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ANNOTATED CHECKLISTS OF FISHES

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Family Pholidae Gill 1893

gunnels

By

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Gunnels are elongate, compressed, blennylike fishes of the marine littoral zone. They bear a close resemblance to pricklebacks (Stichaeidae). One dorsal fin, about twice as long as anal fin and extending from head to caudal fin. Dorsal fin supported by 73–100 stiff spines, anal fin with 1–3 spines in front of 32–53 soft rays; both fins reaching or confluent with base of caudal fin. Caudal fin rounded. Anal fin long, but shorter relative to body length than in pricklebacks. Pectoral fins absent in some gunnel species, minute or very small in others. Pelvic fins rudimentary, consisting of 1 spine and 1 ray; or absent, including pelvic girdle. No fleshy cirri on head or body. One pair of nostrils. Body covered with tiny, inconspicuous, mucus-covered cycloid scales. Mechanosensory canals of head opening through pores typically constant in number: nasal 2, occipital 3, interorbital 1, postorbital 6, suborbital 6, preopercular 5, and mandibular 4. Body lateral line represented by mediolateral row of superficial neuromasts, generally not discernible in preserved material. Teeth small and conical. Gill membranes broadly joined and free from the isthmus. Branchiostegal rays 5 or 6. Pyloric caeca absent. Ribs absent. Abdominal vertebrae with parapophyses united, forming hemal arches (hemonephrapophyses of Makushok 1958 [ref. 2878]). Vertebrae 80–105. Coloration cryptic, from yellow and brown to red or green, often with spots, blotches, and bands. Attain total lengths of about 13–46 cm (5–18 in); largest is the penpoint gunnel, *Apodichthys flavidus*. Mainly inhabit rocky intertidal and shallow subtidal areas, especially among kelp and other macroalgae; often found under rocks or in tidepools in the intertidal zone. Feed on small crustaceans and molluscs. Three genera and 15 species.

All but two gunnel species (*Pholis fasciata* and *P. gunnellus*) occur only in the North Pacific Ocean. From this distribution, authors have supposed the North Pacific to be the center of origin for the group. This hypothesis is supported by the recent discovery of gunnels in Miocene deposits of Sakhalin that had not yet acquired all the derived characters found in extant gunnels. The Miocene gunnels from Sakhalin represent the first fossil record for the family (Nazarkin 2002 [ref. 26849]).

Yatsu (1981 [ref. 4814]) reviewed species in Pholidae, and from a cladistic analysis (Yatsu 1985 [ref. 5149]) reorganized the genera and species. His resurrection of the genus *Rhodymenichthys*, return of *Xerperes* to *Apodichthys*, and classification of *Ulvicola* in *Apodichthys* seem well founded. The classification presented here reflects the argument by Peden and Hughes (1984:291 [ref. 17445]) for retaining species in *Pholis* that Yatsu placed in *Allopholis*.

The Pholidae are most closely related to the Stichaeidae, Zoarcidae, and other northern blennylike fishes (Makushok 1958 [ref. 2878], Gosline 1968 [ref. 26848]) and classified with them in the suborder Zoarcoidei (Nelson 1984 [ref. 13596], 1994 [ref. 26204]). Morphological studies have attested to the monophyly of the Zoarcoidei and the place of Bathymasteridae as the primitive sister group to the others

(Anderson 1984 [ref. 26846], 1994 [ref. 21438]; Kiernan 1990:86 [ref. 26625]; Imamura and Yabe 2002 [ref. 26810]), but the exact relationships of the Pholidae to other zoarcoids and their place in the phylogeny of Perciformes are still a matter for study. A preliminary analysis (Anderson 1984 [ref. 26846]) including representatives of all the zoarcoid families placed Pholidae in a clade with two other families of littoral fishes, the Stichaeidae and Scytalinidae, united by having a long, low skull; the Pholidae and Scytalinidae share loss of the pleural ribs.

