of Flinders I., Bass Strait, South Australia, 40 fm). Holotype (unique): AMS E.455 (1).

DISTRIBUTION: Southeastern Indian Ocean.

***Ammotretis rostratus* Günther 1862**

*Ammotretis rostratus* Günther 1862:458 [ref. 1969] (Norfolk Bay, Tasmania, Australia). Holotype (unique): BMNH 1848.3.18.245.

*Ammotretis adspersus* Kner 1867:286, Pl. 13 (fig. 4) [ref. 18426] (Sydney, N.S.W., Australia). No types known.

*Rhombosolea bassensis* Castelnau 1872:167 [ref. 757] (Melbourne, Victoria, Australia). Syntypes: MNHN A-8764 (1), A-1765 (1).

*Solea uncinata* Klunzinger 1879:260 [ref. 18913] (King George Sound, Western Australia). Syntypes: SMNS 2695 (4, not found).

DISTRIBUTION: Eastern Indian Ocean to western South Pacific.

REMARKS: *Solea uncinata* also appeared in Klunzinger 1880:408 [84 of separate] [ref. 2624].

**Genus *Azygopus* Norman 1926**

*Azygopus* Norman 1926:261 [ref. 3216]. Type species *Azygopus pinnifasciatus* Norman 1926. Type by monotypy.

***Azygopus pinnifasciatus* Norman 1926**

*Azygopus pinnifasciatus* Norman 1926:262, Fig. 10 [ref. 3216] (Great Australian Bight, 126°30'E, sw. from Eucla, Australia). Holotype: AMS E.3600.

*Azygopus pinnifasciatus flemingi* Nielsen 1961:223, Fig. 3 [ref. 9369] (42°10'S, 170°10'E, 610 m). Holotype: ZMUC P853105.

DISTRIBUTION: Eastern Indian Ocean to western South Pacific.

**Genus *Colistium* Norman 1926**

*Colistium* Norman 1926:272 [ref. 3216]. Type species *Ammotretis nudipinnis* Waite 1911. Type by subsequent designation.

***Colistium guntheri* (Hutton 1873)**

*Ammotretis guntheri* Hutton 1873:267, Pl. 11 (fig. 82a) [ref. 2285] (Wellington harbor, New Zealand). Holotype (unique): presumed lost.

DISTRIBUTION: Western South Pacific off New Zealand.

***Colistium nudipinnis* (Waite 1911)**

*Ammotretis nudipinnis* Waite 1911:50 [ref. 4567] (Porangahau Bay and Hawke Bay, New Zealand). Syntypes: (several) whereabouts unknown.

DISTRIBUTION: Western South Pacific off New Zealand.

**Genus *Oncopterus* Steindachner 1875**

*Oncopterus* Steindachner 1875:363 [ref. 4221]. Type species *Oncopterus darwinii* Steindachner 1874. Type by monotypy.

*Curioptera* Whitley 1951:68 [ref. 4711]. Type species *Oncopterus darwinii* Steindachner 1874. Type by being a replacement name.

***Oncopterus darwinii* Steindachner 1874**

*Oncopterus darwinii* Steindachner 1874:172 [ref. 20470] (San Antonio harbor in San Matías Bay, e. coast of Argentina). Syntypes: (several) MCZ 11397 (3), 11398 (5 or 4); NMW 43920 (4).

DISTRIBUTION: Western South Atlantic.

**Genus *Pelotretis* Waite 1911**

*Pelotretis* Waite 1911:50 [ref. 4567]. Type species *Pelotretis flavilatus* Waite 1911. Type by monotypy.

***Pelotretis flavilatus* Waite 1911**

*Pelotretis flavilatus* Waite 1911:50 [ref. 4567] (New Zealand and Chatham Is., off New Zealand). Syntypes: (several) whereabouts unknown.

DISTRIBUTION: Western South Pacific off New Zealand.

**Genus *Peltorhamphus* Günther 1862**

*Peltorhamphus* Günther 1862:460 [ref. 1969]. Type species *Peltorhamphus novaezeelandiae* Günther 1862. Type by monotypy.

***Peltorhamphus latus* James 1972**

*Peltorhamphus latus* James 1972:354, Fig. 7 [ref. 7082] (Wellington Harbor, New Zealand, 41°15'S, 174°52.5'E, 20 m). Holotype: NMNZ P.5139.

DISTRIBUTION: Western South Pacific.

***Peltorhamphus novaezeelandiae* Günther 1862**

*Peltorhamphus novaezeelandiae* Günther 1862:461 [ref. 1969] (Norfolk I. and New Zealand). Syntypes: (at least 12) BMNH 1848.3.18.? (1), 1848.3.18.131–135 (5?), 1848.3.18.216 (1), 1853.2.14.21 (1); ZMB 5002 (1).

DISTRIBUTION: Western South Pacific off New Zealand.

***Peltorhamphus tenuis* James 1972**

*Peltorhamphus tenuis* James 1972:353, Fig. 6 [ref. 7082] (off Westport, New Zealand, 41°43'S, 171°34'E, 12–20 m). Holotype: NMNZ P.5138.

DISTRIBUTION: Western South Pacific.

**Genus *Psammodiscus* Günther 1862**

*Psammodiscus* Günther 1862:457 [ref. 1969]. Type species *Psammodiscus ocellatus* Günther 1862. Type by monotypy.

***Psammodiscus ocellatus* Günther 1862**

*Psammodiscus ocellatus* Günther 1862:457 [ref. 1969] (no locality). Syntypes: (4) BMNH.

DISTRIBUTION: Indo-West Pacific: Indonesia and northwestern Australia.

**Genus *Rhombosolea* Günther 1862**

*Rhombosolea* Günther 1862:458 [ref. 1969]. Type species *Rhombosolea monopus* Günther 1862. Type by subsequent designation.

*Bowenia* Haast 1873:277 [ref. 2025]. Type species *Bowenia novaezeelandiae* Haast 1873. Type by monotypy.

