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ANNOTATED CHECKLISTS OF FISHES

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Family Polynemidae Rafinesque 1815

threadfins

By

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Threadfins are epibenthic perciform fishes of shallow tropical and subtropical, primarily marine, waters. They are mostly dull silvery or brownish, and are most readily identified by their long, threadlike, lower pectoral fin rays. Body elongate to moderately deep, compressed. Snout obtusely conical, overhanging. Adipose eyelid (firm transparent gelatinous tissue) covering eye; infraorbitals 5 (except 3 in *Parapoly-nemus*). Mouth ventral, nearly horizontal, and large; lip on upper jaw absent or poorly developed; maxilla extending beyond level of posterior margin of eye; supramaxilla absent. Teeth villiform, in broad bands on jaws, vomer, palatines, and ectopterygoids (vomerine teeth absent in some species); canine, molariform, or incisiform teeth absent. Posterior margin of preopercle serrated (without serrations in *Parapoly-nemus* and *Pentanemus*). Branchiostegal rays 7, with 1 present on epiphyal. Two widely separated dorsal fins; first dorsal fin with 8 spines (7 spines in two *Polynemus* species); second dorsal fin with 1 spine and 11–18 soft rays. Anal fin with 3 spines and 10–18 soft rays (2 spines in two *Polynemus* species and 24–30 soft rays in *Pentanemus*; the last dorsal and anal fin soft rays usually split to their base but counted as a single ray). Pectoral fins divided into an upper part with 12–19 rays joined by membrane and a lower part with 3–11 separate rays (pectoral filaments) (14–16 separate rays in one *Polynemus* species). Pelvic fin with 1 spine and 5 soft rays; scaly process (axillary scale) present at base of pelvic fin. Caudal fin deeply forked. Trisegmental pterygiophores absent. Scales weakly ctenoid, extending onto head and covering most of dorsal, pectoral, anal, and caudal fins. Lateral line simple, extending from upper end of gill opening to posterior margin of caudal fin membrane (lateral line bifurcating on caudal fin base in five *Polydactylus* species and divided into 3 lines on caudal fin base and membrane in two *Eleutheronema* species). Total vertebrae 24 or 25: 10 precaudal and 14 caudal, except 15 caudal in *Eleutheronema* and *Polynemus*; supraneural bones 0–3.

Threadfins are found in the tropical and subtropical waters of all oceans. Most species occur in coastal waters and estuaries; some (*Polynemus* species and *Polydactylus macrophthalmus*) live in entirely fresh-water rivers. Threadfins generally occur on sandy and muddy bottoms in depths less than 150 m, although juveniles are found in seagrass beds and tidepools. Most threadfins generally feed on a variety of fishes and crustaceans. A few small species (e.g., *Filimanus* species) have numerous gill rakers adapted for plankton feeding. Young stages of most threadfins also feed on plankton, some species later becoming piscivorous. Most threadfins exhibit protandry, their sex changing from male to female with growth. Reach 2 m (6.6 feet) maximum total length, reported for *Eleutheronema tetradactylum*.

The family name is attributed to Rafinesque (1815:87 [ref. 3584]), who used the name Polinemia as a subfamily based on the genus *Polynemus*. The family as it is currently known has been reviewed in its entirety by Motomura (in press [ref. 27210]). Most genera have been revised individually in recent years:

Eleutheronema by Motomura et al. (2001 [ref. 25954]), *Filimanus* by Feltes (1991 [ref. 14760]), *Galeoides* by Motomura et al. (2001 [ref. 25384]), *Leptomelanosoma* by Motomura and Iwatsuki (2001 [ref. 25242]), *Parapolynemus* by Feltes (1993 [ref. 20316]), Indo-Pacific *Polydactylus* by Motomura (2002 [ref. 26356]), and eastern Pacific *Polydactylus* by Motomura et al. (2002 [ref. 26500]). A revision of the genus *Polynemus* is in progress by the author and coworkers (e.g., Motomura and Sabaj 2002 [ref. 26155], Motomura et al. 2002 [ref. 26494], Motomura 2003 [ref. 26829], Motomura and van Oijen 2003 [ref. 27209]).

Genus *Eleutheronema* Bleeker 1862

Eleutheronema Bleeker 1862:110 [ref. 387]. Type species *Polynemus tetradactylus* Shaw 1804. Type by monotypy.

***Eleutheronema rhadinum* (Jordan & Evermann 1902)**

Polydactylus rhadinus Jordan & Evermann 1902:351, Fig. 20 [ref. 2447] (Linkou, Taipei, Taiwan). Neotype: ASIZP 60745.