Pholidae Gill 1893 [ref. 26255] is the preferred family-group name. Earlier names based on some of the synonyms, such as Gunnelliformes Bleeker 1859 [ref. 371] and Muraenoides Lacepède 1800 [ref. 2709], have not been in use since the nineteenth century. Therefore, conditions of Article 23.9.1 of the International Code of Zoological Nomenclature pertain. Although the spelling Pholididae is grammatically correct, the spelling Pholidae is allowed under Article 29.

Genus *Apodichthys* Girard 1854

Apodichthys Girard 1854:150 [ref. 5769]. Type species *Apodichthys flavidus* Girard 1854. Type by subsequent designation.

Xererpes Jordan & Gilbert in Jordan & Starks 1895:846 [ref. 2522]. Type species *Apodichthys fucorum* Jordan & Gilbert 1880. Type by monotypy.

Ulvicola Gilbert & Starks in Gilbert 1897:455 [ref. 1629]. Type species *Ulvicola sanctaerosae* Gilbert & Starks 1897. Type by monotypy.

***Apodichthys flavidus* Girard 1854**

Apodichthys flavidus Girard 1854:150 [ref. 5769] (Presidio, San Francisco, California, U.S.A.). Holotype (unique): USNM 494.

Apodichthys virescens Ayres 1855:55 [ref. 159] (San Francisco Bay, California, U.S.A.). Lectotype: USNM 496.

Apodichthys inornatus Gill 1862:279 [ref. 1666] (Puget Sound, Washington, U.S.A.). Holotype (unique): USNM, lost.

Apodichthys sanguineus Gill 1862:279 [ref. 1666] (California, U.S.A.). Syntypes: USNM (2), lost.

Apodichthys univittatus Lockington 1881:119 [ref. 14288] (Baja California, Mexico [but probably from southern California]). Holotype (unique): lost.

DISTRIBUTION: Eastern North Pacific: Kodiak Island, Alaska, to southern California.

***Apodichthys fucorum* Jordan & Gilbert 1880**

Apodichthys fucorum Jordan & Gilbert 1880:139 [ref. 10594] (Point Pinos, near Monterey, California, U.S.A.). Lectotype: USNM 26994.

DISTRIBUTION: Eastern North Pacific: northern British Columbia to central Baja California.

REMARK: The lectotype was designated by Springer and Anderson (1997:6 [ref. 22953]).

***Apodichthys sanctaerosae* (Gilbert & Starks 1897)**

Ulvicola sanctaerosae Gilbert & Starks in Gilbert 1897:455, Pl. 55 (fig. 2) [ref. 1629] (Santa Rosa I., California, U.S.A.). Holotype (unique): USNM 47579.

DISTRIBUTION: Eastern North Pacific: central California to northern Baja California.

REMARKS: Still classified by some authors in *Ulvicola*.

Genus *Pholis* Scopoli 1777

Pholis Scopoli (ex Gronow) 1777:456 [ref. 3990]. Type species *Blennius gunnellus* Linnaeus 1758. Type by monotypy.

Muraenoides Lacepède 1800:324 [ref. 2709]. Type species *Muraenoides sufej* Lacepède 1800. Type by monotypy.

Centronotus Bloch & Schneider 1801:165 [ref. 471]. Type species *Blennius gunnellus* Linnaeus 1758. Type by subsequent designation.

Dactyleptus Rafinesque 1815:82 [ref. 3584]. Type species *Blennius muraenoides* Zuiew 1779. Type by being a replacement name.

Gunnellus Fleming 1828:207 [ref. 1339]. Type species *Gunnellus vulgaris* Fleming 1828. Type by monotypy.

Ophisomus Swainson 1839:73, 83, 183, 277 [ref. 4303]. Type species *Blennius gunnellus* Linnaeus 1758. Type by being a replacement name.

Urocentrus Kner 1868:30 [ref. 6074]. Type species *Urocentrus pictus* Kner 1868. Type by monotypy.