*Apsetta* Kyle 1901:986 [ref. 2704]. Type species *Apsetta thompsoni* Kyle 1901. Type by monotypy.

*Adamasoma* Whitley & Phillipps 1939:231 [ref. 4737]. Subgenus of *Rhombosolea*. Type species *Rhombosolea retiaria* Hutton 1874. Type by monotypy.

***Rhombosolea leporina* Günther 1862**

*Rhombosolea leporina* Günther 1862:460 [ref. 1969] (Australia). Syntypes: BMNH 1848.3.18.195–196 (2).

*Rhombosolea millari* Waite 1911:205, Pl. 37 [ref. 14826] (Hawke Bay, New Zealand). Syntypes: (several) whereabouts unknown.

DISTRIBUTION: Western South Pacific.

***Rhombosolea plebeia* (Richardson 1843)**

*Rhombus plebeius* Richardson 1843:27 [ref. 12502] (Tolaga Bay, New Zealand). Holotype (unique): ?BMNH 1842.10.12.2.

*Bowenia novaezealandiae* Haast 1873:277, Pl. 16 (bottom) [ref. 2025] (Lake Ellesmere, New Zealand). Holotype (unique): CMC (lost).

*Apsetta thompsoni* Kyle 1901:986, Figs. 1–3 [ref. 2704] (New Zealand). Holotype (unique): whereabouts unknown.

DISTRIBUTION: Western South Pacific.

***Rhombosolea retiaria* Hutton 1874**

*Rhombosolea retiaria* Hutton 1874:107 [ref. 21346] (Wellington harbor, New Zealand). Holotype (unique): presumed lost.

*Rhombosolea (Adamasoma) retiaria adamas* Whitley & Phillipps 1939:232 [ref. 4737] (Hokitika, New Zealand). No types known.

DISTRIBUTION: Western South Pacific off New Zealand.

***Rhombosolea tapirina* Günther 1862**

*Rhombosolea tapirina* Günther 1862:459 [ref. 1969] (Australian seas). Syntypes: (at least 17) BMNH 1846.1.31.78 (1, skin), 1847.6.17.82 (1), 1848.3.18.47–49 and 52–53 (5), 1848.3.18.240–244 (5); ZMB 9376 [ex BMNH] (1).

*Rhombosolea monopus* Günther 1862:459 [ref. 1969] (New Zealand; Bay of Islands; Australia). Syntypes: (3) BMNH 1848.3.18.194 (1), BMNH uncat. (1).

*Rhombosolea flesoides* Günther 1863:117 [4 of separate] [ref. 1972] (Victoria, South Australia). Holotype (unique): BMNH 1863.1.15.49 (dry).

*Pleuronectes victoriae* Castelnau 1872:168 [ref. 757] (Melbourne, Victoria, Australia). Syntypes: AMS A.7133 (1); MNHN A-8766 (1), 8767 (1).

DISTRIBUTION: Western South Pacific.

**Genus *Taratretis* Last 1978**

*Taratretis* Last 1978:22 [ref. 2726]. Type species *Taratretis derwentensis* Last 1978. Type by original designation (also monotypic).

***Taratretis derwentensis* Last 1978**

*Taratretis derwentensis* Last 1978:23, Fig. 1 [ref. 2726] (Derwent R. estuary off Nutgrove Beach, Tasmania, Australia, 147°21'E, 42°55'S, 3 m). Holotype: TMH D1305.

DISTRIBUTION: Southeastern Indian Ocean.