DISTRIBUTION: East Asia (China, Taiwan, Japan, and Vietnam).

REMARKS: This species, previously treated as a junior synonym of *Polynemus tetradactylus* (= *E. tetradactylum*), was redescribed as a valid species by Motomura et al. (2002 [ref. 25954]), who selected a neotype (p. 51) and discussed intraspecific variations and morphological changes with growth. Recently, a single specimen was reported from northern Vietnam (Motomura 2003 [ref. 27186]).

***Eleutheronema tetradactylum* (Shaw 1804)**

Polynemus tetradactylus Shaw 1804:155 [ref. 4015] (Gariahat, Calcutta, India). Neotype: NSMT-P 60912.

Polynemus teria Hamilton 1822:224, 381 [ref. 2031] (Gangetic estuaries, India). No types known.

Polynemus coecus Macleay 1878:354, Pl. 9 (fig. 1) [ref. 17573] (Darwin, Northern Territory, Australia). Syntypes: AMS I.9791 (1), I.16295-001 [ex MAMU F325] (1).

DISTRIBUTION: Indo-West Pacific: Persian Gulf to Australia.

REMARKS: *Polynemus tetradactylus* was originally described on the basis of a drawing in Russell (1803:67, Fig. 183 [ref. 13862]). The species was redescribed in detail by Motomura et al. (2002 [ref. 25954]), with designation of a neotype (p. 52) and discussion of the species' synonymy, intraspecific variations, and morphological changes with growth.

***Eleutheronema tridactylum* (Bleeker 1849)**

Polynemus tridactylus Bleeker 1849:57 [ref. 318] (Jakarta [Batavia], Java, Indonesia). Holotype (unique): RMNH 6012.

DISTRIBUTION: Indo-West Pacific: Thailand, Malaysia, and western Indonesia.

REMARKS: Appeared first without distinguishing features in Bleeker 1845:524 [ref. 312] and spelled *tridactijlus* (all instances of the letter *y* were replaced with *ij*, the Dutch *ij* equivalent to Latin *y*, in the paper). The holotype of *P. tridactylus* was determined from eight Bleeker specimens by Motomura et al. (2002:57 [ref. 25954]), who provided a detailed redescription of the species with a discussion of its intraspecific variations and morphological changes with growth.

Genus *Filimanus* Myers 1936

Filimanus Myers 1936:380 [ref. 3112]. Type species *Filimanus perplexa* Feltes 1991. Type by subsequent designation.

REMARKS: The genus was based on a misidentified type species, *melanochir* of Valenciennes misidentified by Myers; Feltes (1991 [ref. 14760]) gave *melanochir* of Myers the new name *Filimanus perplexa*. In Opinion 1761, the International Commission on Zoological Nomenclature established *perplexa* as the type species of *Filimanus* Myers 1936.

***Filimanus heptadactyla* (Cuvier 1829)**

Polynemus heptadactylus Cuvier in Cuvier & Valenciennes 1829:390 [ref. 4879] (Jakarta [Batavia], Java, Indonesia). No types known.

DISTRIBUTION: Western Pacific: east coast of Malay Peninsula to Indonesia, and Papua New Guinea.

REMARKS: The original description of the species was based on a drawing. This drawing was reproduced in Feltes (1991:313 [ref. 14760]), who provided a detailed redescription of the species including a discussion of its geographic variations.

***Filimanus hexanema* (Cuvier 1829)**

Polynemus hexanemus Cuvier in Cuvier & Valenciennes 1829:389 [ref. 4879] (Jakarta [Batavia], Java, Indonesia). No types known.

Polynemus senarius Gronow in Gray 1854:176 [ref. 1911] (Indian Ocean?). Holotype: BMNH 1853.11.12.59.

DISTRIBUTION: Western Java, Indonesia.

REMARKS: *Polynemus hexanemus* Cuvier was described on the basis of a drawing. This drawing was reproduced in Feltes (1991:313 [ref. 14760]), who provided a detailed redescription of the species including a discussion of its synonymy. Color of freshly dead specimens was reported for the first time by Motomura et al. (2001 [ref. 25193]).

***Filimanus perplexa* Feltes 1991**

Filimanus perplexa Feltes 1991:307, Fig. 5 [ref. 14760] (west of Denpasar, Bali, Indonesia, 8°43'S, 115°00'E, 33–34 m). Holotype: BMNH 1988.4.6.1.