Enedrias Jordan & Gilbert in Jordan & Evermann 1898:2414 [ref. 2445]. Type species *Gunnellus nebulosus* Temminck & Schlegel 1845. Type by original designation (also monotypic).

Allopholis Yatsu 1981:178 [ref. 4814]. Type species *Centronotus laetus* Cope 1873. Type by original designation.

REMARKS: Makushok (in Hureau and Monod 1973:534 [ref. 6590]) gives *Pholis* as masculine in gender, but Eschmeyer (1990:312 [ref. 23276], 1998:2074 [ref. 23416]) gives it as feminine.

The type of *Centronotus* Bloch & Schneider 1801 was designated by Bory de Saint-Vincent (1835:597 (v. 7) [ref. 3853]); see Whitley (1935:137 [ref. 6396]). The type was not *C. fasciatus* Bloch & Schneider 1801 as recorded by Jordan (1917:58 [ref. 2407]).

Dactyleptus Rafinesque is an unneeded new name for *Muraenoides* Lacepède. *Ophisomus* Swainson is an unneeded new name for *Gunnellus* Fleming.

***Pholis clemensi* Rosenblatt 1964**

Pholis clemensi Rosenblatt 1964:935, Figs. 1–2 [ref. 3399] (southeast side of Bowyer I., Howe Sound, British Columbia, Canada, 9–12 m). Holotype: UBC 63-910.

DISTRIBUTION: Eastern North Pacific: southeastern Alaska to northern California. Entirely subtidal, reported as deep as 64 m.

REMARKS: Classified by some authors in *Allopholis*.

***Pholis crassispina* (Temminck & Schlegel 1845)**

Gunnellus crassispina Temminck & Schlegel 1845:139 [ref. 4373] (Japan). Holotype (unique): RMNH 1781.

DISTRIBUTION: Western North Pacific: around Japan from Hokkaido to Kyushu, the Korean Peninsula, and Yellow Sea to Gulf of Pohai (Bo Hai, Chihli), China.

REMARKS: Classified by some authors in *Enedrias*.

***Pholis fangi* (Wang & Wang 1935)**

Enedrias fangi Wang & Wang 1935:215, Fig. 39 [ref. 17227] (Chefoo, Shantung Province, China). Holotype (unique): SSCN 7120.

DISTRIBUTION: Western North Pacific: Gulf of Pohai, Yellow Sea; and northern part of East China Sea.

***Pholis fasciata* (Bloch & Schneider 1801)**

Centronotus fasciatus Bloch & Schneider 1801:165, Pl. 37 (upper fig.) [ref. 471] (west Greenland [incorrectly given as Tranquebar, East Indies]). Syntypes: ZMB 2000 (3).

Blennius taenia Pallas 1814:178 [ref. 3351] (Kurul Is.). No types known.

Gunnellus groenlandicus Reinhardt 1830:19 [ref. 19480] (Greenland). No types known.

Centronotus gunnelliformis Günther (ex Rüppell) 1861:288 [ref. 1964] (Greenland). Holotype (unique): SMF 1849 [ex ZMUC 1835] (poor condition).

Muraenoides maxillaris Bean 1881:147 [ref. 223] (Saint Paul I., Pribilof Is., Bering Sea, Alaska, U.S.A.). Holotype (unique): USNM 23999, discarded.

Pholis gilli Evermann & Goldsborough 1907:337, Fig. 110 [ref. 6532] (Bering Sea). Holotype (unique): USNM 57826.

Allopholis piskunovi Borets 1988:66 [ref. 16220] (Shelikhov Gulf, 60°20'N, 160°50'E, Okhotsk Sea, Russia, 94 m). Holotype (unique): ZIN 48101.

DISTRIBUTION: Western North Atlantic, Arctic, North Pacific: Greenland, Labrador, Arctic Canada and Alaska to western Gulf of Alaska and Okhotsk and Japan seas. Entirely subtidal, reported to maximum depth of 46 m.