**Summary Lists**

**Genus-Group Names of Family Pleuronectidae**

*Acanthopsetta* Schmidt 1904 = *Acanthopsetta* Schmidt 1904

*Alaeops* Jordan & Starks 1904 = *Poecilopsetta* Günther 1880

*Ammotretis* Günther 1862 = *Ammotretis* Günther 1862

*Apsetta* Kyle 1901 = *Rhombosolea* Günther 1862

*Araias* Jordan & Starks 1904 = *Dexistes* Jordan & Starks 1904

*Atheresthes* Jordan & Gilbert 1880 = *Atheresthes* Jordan & Gilbert 1880

*Azygopus* Norman 1926 = *Azygopus* Norman 1926  
*Boopsetta* Alcock 1896 = *Poecilopsetta* Günther 1880  
*Bowenia* Haast 1873 = *Rhombosolea* Günther 1862  
*Brachyprosopon* Bleeker 1862 = *Microstomus* Gottsche 1835  
*Citharus* Reinhardt 1837 = *Hippoglossoides* Gottsche 1835  
*Cleisthenes* Jordan & Starks 1904 = *Cleisthenes* Jordan & Starks 1904  
*Clidoderma* Bleeker 1862 = *Clidoderma* Bleeker 1862  
*Colistium* Norman 1926 = *Colistium* Norman 1926  
*Curioptera* Whitley 1951 = *Oncopterus* Steindachner 1875  
*Cynicoglossus* Bonaparte 1837 = *Microstomus* Gottsche 1835  
*Cynoglossa* Bonaparte 1846 = *Microstomus* Gottsche 1835  
*Cynopsetta* Jordan & Starks 1906 = *Hippoglossoides* Gottsche 1835  
*Dexistes* Jordan & Starks 1904 = *Dexistes* Jordan & Starks 1904  
*Drepanopsetta* Gill 1861 = *Hippoglossoides* Gottsche 1835  
*Embassichthys* Jordan & Evermann 1896 = *Embassichthys* Jordan & Evermann 1896  
*Eopsetta* Jordan & Goss 1885 = *Eopsetta* Jordan & Goss 1885  
*Errex* Jordan 1919 = *Glyptocephalus* Gottsche 1835  
*Euchalarodus* Gill 1864 = *Liopsetta* Gill 1864  
*Flesus* Moreau 1881 = *Platichthys* Girard 1854  
*Gareus* Hubbs 1915 = *Pseudopleuronectes* Bleeker 1862  
*Glyptocephalus* Gottsche 1835 = *Glyptocephalus* Gottsche 1835  
*Heteroprosopon* Bleeker 1862 = *Pleuronichthys* Girard 1854  
*Hippoglossoides* Gottsche 1835 = *Hippoglossoides* Gottsche 1835  
*Hippoglossus* Cuvier 1816 = *Hippoglossus* Cuvier 1816  
*Hypsopsetta* Gill 1862 = *Hypsopsetta* Gill 1862  
*Isopsetta* Lockington 1883 = *Isopsetta* Lockington 1883  
*Kareius* Jordan & Snyder 1900 = *Kareius* Jordan & Snyder 1900  
*Lepidopsetta* Gill 1862 = *Lepidopsetta* Gill 1862  
*Limanda* Gottsche 1835 = *Limanda* Gottsche 1835  
*Limandella* Jordan & Starks 1906 = *Pseudopleuronectes* Bleeker 1862  
*Liopsetta* Gill 1864 = *Liopsetta* Gill 1864  
*Lyopsetta* Jordan & Goss 1885 = *Lyopsetta* Jordan & Goss 1885  
*Marleyella* Fowler 1925 = *Marleyella* Fowler 1925  
*Microstomus* Gottsche 1835 = *Microstomus* Gottsche 1835  
*Myzopsetta* Gill 1861 = *Limanda* Gottsche 1835  
*Nematops* Günther 1880 = *Nematops* Günther 1880  
*Oncopterus* Steindachner 1875 = *Oncopterus* Steindachner 1875  
*Paralichthodes* Gilchrist 1902 = *Paralichthodes* Gilchrist 1902  
*Paralimanda* Breder 1927 = *Poecilopsetta* Günther 1880  
*Parophrys* Girard 1854 = *Parophrys* Girard 1854  
*Pelotretis* Waite 1911 = *Pelotretis* Waite 1911  
*Peltorhamphus* Günther 1862 = *Peltorhamphus* Günther 1862  
*Platessa* Cuvier 1816 = *Pleuronectes* Linnaeus 1758  
*Platichthys* Girard 1854 = *Platichthys* Girard 1854  
*Platysomatichthys* Bleeker 1862 = *Reinhardtius* Gill 1861

*Pleuronectes* Linnaeus 1758 = *Pleuronectes* Linnaeus 1758  
*Pleuronichthys* Girard 1854 = *Pleuronichthys* Girard 1854  
*Poecilopsetta* Günther 1880 = *Poecilopsetta* Günther 1880  
*Pomatopsetta* Gill 1864 = *Hippoglossoides* Gottsche 1835  
*Protopsetta* Schmidt 1904 = *Cleisthenes* Jordan & Starks 1904  
*Psammodyscus* Günther 1862 = *Psammodyscus* Günther 1862  
*Psettichthys* Girard 1854 = *Psettichthys* Girard 1854  
*Pseudopleuronectes* Bleeker 1862 = *Pseudopleuronectes* Linnaeus 1758  
*Reinhardtius* Gill 1861 = *Reinhardtius* Gill 1861  
*Rhombosolea* Günther 1862 = *Rhombosolea* Günther 1862  
*Tanakius* Hubbs 1918 = *Tanakius* Hubbs 1918  
*Taratretis* Last 1978 = *Taratretis* Last 1978  
*Veraequa* Jordan & Starks 1904 = *Microstomus* Gottsche 1835  
*Verasper* Jordan & Gilbert 1898 = *Verasper* Jordan & Gilbert 1898  
*Xystrias* Jordan & Starks 1904 = *Eopsetta* Jordan & Goss 1885

#### **Incertae Sedis Genus-Group Names**

*Inopsetta* Jordan & Goss in Jordan 1885:924 [136 of separate] [ref. 2385]. Type species *Parophrys ischyurus* Jordan & Gilbert 1880. Type by original designation (also monotypic). Synonym of *Pleuronectes* Linnaeus 1758 and also *Platichthys* Girard 1854 when type species is regarded as a hybrid.  
*Pluviopsetta* Tanaka 1916:141 [ref. 4326]. Type species *Pluviopsetta taniguchii* Tanaka 1916. Type by monotypy. Questionably a synonym of *Pleuronectes* Linnaeus 1758.  
*Pseudoplatichthys* Hikita 1934:11, et. seq. [ref. 2160]. Type species *Pseudoplatichthys oshorensis* Hikita 1934. Type by original designation (also monotypic). The type species is thought to be a hybrid between *Platichthys stellatus* (Pallas 1788) and *Kareius bicoloratus* (Basilewsky 1855) or a synonym of *Platichthys* Girard 1854.

#### **Unavailable Genus-Group Names**

*Passer* Klein 1775:816 [ref. 2618]. Suppressed. In the synonymy of *Platichthys* Girard 1854.  
*Tapirisolea* Ramsay 1883:17, 44 [ref. 6592]. Nomen nudum. In the synonymy of *Ammotretis* Günther 1862.