DISTRIBUTION: Indo-West Pacific: Andaman Sea to Sumatra and Java, Indonesia.

REMARKS: Although Feltes (1991 [ref. 14760]) described this species on the basis of 26 specimens (holotype and 25 paratypes), 2 paratypes were not listed in his paper; thus the present whereabouts of those 2 paratypes are unknown. *Filimanus perplexa* was originally described from Indonesia. Recently, a single specimen was reported from the Andaman Sea, Thailand (Motomura et al. 2000 [ref. 25298]).

***Filimanus sealei* (Jordan & Richardson 1910)**

Polydactylus sealei Jordan & Richardson 1910:16 [ref. 6598] (Zamboanga, Philippines). Holotype (unique): USNM 57844.

Polydactylus opercularis Seale & Bean 1907:234, Fig. 4 [ref. 4002] (Zamboanga, Philippines). Holotype (unique): USNM 57844.

DISTRIBUTION: Western Pacific: Philippines to New Guinea and Solomon Islands.

REMARKS: *Polydactylus opercularis* Seale & Bean 1907 is a junior secondary homonym of *Trichidion opercularis* Gill 1863. *Polydactylus sealei* Jordan & Richardson 1910 is a replacement name for *P. opercularis* Seale & Bean. This species was redescribed in detail with a discussion of its synonymy by Feltes (1991 [ref. 14760]).

***Filimanus similis* Feltes 1991**

Filimanus similis Feltes 1991:318, Fig. 12 [ref. 14760] (Beruwala, Sri Lanka). Holotype: USNM 304495.

DISTRIBUTION: Indian Ocean: Pakistan to west coast of Malay Peninsula.

***Filimanus xanthonema* (Valenciennes 1831)**

Polynemus xanthonemus Valenciennes in Cuvier & Valenciennes 1831:517 [ref. 4881] (Pondicherry, India). Lectotype: MNHN A-3033 (larger specimen).

Polynemus diagrammicus Bleeker 1849:60 [ref. 318] (Jakarta [Batavia], Java, Indonesia). No types known.

Polynemus pfeifferi Bleeker 1853:249 [ref. 12580] (Priaman, Sumatra, Indonesia). Holotype (unique): probably in RMNH 6008 (5 specimens).

Polydactylus konadaensis Mishra & Krishnan 1993:285, Fig. [ref. 23743] (Konada, Andhra Pradesh, India). Holotype: ZSI/MBS-F-631.

DISTRIBUTION: Indo-West Pacific: east coast of India to Indonesia.

REMARKS: The lectotype of *Polynemus xanthonemus* Valenciennes was designated by Feltes (1991:319 [ref. 14760]). The name *P. diagrammicus* appeared first in Bleeker (1845:527 [ref. 312]), apparently without distinguishing features. This species was redescribed in detail with a discussion of its synonymy by Feltes (1991 [ref. 14760]). Subsequently, *Polydactylus konadaensis* Mishra & Krishnan was synonymized with *Filimanus xanthonema* by Motomura et al. (2001 [ref. 25385]).

Genus *Galeoides* Günther 1860

Galeoides Günther 1860:319, 332 [ref. 1963]. Type species *Polynemus polydactylus* Vahl 1798. Type by monotypy.

REMARKS: *Galeoides* has generally been considered to contain two species (*G. decadactylus* and *G. microps*), but Motomura et al. (2001 [ref. 25705]) presented evidence that the genus is monotypic.

Galeoides decadactylus (Bloch 1795)

Polynemus decadactylus Bloch 1795:26, Pl. 401 [ref. 464] (Guinea). Holotype (unique): ZMB 569 (1, poor condition).

Polynemus polydactylus Vahl 1798:164 [ref. 17848] (near Tangier, Morocco). No types known.

Polynemus enneadactylus Cuvier in Cuvier & Valenciennes 1829:392 [ref. 4879] (Tangier, Morocco). No types known.

Polynemus astrolabi Sauvage 1881:102 [2 of separate] [ref. 18664] (Mauritius [probably erroneous, probably w. coast of Africa]). Holotype (unique): MNHN 9727.

DISTRIBUTION: Eastern Atlantic: Algeria to Namibia.

REMARKS: The synonymy, morphological changes with growth, and diagnostic characters of the species were discussed by Motomura et al. (2001 [ref. 25384]).

Genus *Leptomelanosoma* Motomura & Iwatsuki 2001

Leptomelanosoma Motomura & Iwatsuki 2001:14 [ref. 25242]. Type species *Polynemus indicus* Shaw 1804. Type by original designation (also monotypic).