REMARKS: *Gunnellus groenlandicus* is sometimes attributed to Valenciennes in Cuvier & Valenciennes 1836 [ref. 1005] or to Reinhardt 1836 [ref. 6587], but the name was used earlier. The first use evidently was by Reinhardt (1830 [ref. 19480]) as *G. Grönlandicus*, with the genus assumed to be *Gunnellus* Fleming.

Specimen USNM 124966, sometimes listed as a paratype of *Pholis gilli*, is from a lot (USBF 1638) listed in the museum ledger as “cotypes,” but it is not a type. Evermann and Goldsborough (1907:338) clearly stated that their description was based on one specimen which they identified as USNM 57826. They did not mention additional specimens. The type locality is correctly Bering Sea. It is not known whether the specimen was collected in Russian or American waters.

In comparing the new nominal species *Allopholis piskunovi* to other pholids, Borets (1988:66 [ref. 16220]) overlooked *P. fasciata*.

***Pholis gunnellus* (Linnaeus 1758)**

Blennius gunnellus Linnaeus 1758:257 [ref. 2787] (Atlantic Ocean). Syntypes: NRM 37 (1), others not found.

Ophidion imberbe Linnaeus 1758:259 [ref. 2787] (Europe [France]). No types known.

Gunnellus cornubiensium Seba 1759:91, Pl. 30 (fig. 6) [ref. 18716]. No types known.

Blennius europaeus Olafsen 1772:81 [ref. 18493] (Iceland). No types known.

Blennius muraenoides Zuiew 1779:195, Pl. 6 (fig. 1) [ref. 17712] (probably Baltic Sea). No types known.

Muraenoides sujef Lacepède 1800:324, 325 [ref. 2709].

Ophidium fulvescens Rafinesque 1810:38 [ref. 3595].

Ophidium mucronatum Mitchill 1815:361, Pl. 1 (fig. 1) [ref. 13292] (New York, U.S.A.). No types known.

Gunnellus vulgaris Fleming 1828:207 [ref. 1339] (England). No types known.

Gunnellus affinis Reinhardt 1837:114, 223 [ref. 3691] (Julianehaab, southwest Greenland). Syntypes: ZMUC 458, 459, 510.

Gunnellus macrocephalus Girard in Storer 1850:263 [ref. 18109] (Chelsea Beach, Massachusetts, U.S.A.). Holotype (unique): ?MCZ.

Gunnellus ingens Storer 1850:261, Pl. 8 (fig. 1) [ref. 18109] (St. Mary's I. to Strait of Belle Isle, Labrador, Canada). Syntypes: whereabouts unknown.

DISTRIBUTION: North Atlantic and Arctic: Greenland and Labrador to Delaware Bay; Iceland and European coasts from Bay of Biscay to White Sea (Kanin Peninsula). Intertidal and to water depths of 100 m or more.

REMARKS: Zuiew (author of *B. muraenoides*) is also seen as Zuiev, Zouiew, Zouiev, Zouieve, and Sujef.

Muraenoides sujef Lacepède is an unneeded new name for *Blennius muraenoides* Zuiew.

Ophidium fulvescens Rafinesque is an unneeded new name for *Ophidium imberbe* Linnaeus.

The specimens listed in the MNHN type catalog (Bauchot 1967:59–60 [ref. 20734]) for *Gunnellus vulgaris* Valenciennes in Cuvier & Valenciennes 1836 evidently are not types, but are

specimens examined and described by Valenciennes in support of placing *G. vulgaris* in the synonymy of *Blennioides gunnellus* Linnaeus. *Gunnellus vulgaris* is correctly attributed to Fleming 1828.

The type of *G. macrocephalus* Girard evidently is missing. According to Girard (in Storer 1850:263 [ref. 18109]), “it is preserved in Prof. Agassiz’s cabinet.” However, searches of the MCZ collection in recent years have failed to locate the specimen.