#### **Species-Group Names of Family Pleuronectidae**

*acadianus*, *Glyptocephalus* Gill 1873–74 = *Glyptocephalus cynoglossus* (Linnaeus 1758)  
*achne*, *Veraequa* Jordan & Starks 1904 = *Microstomus achne* (Jordan & Starks 1904)  
*adamus*, *Rhombosolea* (*Adamasoma*) *retiaria* Whitley & Phillipps 1939 = *Rhombosolea retiaria* Hutton 1874  
*adpersus*, *Ammotretis* Kner 1867 = *Ammotretis rostratus* Günther 1862  
*albomaculata*, *Poecilopsetta* Norman 1939 = *Poecilopsetta albomaculata* Norman 1939  
*albomarginata*, *Poecilopsetta* Reid 1934 = *Poecilopsetta inermis* (Breder 1927)  
*algoensis*, *Paralichthodes* Gilchrist 1902 = *Paralichthodes algoensis* Gilchrist 1902  
*americanus*, *Pleuronectes* Walbaum 1792 = *Pseudopleuronectes americanus* (Walbaum 1792)  
*americanus*, *Hippoglossus* Gill 1864 = *Hippoglossus hippoglossus* (Linnaeus 1758)  
*angustirostris*, *Limanda* Jordan & Starks 1906 = *Pseudopleuronectes herzensteini* (Jordan & Snyder 1901)  
*ariommus*, *Araias* Jordan & Starks 1904 = *Dexistes rikuzenius* Jordan & Starks 1904  
*asper*, *Pleuronectes* Pallas 1814 = *Limanda aspera* (Pallas 1814)  
*asperrima*, *Platessa* Temminck & Schlegel 1846 = *Clidoderma asperrimum* (Temminck & Schlegel 1846)  
*asprella*, *Limanda* Hubbs 1915 = *Limanda aspera* (Pallas 1814)  
*ayresii*, *Parophrys* Günther 1862 = *Hypsopsetta guttulata* (Girard 1856)  
*baltica*, *Pleuronectes platessa* Nilsson 1855 = *Pleuronectes platessa* Linnaeus 1758

*bassensis*, *Rhombosolea* Castelnau 1872 = *Ammotretis rostratus* Günther 1862  
*bathybius*, *Cynicoglossus* Gilbert 1890 = *Embassichthys bathybius* (Gilbert 1890)  
*beanii*, *Limanda* Goode 1881 = *Poecilopsetta beanii* (Goode 1881)  
*bicolorata*, *Platessa* Basilewsky 1855 = *Kareius bicoloratus* (Basilewsky 1855)  
*bicolorata*, *Poecilopsetta* von Bonde 1922 = *Marleyella bicolorata* (von Bonde 1922)  
*bilineata*, *Platessa* Ayres 1855 = *Lepidopsetta bilineata* (Ayres 1855)  
*bogdanovii*, *Pleuronectes* Sandeberg 1878 = *Platichthys flesus* (Linnaeus 1758)  
*borealis*, *Pleuronectes* Faber 1828 = *Pleuronectes platessa* Linnaeus 1758  
*brevipinnis*, *Ammotretis* Norman 1926 = *Ammotretis brevipinnis* Norman 1926  
*camtchaticus*, *Hippoglossus hippoglossus* Rendahl 1931 = *Hippoglossus stenolepis* Schmidt 1904  
*caninensis*, *Pleuronectes glacialis* Suvorov 1929 = *Liopsetta glacialis* (Pallas 1776)  
*carnaria*, *Platessa* Brown 1830 = *Platichthys flesus* (Linnaeus 1758)  
*chui*, *Nematops* Fowler 1934 = *Nematops chui* Fowler 1934  
*cicatricosus*, *Pleuronectes* Pallas 1814 = *Liopsetta glacialis* (Pallas 1776)  
*coenosus*, *Pleuronichthys* Girard 1854 = *Pleuronichthys coenosus* Girard 1854  
*colorata*, *Poecilopsetta* Günther 1880 = *Poecilopsetta colorata* Günther 1880  
*cornuta*, *Platessa* Temminck & Schlegel 1846 = *Pleuronichthys cornutus* (Temminck & Schlegel 1846)  
*cynoglossus*, *Pleuronectes* Linnaeus 1758 = *Glyptocephalus cynoglossus* (Linnaeus 1758)  
*darwinii*, *Oncopterus* Steindachner 1874 = *Oncopterus darwinii* Steindachner 1874  
*decurrens*, *Pleuronichthys* Jordan & Gilbert 1881 = *Pleuronichthys decurrens* Jordan & Gilbert 1881  
*derwentensis*, *Taratretis* Last 1978 = *Taratretis derwentensis* Last 1978  
*dignabilis*, *Pseudopleuronectes* Kendall 1912 = *Pseudopleuronectes americanus* (Walbaum 1792)  
*digrammus*, *Pleuronectes* Günther 1862 = *Parophrys vetulus* Girard 1854  
*dorsialta*, *Poecilopsetta* Guibord & Chapleau 2001 = *Poecilopsetta dorsialta* Guibord & Chapleau 2001  
*dubius*, *Hippoglossoides* Schmidt 1904 = *Hippoglossoides dubius* Schmidt 1904  
*dwinensis*, *Platessa* Lilljeborg 1851 = *Liopsetta glacialis* (Pallas 1776)  
*elassodon*, *Hippoglossoides* Jordan & Gilbert 1880 = *Hippoglossoides elassodon* Jordan & Gilbert 1880  
*elongata*, *Platessa* Yarrell 1839 = *Glyptocephalus cynoglossus* (Linnaeus 1758)  
*elongatus*, *Ammotretis* McCulloch 1914 = *Ammotretis elongatus* McCulloch 1914  
*evermanni*, *Atheresthes* Jordan & Starks 1904 = *Atheresthes evermanni* Jordan & Starks 1904  
*exilis*, *Hippoglossoides* Jordan & Gilbert 1880 = *Lyopsetta exilis* (Jordan & Gilbert 1880)  
*ferruginea*, *Platessa* Storer 1839 = *Limanda ferruginea* (Storer 1839)  
*flavilatus*, *Pelotretis* Waite 1911 = *Pelotretis flavilatus* Waite 1911  
*flemingi*, *Azygopus pinnifasciatus* Nielsen 1961 = *Azygopus pinnifasciatus* Norman 1926  
*flesoides*, *Rhombosolea* Günther 1863 = *Rhombosolea tapirina* Günther 1862  
*flesoides*, *Pleuronectes* Pontoppidan 1766 = *Platichthys flesus* (Linnaeus 1758)  
*flesus*, *Pleuronectes* Linnaeus 1758 = *Platichthys flesus* (Linnaeus 1758)  
*franklinii*, *Pleuronectes* Günther 1862 = *Liopsetta glacialis* (Pallas 1776)  
*gigas*, *Hippoglossus* Swainson 1839 = *Hippoglossus hippoglossus* (Linnaeus 1758)  
*gilli*, *Pleuronectes* Steindachner 1868 = *Microstomus kitt* (Walbaum 1792)  
*glabra*, *Platessa* Rathke 1837 = *Platichthys flesus* (Linnaeus 1758)  
*glacialis*, *Pleuronectes* Pallas 1776 = *Liopsetta glacialis* (Pallas 1776)  
*grandisquama*, *Nematops* Weber & de Beaufort 1929 = *Nematops grandisquama* Weber & de Beaufort 1929  
*grigorjewi*, *Hippoglossus* Herzenstein 1890 = *Eopsetta grigorjewi* (Herzenstein 1890)  
*groenlandicus*, *Hippoglossus* Günther 1862 = *Reinhardtius hippoglossoides* (Walbaum 1792)

- guntheri*, *Ammotretis* Hutton 1873 = *Colistium guntheri* (Hutton 1873)  
*guttulatus*, *Pleuronichthys* Girard 1856 = *Hypsopsetta guttulata* (Girard 1856)  
*hamiltoni*, *Hippoglossoides* Jordan & Gilbert 1898 = *Hippoglossoides robustus* Gill & Townsend 1897  
*hawaiiensis*, *Poecilopsetta* Gilbert 1905 = *Poecilopsetta hawaiiensis* Gilbert 1905  
*herzensteini*, *Hippoglossoides* Schmidt 1904 = *Cleisthenes herzensteini* (Schmidt 1904)  
*herzensteini*, *Limanda* Jordan & Snyder 1901 = *Pseudopleuronectes herzensteini* (Jordan & Snyder 1901)  
*hippoglossoides*, *Pleuronectes* Walbaum 1792 = *Reinhardtius hippoglossoides* (Walbaum 1792)  
*hippoglossus*, *Pleuronectes* Linnaeus 1758 = *Hippoglossus hippoglossus* (Linnaeus 1758)  
*hireguro*, *Microstomus* Tanaka 1916 = *Glyptocephalus stelleri* (Schmidt 1904)  
*hubbardii*, *Parophrys* Gill 1862 = *Parophrys vetulus* Girard 1854  
*inermis*, *Paralimanda* Breder 1927 = *Poecilopsetta inermis* (Breder 1927)  
*iridorum*, *Limanda* Jordan & Starks 1906 = *Limanda punctatissimus* Steindachner 1879  
*isolepis*, *Lepidopsetta* Lockington 1880 = *Isopsetta isolepis* (Lockington 1880)  
*italicus*, *Pleuronectes* Günther 1862 = *Platichthys flesus* (Linnaeus 1758)  
*japonicus*, *Pleuronectes* Herzenstein 1890 = *Pseudopleuronectes herzensteini* (Jordan & Snyder 1901)  
*jordani*, *Hippoglossoides* Lockington 1879 = *Eopsetta jordani* (Lockington 1879)  
*katakurae*, *Hippoglossoides* Snyder 1911 = *Hippoglossoides dubius* Schmidt 1904  
*kitaharae*, *Microstomus* Jordan & Starks 1904 = *Tanakius kitaharae* (Jordan & Starks 1904)  
*kitt*, *Pleuronectes* Walbaum 1792 = *Microstomus kitt* (Walbaum 1792)  
*knipowitschi*, *Liopsetta glacialis* Essipov 1939 = *Liopsetta glacialis* (Pallas 1776)  
*korigarei*, *Limanda* Hubbs 1915 = *Limanda sakhalinensis* Hubbs 1915  
*laevis*, *Pleuronectes* Shaw 1803 = *Microstomus kitt* (Walbaum 1792)  
*latidens*, *Microstomus* Gottsche 1835 = *Microstomus kitt* (Walbaum 1792)  
*latus*, *Peltorhamphus* James 1972 = *Peltorhamphus latus* James 1972  
*latus*, *Platessa* Cuvier 1829 = *Pleuronectes platessa* Linnaeus 1758  
*leiorus*, *Pleuronectes flesus* Duncker 1892 = *Platichthys flesus* (Linnaeus 1758)  
*leporina*, *Rhombosolea* Günther 1862 = *Rhombosolea leporina* Günther 1862  
*lighti*, *Pleuronichthys* Wu 1929 = *Pleuronichthys cornutus* (Temminck & Schlegel 1846)  
*limanda*, *Pleuronectes* Linnaeus 1758 = *Limanda limanda* (Linnaeus 1758)  
*limandoides*, *Pleuronectes* Bloch 1787 = *Hippoglossoides platessoides limandoides* (Bloch 1787)  
*limandula*, *Pleuronectes* Bonnaterre 1788 = *Limanda limanda* (Linnaeus 1758)  
*linnei*, *Hippoglossus* Malm 1877 = *Hippoglossus hippoglossus* (Linnaeus 1758)  
*liturata*, *Solea* Richardson 1844 = *Ammotretis lituratus* (Richardson 1844)  
*luscus*, *Pleuronectes* Pallas 1814 = *Platichthys flesus* (Linnaeus 1758)  
*macrocephala*, *Hypsopsetta* Breder 1936 = *Hypsopsetta macrocephala* Breder 1936  
*macrocephala*, *Poecilopsetta* Hoshino, Amaoka & Last 2001 = *Poecilopsetta macrocephala* Hoshino, Amaoka & Last 2001  
*macrochirus*, *Nematops* Norman 1931 = *Nematops macrochirus* Norman 1931  
*macrolepis*, *Ammotretis* McCulloch 1914 = *Ammotretis macrolepis* McCulloch 1914  
*maculosa*, *Limanda angustirostris* Pavlenko 1910 = *Pseudopleuronectes herzensteini* (Jordan & Snyder 1901)  
*maculosa*, *Poecilopsetta* Alcock 1894 = *Poecilopsetta colorata* Günther 1880  
*maldivensis*, *Marleyella* Norman 1939 = *Marleyella maldivensis* Norman 1939  
*marmorata*, *Platessa flesus* Nordmann 1840 = *Platichthys flesus* (Linnaeus 1758)  
*matsuurae*, *Reinhardtius* Jordan & Snyder 1901 = *Reinhardtius hippoglossoides* (Walbaum 1792)  
*maximus*, *Hippoglossus* Gottsche 1835 = *Hippoglossus hippoglossus* (Linnaeus 1758)