***Pholis laeta* (Cope 1873)**

Centronotus laetus Cope 1873:27 [4] [ref. 929] (Sitka or Unalaska, Alaska, U.S.A.). Syntypes: ANSP 10504-05 (2, missing).

DISTRIBUTION: North Pacific: Aleutian Islands and north side of Alaska Peninsula to northern California and to Commander Islands and southeastern Kamchatka.

REMARKS: Classified by some authors in *Allopholis*.

***Pholis nea* Peden & Hughes 1984**

Pholis nea Peden & Hughes 1984:301, Fig. 3 [ref. 17445] (Hokkaido, Japan, 42°08'N, 142°54'E). Holotype: NSMT-P 17303.

DISTRIBUTION: Western North Pacific: southern Hokkaido. *Pholis ornata* reported by authors from Peter the Great Bay and the Korean Peninsula (Japan Sea) may be this species.

REMARKS: Classified by some authors as a subspecies of *P. ornata*.

***Pholis nebulosa* (Temminck & Schlegel 1845)**

Gunnellus nebulosus Temminck & Schlegel 1845:138, Pl. 73 (fig. 2) [ref. 4373] (Bay of Mogi, near Nagasaki, Japan). Lectotype: RMNH 1788.

Centronotus subfrenatus Gill 1859:146 [ref. 1762] (Shimoda, Japan). Lectotype: USNM 5693.

DISTRIBUTION: Western North Pacific: around Japan from southern Hokkaido to Nagasaki Prefecture, Kyushu Island.

REMARKS: Since *Pholis* is feminine in gender (Eschmeyer 1990:312 [ref. 23276], 1998:2074 [ref. 23416]), the species-group name is correctly spelled *nebulosa*. Sometimes classified in *Enedrias*.

The lectotype of *Gunnellus nebulosus* Temminck & Schlegel 1845 was designated by Boeseman (1947:118 [ref. 12876]). The lectotype of *Centronotus subfrenatus* Gill 1859 was designated by Springer and Anderson (1997:7 [ref. 22953]).

***Pholis ornata* (Girard 1854)**

Gunnellus ornatus Girard 1854:149 [ref. 5769] (Presidio, San Francisco, California, U.S.A.). Holotype (unique): USNM 490.

DISTRIBUTION: Eastern North Pacific: southern British Columbia to central California.

REMARKS: Authors giving range to western North Pacific classify *P. nea* as a synonym of *P. ornata*.

***Pholis picta* (Kner 1868)**

Urocentrus pictus Kner 1868:30 [ref. 6074] (“Singapore” [probably Decastris Bay, Tatar Strait, n. Sea of Japan]). Holotype (unique): NMW 4331.

DISTRIBUTION: Western North Pacific: southeastern Kamchatka, Kuril Islands, and Japan Sea coasts from Hokkaido to Korean Peninsula.

***Pholis schultzi* Schultz 1931**

Pholis schultzi Schultz (ex Hubbs) 1931:45 [ref. 10120] (Cape Johnson, Washington, U.S.A.). Lectotype: USNM 195955.

DISTRIBUTION: Eastern North Pacific: southern British Columbia to central California.

REMARKS: When designating the lectotype, Schultz and Hubbs (1961:477 [ref. 3949]) expressed their intent to apply to the International Commission on Zoological Nomenclature for suspension

of the rules in order to retain usage, prevailing at that time, attributing the species to Hubbs. Evidently, the application was not submitted. This species is classified by some authors in *Allopholis*.

Genus *Rhodymenichthys* Jordan & Evermann 1896

Rhodymenichthys Jordan & Evermann 1896:474 [ref. 2442]. Type species *Gunnellus ruberrimus* Valenciennes 1836. Type by original designation.

***Rhodymenichthys dolichogaster* (Pallas 1814)**

Blennius dolichogaster Pallas 1814:175, Pl. 2 (fig. 2) [ref. 3351] (Kamchatka, Russia). No types known.

Gunnellus ruberrimus Valenciennes in Cuvier & Valenciennes 1836:440 [ref. 1005] (Kuril Is.). No types known.