*megalepis*, *Poecilopsetta* Fowler 1934 = *Poecilopsetta plinthus* (Jordan & Starks 1904)  
*melanostictus*, *Psettichthys* Girard 1854 = *Psettichthys melanostictus* Girard 1854  
*microcephalus*, *Pleuronectes* Donovan 1803 = *Microstomus kitt* (Walbaum 1792)  
*microstoma*, *Nematops* Günther 1880 = *Nematops microstoma* Günther 1880  
*millari*, *Rhombosolea* Waite 1911 = *Rhombosolea leporina* Günther 1862  
*mochigarei*, *Lepidopsetta* Snyder 1911 = *Lepidopsetta mochigarei* Snyder 1911  
*monopus*, *Rhombosolea* Günther 1862 = *Rhombosolea tapirina* Günther 1862  
*moseri*, *Verasper* Jordan & Gilbert 1898 = *Verasper moseri* Jordan & Gilbert 1898  
*nadeshnyi*, *Acanthopsetta* Schmidt 1904 = *Acanthopsetta nadeshnyi* Schmidt 1904  
*natalensis*, *Poecilopsetta* Norman 1931 = *Poecilopsetta natalensis* Norman 1931  
*nephelus*, *Pleuronichthys* Starks & Thompson 1910 = *Pleuronichthys coenosus* Girard 1854  
*nigromanus*, *Pleuronectes* Nilsson 1829 = *Glyptocephalus cynoglossus* (Linnaeus 1758)  
*normani*, *Poecilopsetta* Foroshchuk & Fedorov 1992 = *Poecilopsetta normani* Foroshchuk & Fedorov 1992  
*novaezealandiae*, *Bowenia* Haast 1873 = *Rhombosolea plebeia* (Richardson 1843)  
*novaezeelandiae*, *Peltorhamphus* Günther 1862 = *Peltorhamphus novaezeelandiae* Günther 1862  
*nudipinnis*, *Ammotretis* Waite 1911 = *Colistium nudipinnis* (Waite 1911)  
*obscurus*, *Pleuronectes* Herzenstein 1890 = *Pseudopleuronectes obscurus* (Herzenstein 1890)  
*oceanica*, *Limanda* Bonaparte 1846 = *Limanda limanda* (Linnaeus 1758)  
*ocellatus*, *Pleuronichthys* Starks & Thompson 1910 = *Pleuronichthys ocellatus* Starks & Thompson 1910  
*ocellatus*, *Psammodiscus* Günther 1862 = *Psammodiscus ocellatus* Günther 1862  
*oleosus*, *Reinhardtius* Tanaka 1918 = *Atheresthes evermanni* Jordan & Starks 1904  
*ostroumowi*, *Glyptocephalus* Pavlenko 1910 = *Glyptocephalus stelleri* (Schmidt 1904)  
*otakii*, *Verasper* Jordan & Snyder 1900 = *Eopsetta grigorjewi* (Herzenstein 1890)  
*pacificus*, *Glyptocephalus* Lockington 1879 = *Microstomus pacificus* (Lockington 1879)  
*pallasii*, *Pleuronectes* Steindachner 1879 = *Pleuronectes quadrituberculatus* Pallas 1814  
*passer*, *Pleuronectes* Linnaeus 1758 = *Platichthys flesus* (Linnaeus 1758)  
*perarcuatus*, *Pleuronectes* Cope 1873 = *Lepidopsetta bilineata* (Ayres 1855)  
*pinetorum*, *Cleisthenes* Jordan & Starks 1904 = *Cleisthenes pinetorum* Jordan & Starks 1904  
*pinguis*, *Pleuronectes* Fabricius 1824 = *Reinhardtius hippoglossoides* (Walbaum 1792)  
*pinnifasciatus*, *Azygopus* Norman 1926 = *Azygopus pinnifasciatus* Norman 1926  
*pinnifasciatus*, *Pleuronectes* Kner 1870 = *Liopsetta pinnifasciata* (Kner 1870)  
*planus*, *Pleuronectes* Mitchill 1814 = *Pseudopleuronectes americanus* (Walbaum 1792)  
*platessa*, *Pleuronectes* Linnaeus 1758 = *Pleuronectes platessa* Linnaeus 1758  
*platessoides*, *Pleuronectes* Fabricius 1780 = *Hippoglossoides platessoides platessoides* (Fabricius 1780)  
*plebeius*, *Rhombus* Richardson 1843 = *Rhombosolea plebeia* (Richardson 1843)  
*plinthus*, *Alaeops* Jordan & Starks 1904 = *Poecilopsetta plinthus* (Jordan & Starks 1904)  
*pola*, *Platessa* Cuvier 1829 = *Microstomus kitt* (Walbaum 1792)  
*polyxystra*, *Lepidopsetta* Orr & Matarese 2000 = *Lepidopsetta polyxystra* Orr & Matarese 2000  
*praelonga*, *Poecilopsetta* Alcock 1894 = *Poecilopsetta praelonga* Alcock 1894  
*proboscidea*, *Limanda* Gilbert 1896 = *Limanda proboscidea* Gilbert 1896  
*propinquus*, *Hippoglossoides* Hubbs 1915 = *Hippoglossoides robustus* Gill & Townsend 1897  
*punctatissimus*, *Hippoglossoides* (*Hippoglossina*) Steindachner 1879 = *Limanda punctatissimus* (Steindachner 1879)  
*pusilla*, *Platessa* DeKay 1842 = *Pseudopleuronectes americanus* (Walbaum 1792)  
*putnami*, *Euchalarodus* Gill 1864 = *Liopsetta putnami* (Gill 1864)

*quadrituberculatus*, *Pleuronectes* Pallas 1814 = *Pleuronectes quadrituberculatus* Pallas 1814  
*retiaria*, *Rhombosolea* Hutton 1874 = *Rhombosolea retiaria* Hutton 1874  
*rikuzenius*, *Dexistes* Jordan & Starks 1904 = *Dexistes rikuzenius* Jordan & Starks 1904  
*ritteri*, *Pleuronichthys* Starks & Morris 1907 = *Pleuronichthys ritteri* Starks & Morris 1907  
*robustus*, *Hippoglossoides* Gill & Townsend 1897 = *Hippoglossoides robustus* Gill & Townsend 1897  
*roseus*, *Pleuronectes* Shaw 1796 = *Platichthys flesus* (Linnaeus 1758)  
*rostratus*, *Ammotretis* Günther 1862 = *Ammotretis rostratus* Günther 1862  
*rugosus*, *Platichthys* Girard 1854 = *Platichthys stellatus* (Pallas 1788)  
*sakhalinensis*, *Limanda* Hubbs 1915 = *Limanda sakhalinensis* Hubbs 1915  
*sasae*, *Glyptocephalus* Snyder 1911 = *Glyptocephalus stelleri* (Schmidt 1904)  
*saxicola*, *Pleuronectes* Faber 1828 = *Glyptocephalus cynoglossus* (Linnaeus 1758)  
*schrenki*, *Limanda* Schmidt 1904 = *Pseudopleuronectes schrenki* (Schmidt 1904)  
*scutifer*, *Pleuronectes* Steindachner 1870 = *Kareius bicoloratus* (Basilewsky 1855)  
*septentrionalis*, *Pleuronectes flesus* Berg 1932 = *Platichthys flesus* (Linnaeus 1758)  
*shuntovi*, *Microstomus* Borets 1983 = *Microstomus shuntovi* Borets 1983  
*stellatus*, *Pleuronectes* Pallas 1788 = *Platichthys stellatus* (Pallas 1787)  
*stelleri*, *Microstomus* Schmidt 1904 = *Glyptocephalus stelleri* (Schmidt 1904)  
*stenolepis*, *Hippoglossus* Schmidt 1904 = *Hippoglossus stenolepis* Schmidt 1904  
*stomias*, *Platysomatichthys* Jordan & Gilbert 1880 = *Atheresthes stomias* (Jordan & Gilbert 1880)  
*tapirina*, *Rhombosolea* Günther 1862 = *Rhombosolea tapirina* Günther 1862  
*tenuis*, *Peltorhamphus* James 1972 = *Peltorhamphus tenuis* James 1972  
*thompsoni*, *Apsetta* Kyle 1901 = *Rhombosolea plebeia* (Richardson 1843)  
*trachurus*, *Pleuronectes flesus* Duncker 1892 = *Platichthys flesus* (Linnaeus 1758)  
*tudori*, *Ammotretis* McCulloch 1914 = *Ammotretis lituratus* (Richardson 1844)  
*umbrarum*, *Boopsetta* Alcock 1896 = *Poecilopsetta praelonga* Alcock 1894  
*umbrosus*, *Platichthys* Girard 1856 = *Lepidopsetta bilineata* (Ayers 1855)  
*uncinata*, *Solea* Klunzinger 1880 = *Ammotretis rostratus* Günther 1862  
*variegata*, *Platessa* Temminck & Schlegel 1846 = *Verasper variegatus* (Temminck & Schlegel 1846)  
*vaynei*, *Poecilopsetta* Quéro, Hensley & Maugé 1988 = *Poecilopsetta vaynei* Quéro, Hensley & Maugé 1988  
*verticalis*, *Pleuronichthys* Jordan & Gilbert 1880 = *Pleuronichthys verticalis* Jordan & Gilbert 1880  
*vetulus*, *Parophrys* Girard 1854 = *Parophrys vetulus* Girard 1854  
*victoriae*, *Pleuronectes* Castelnau 1872 = *Rhombosolea tapirina* Günther 1862  
*vulgaris*, *Flesus* Moreau 1881 = *Platichthys flesus* (Linnaeus 1758)  
*vulgaris*, *Hippoglossus* Fleming 1828 = *Hippoglossus hippoglossus* (Linnaeus 1758)  
*vulgaris*, *Limanda* Gottsche 1835 = *Limanda limanda* (Linnaeus 1758)  
*vulgaris*, *Platessa* Cloquet 1826 = *Pleuronectes platessa* Linnaeus 1758  
*yokohamae*, *Pleuronectes* Günther 1877 = *Pseudopleuronectes yokohamae* (Günther 1877)  
*zachirus*, *Glyptocephalus* Lockington 1879 = *Glyptocephalus zachirus* Lockington 1879  
*zanzibarensis*, *Poecilopsetta* Norman 1939 = *Poecilopsetta zanzibarensis* Norman 1939

**Incertae Sedis Species-Group Names**

*achirus*, *Pleuronectes* Bloch & Schneider 1801:158 [ref. 471].  
*albus*, *Pleuronectes* Bloch & Schneider 1801:159 [ref. 471].  
*annulatus*, *Pleuronectes solea* Walbaum 1792:110 [ref. 4572].  
*aramaca*, *Pleuronectes* Cuvier 1829:341 [ref. 995].  
*argenteus*, *Pleuronectes* Shaw 1803:308 [ref. 4014].