Centronotus taczanowskii Steindachner 1881:261 [24], Pl. 3 (fig. 1) [ref. 4230] (Strelok Strait, Peter the Great Bay, Russia). Syntypes (several): NMW 72065 (2), others not found.

DISTRIBUTION: North Pacific: coasts of Bering Sea and Aleutian–Commander chain to Okhotsk and Japan seas.

REMARKS: The form *taczanowskii*, occurring from the Korean Peninsula to northern Japan, is sometimes treated as a valid species or as a subspecies of *R. dolichogaster*. Geographic variation in meristics indicates separation is not warranted (Miki 1986:949 [ref. 6330]).

Summary Lists

Genus-Group Names of Family Pholidae

Allopholis Yatsu 1981 = *Pholis* Scopoli 1777

Apodichthys Girard 1854 = *Apodichthys* Girard 1854

Centronotus Bloch & Schneider 1801 = *Pholis* Scopoli 1777

Dactyleptus Rafinesque 1815 = *Pholis* Scopoli 1777

Enedrias Jordan & Gilbert 1898 = *Pholis* Scopoli 1777

Gunnellus Fleming 1828 = *Pholis* Scopoli 1777

Muraenoides Lacepède 1800 = *Pholis* Scopoli 1777

Ophisomus Swainson 1839 = *Pholis* Scopoli 1777

Pholis Scopoli 1777 = *Pholis* Scopoli 1777

Rhodymenichthys Jordan & Evermann 1896 = *Rhodymenichthys* Jordan & Evermann 1896

Ulvicola Gilbert & Starks 1897 = *Apodichthys* Girard 1854

Urocentrus Kner 1868 = *Pholis* Scopoli 1777

Xererpes Jordan & Gilbert 1895 = *Apodichthys* Girard 1854

Incertae Sedis Genus-Group Names

Gunnellops Bleeker 1874:368 [ref. 435]. Type species *Blennius roseus* Pallas 1814. Type by original designation (also monotypic).

Unavailable Genus-Group Names

Asternoptyryx Günther 1861:288 [ref. 1964]. Nomen nudum. In the synonymy of *Pholis* Scopoli 1777.

Pholidus Rafinesque 1815:82 [ref. 3584]. Nomen nudum. Evidently an incorrect subsequent spelling of *Pholis* Gronow, which is *Pholis* Scopoli 1777.

Pholis Gronow 1763:78 [ref. 1910]. Suppressed. Published in a rejected work placed on the Official Index (Opinion 261). In the synonymy of *Pholis* Scopoli 1777.