- ater*, *Leptosoma* Nardo 1827:32, 39 (no. 139) [ref. 3146]. Also in Nardo 1827:col. 481 and 487 [ref. 19740]. Unneeded new name for and objective synonym of *Pleuronectoides solea* Nardo 1824. Also seen as *Leptosoma atrum* and *Leptosoma atra*.
- barbatus*, *Pleuronectes* Shaw 1803:309 [ref. 4014].
- cynoglossus*, *Pleuronectes* Nilsson (not of Linnaeus) 1832:53 [ref. 3204].
- fasciatus*, *Pleuronectes* Gronow in Gray 1854:91 [ref. 1911].
- glabra*, *Platessa* Storer 1843:130 [ref. 18831].
- gronovii*, *Solea* Günther 1862:472 [ref. 1969].
- ischyrus*, *Parophrys* Jordan & Gilbert 1880:276 [ref. 10580]. *Parophrys ischyrus* Jordan & Gilbert 1880 is thought to be a hybrid between *Platichthys stellatus* (Pallas 1788) and *Parophrys vetulus* Girard 1854.
- macleayi*, *Ammotretis* Ogilby 1885:122 [ref. 3262].
- maculosus*, *Pleuronectes* Gronow in Gray 1854:89 [ref. 1911].
- magnus*, *Rhombus* Minding 1832:90 [ref. 3022].
- mancus*, *Pleuronectes lunatus* Bloch & Schneider 1801:154 [ref. 471].
- melanogaster*, *Platessa* Higgins 1855:4596, 4914 [ref. 20919].
- microstomus*, *Pleuronectes* Faber 1828:245 [ref. 18075].
- minutus*, *Pleuronectes* Nardo 1847:col. 121 [ref. 17994].
- oshorensis*, *Pseudoplatichthys* Hikita 1934:189 [English p. 11], Pl. 2 (figs. 1–2) [ref. 2160]. This species is thought to be a hybrid between *Platichthys stellatus* (Pallas 1788) and *Kareius bicoloratus* (Basilewsky 1855).
- ovalis*, *Ammotretis* Saville-Kent 1889:10 [ref. 18384].
- ponticus*, *Hippoglossus* Bonaparte 1846:47 [ref. 519].
- quadridens*, *Pleuronectes* Faber 1828:884 [ref. 18076].
- quenselii*, *Pleuronectes* Hollberg 1821:59 [ref. 18304].
- ramosus*, *Rhombus* Michahelles 1831:199 [ref. 17702].
- rhombus*, *Pleuronectes* Bloch & Schneider 1801:145 [ref. 471].
- rhomboides*, *Pleuronectes* Cuvier 1816:222 [ref. 993].
- rondeletii*, *Pleuronectes* Shaw 1803:307 [ref. 4014].
- rostrata*, *Platessa* Storer 1850:268, Pl. 8 (fig. 2) [ref. 18109].
- rostratus*, *Pleuronectes* Gronow in Gray 1854:89 [ref. 1911].
- solea*, *Pleuronectoides* Nardo 1824:233 [ref. 3144].
- taniguchii*, *Pluviopsetta* Tanaka 1916:142 [ref. 4326].
- zonatus*, *Ammotretis* Macleay 1882:367 [ref. 17588].

#### Unavailable Species-Group Names

- baltica*, *Pleuronectes flesus* Suvorov 1925:280 [ref. 19828]. Infrasubspecific. In the synonymy of *Platichthys flesus* (Linnaeus 1758).
- caninensis*, *Pleuronectes flesus* Suvorov 1929:111 [ref. 19829]. Infrasubspecific. In the synonymy of *Platichthys flesus* (Linnaeus 1758).
- fitzingerii*, *Rhombus* Heckel 1848:194 [ref. 18256]. Nomen nudum.
- hippoglossoides*, *Reinhardtius* Gill 1861:50 [ref. 1766]. A new combination for *Pleuronectes hippoglossoides* Walbaum 1792. In the synonymy of *Reinhardtius hippoglossoides* (Walbaum 1792).
- innominatus*, *Pleuronectes* Bloch & Schneider 1801:xxxv, 163 [ref. 471]. The word “innominatus” appears in the index (p. xxxv) referring to unnamed species (f.) described on p. 163. Apparently not a new name proposal, but rather an indication that the indexer did not find a name for this species.
- limanda*, *Hippoglossoides* Gottsche 1835:168 [ref. 1862]. Apparently a new combination for *Pleuronectes limanda* Linnaeus 1758. In the synonymy of *Hippoglossoides platessoides* (Fabricius 1780), subspecies *limandoides* (Bloch 1787).

- passarinus*, *Pleuronectes* Nardo 1847:col. 121 [ref. 17994]. Nomen nudum.
- pictus*, *Pleuronectes* Forster in Bloch & Schneider 1801:161 [ref. 471]. Nomen nudum.
- pola*, *Pleuronectes* Gistel 1848:105 [ref. 1822]. Nomen nudum.
- septentrionalis*, *Pleuronectes flesus* Suvorov 1925:280 [ref. 19828]. Infrasubspecific. In the synonymy of *Platichthys flesus* (Linnaeus 1758), but a valid subspecies as described.
- septentrionalis*, *Hippoglossus* Thon in Ersch & Gruber 1831:335 [ref. 19965]. Replacement name. May be an unneeded new name for *Pleuronectes hippoglossus* Linnaeus 1758. [Needs translation; may be incertae sedis.]
- striatopinnatus*, *Pleuronectes* Tilesius 1805:443 [ref. 19843]. Nomen nudum.

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### Acknowledgments

I am very grateful to Dr. William Eschmeyer (CAS) for his helpful advice on nomenclature problems. I would like to thank Sandra Raredon (USNM) for the digital image of *Neotropus macrops* skeleton. The California Academy of Sciences provided funding toward preparation of the checklist through a grant from the Alfred P. Sloan Foundation. I am deeply grateful to the CAS annotated checklist team, especially William J. Poly and Catherine W. Mecklenburg, for their technical and editorial support.

#### Suggested citation format:

Evseenko, S. A. 2004. Family Pleuronectidae Cuvier 1816 — righteye flounders. *Calif. Acad. Sci. Annotated Checklists of Fishes No. 37*. 37 pp.