Species-Group Names of Family Pholidae

affinis, *Gunnellus* Reinhardt 1837 = *Pholis gunnellus* (Linnaeus 1758)
clemensi, *Pholis* Rosenblatt 1964 = *Pholis clemensi* Rosenblatt 1964
cornubiensium, *Gunnellus* Seba 1759 = *Pholis gunnellus* (Linnaeus 1758)
crassispina, *Gunellus* Temminck & Schlegel 1845 = *Pholis crassispina* (Temminck & Schlegel 1845)
dolichogaster, *Blennius* Pallas 1814 = *Rhodymenichthys dolichogaster* (Pallas 1814)
europaeus, *Blennius* Olafsen 1772 = *Pholis gunnellus* (Linnaeus 1758)
fangi, *Enedrias* Wang & Wang 1935 = *Pholis fangi* (Wang & Wang 1935)
fasciatus, *Centronotus* Bloch & Schneider 1801 = *Pholis fasciata* (Bloch & Schneider 1801)
flavidus, *Apodichthys* Girard 1854 = *Apodichthys flavidus* Girard 1854
fucorum, *Apodichthys* Jordan & Gilbert 1880 = *Apodichthys fucorum* Jordan & Gilbert 1880
fulvescens, *Ophidium* Rafinesque 1810 = *Pholis gunnellus* (Linnaeus 1758)
gilli, *Pholis* Evermann & Goldsborough 1907 = *Pholis fasciata* (Bloch & Schneider 1801)
groenlandicus, *Gunnellus* Reinhardt 1830 = *Pholis fasciata* (Bloch & Schneider 1801)
gunnelliformis, *Centronotus* Günther 1861 = *Pholis fasciata* (Bloch & Schneider 1801)
gunnellus, *Blennius* Linnaeus 1758 = *Pholis gunnellus* (Linnaeus 1758)
imberbe, *Ophidion* Linnaeus 1758 = *Pholis gunnellus* (Linnaeus 1758)
ingens, *Gunnellus* Storer 1850 = *Pholis gunnellus* (Linnaeus 1758)
inornatus, *Apodichthys* Gill 1862 = *Apodichthys flavidus* Girard 1854
laetus, *Centronotus* Cope 1873 = *Pholis laeta* (Cope 1873)
macrocephalus, *Gunnellus* Girard 1850 = *Pholis gunnellus* (Linnaeus 1758)
maxillaris, *Muraenoides* Bean 1881 = *Pholis fasciata* (Bloch & Schneider 1801)
mucronatum, *Ophidium* Mitchill 1815 = *Pholis gunnellus* (Linnaeus 1758)
muraenoides, *Blennius* Zuiew 1779 = *Pholis gunnellus* (Linnaeus 1758)
nea, *Pholis* Peden & Hughes 1984 = *Pholis nea* Peden & Hughes 1984
nebulosus, *Gunnellus* Temminck & Schlegel 1845 = *Pholis nebulosa* (Temminck & Schlegel 1845)
ornatus, *Gunellus* Girard 1854 = *Pholis ornata* (Girard 1854)
pictus, *Urocentrus* Kner 1868 = *Pholis picta* (Kner 1868)
piskunovi, *Allopholis* Borets 1988 = *Pholis fasciata* (Bloch & Schneider 1801)
ruberrimus, *Gunnellus* Valenciennes 1836 = *Rhodymenichthys dolichogaster* (Pallas 1814)
sanctaerosae, *Ulvicola* Gilbert & Starks 1897 = *Apodichthys sanctaerosae* (Gilbert & Starks 1897)
sanguineus, *Apodichthys* Gill 1862 = *Apodichthys flavidus* Girard 1854
schultzi, *Pholis* Schultz 1931 = *Pholis schultzi* Schultz 1931
subfrenatus, *Centronotus* Gill 1859 = *Pholis nebulosa* (Temminck & Schlegel 1845)
sujef, *Muraenoides* Lacepède 1800 = *Pholis gunnellus* (Linnaeus 1758)
taczanowskii, *Centronotus* Steindachner 1881 = *Rhodymenichthys dolichogaster* (Pallas 1814)
taenia, *Blennius* Pallas 1814 = *Pholis fasciata* (Bloch & Schneider 1801)
univittatus, *Apodichthys* Lockington 1881 = *Apodichthys flavidus* Girard 1854
virescens, *Apodichthys* Ayres 1855 = *Apodichthys flavidus* Girard 1854
vulgaris, *Gunnellus* Fleming 1828 = *Pholis gunnellus* (Linnaeus 1758)

Uncertain Species-Group Names

None

Unavailable Species-Group Names

- guttata*, *Muraenoides* Yarrell 1836:239 [ref. 4812]. Nomen nudum. In the synonymy of *Pholis gunnellus* (Linnaeus 1758).
- muraenoides*, *Gunnellus* Valenciennes 1837:916, Pl. 78 [ref. 17868]. Not an original description, although sometimes treated as such; evidently a new combination. In the synonymy of *Pholis fasciata* (Bloch & Schneider 1801).
- vulgaris*, *Gunnellus* Valenciennes in Cuvier & Valenciennes 1836:419 [ref. 1005]. Not an original description, but treated as such by Bauchot 1967:59–60 [ref. 20734].

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