Leptomelanosoma indicum (Shaw 1804)

Polynemus indicus Shaw 1804:155 [ref. 4015] (Vishakhapatnam [Vizagapatam], India). No types known.

Polynemus sele Hamilton 1822:226, 381 [ref. 2031] (Ganges estuaries, India). No types known.

Polynemus uronemus Cuvier 1829:155 [ref. 995] (Pondicherry and mouth of Adrian-Coupang R.). No types known.

Polynemus gelatinosus McClelland 1843:181, Pl. 6 [ref. 17620] (Bengal). No types known.

DISTRIBUTION: Indo-West Pacific: Pakistan to New Guinea.

REMARKS: *Polynemus indicus* Shaw was described on the basis of a drawing in Russell (1803:68, Fig. 184 [ref. 13862]). The drawing was reproduced in Motomura and Iwatsuki (2001:16, Fig. 5a [ref. 25242]), who provided a detailed redescription of the species and a discussion of its synonymy. The names *P. uronemus* Cuvier and *P. gelatinosus* McClelland are unneeded new names for *P. indicus* Shaw and *P. sele* Hamilton, respectively.

Genus *Parapolynemus* Feltes 1993

Parapolynemus Feltes 1993:207 [ref. 20315]. Type species *Polynemus verekeri* Saville-Kent 1890.
Type by original designation (also monotypic).

***Parapolynemus verekeri* (Saville-Kent 1889)**

Polynemus verekeri Saville-Kent 1889:222, 234, Pl. 13 (fig. 1) [ref. 18382] (Ord R., Cambridge Gulf, Northern Territory, Australia). Lectotype: AMS I.2770.

Polynemus intermedius Nichols 1954:3, Figs. 2–3 [ref. 12660] (Merauke R. [= Meranbe R.], s. New Guinea). Holotype: AMNH 20114.

DISTRIBUTION: Western Pacific: southern New Guinea and northern Australia.

REMARKS: The lectotype of *P. verekeri* was designated by Feltes (1993:212 [ref. 20316]), who provided a detailed redescription of the species and a discussion of its synonymy.

Genus *Pentanemus* Günther 1860

Pentanemus Günther 1860:330 [ref. 1963]. Type species *Polynemus quinquarius* Linnaeus 1758.
Type by monotypy.

***Pentanemus quinquarius* (Linnaeus 1758)**

Polynemus quinquarius Linnaeus 1758:317 [ref. 2787] (America [but probably erroneous, probably w. coast of Africa]). No types known.

Polynemus artedii Bennett 1831:146 [ref. 5778] (Atlantic coast of n. Africa). No types known.

Polynemus macronemus Pel 1851:9–10, Pl. [ref. 18526] (Gold Coast, Gulf of Guinea [“littoribus Guineae septentrionalis”]). Syntypes: RMNH 6016 (4).

DISTRIBUTION: Eastern Atlantic: Senegal to Angola.

REMARKS: *Polynemus artedii* Bennett and *P. macronemus* Pel were synonymized with *P. quinquarius* Linnaeus by Daget and Njock (1986 [ref. 6216]).

Genus *Polydactylus* Lacepède 1803

Polydactylus Lacepède 1803:419 [ref. 4930]. Type species *Polydactylus plumierii* Lacepède 1803.
Type by monotypy.

Trichidion Gill (ex Klein) 1861:40 [ref. 1766]. Type species *Polynemus americanus* of Storer (= *Polynemus virginicus* Linnaeus 1758). Type by monotypy.

***Polydactylus approximans* (Lay & Bennett 1839)**

Polynemus approximans Lay & Bennett 1839:57 [ref. 2730] (San Blas and Mazatlán, w. Mexico).
Syntypes: whereabouts unknown.

Polynemus californiensis Thomiot 1886:161 [ref. 17904] (California, U.S.A.). Holotype (unique): MNHN 1884-0487.

DISTRIBUTION: Eastern Pacific: California to Peru.

REMARKS: *Polynemus approximans* Lay & Bennett was described on the basis of a brief sketch and description by Mr. Collie. The species was redescribed in detail with a discussion of its synonymy and the status of the *P. approximans* Lay & Bennett type material by Motomura et al. (2002:362 [ref. 26500]).

***Polydactylus bifurcus* Motomura, Kimura & Iwatsuki 2001**

Polydactylus bifurcus Motomura, Kimura & Iwatsuki 2001:299, Figs. 1, 2, 3a [ref. 25548] (Kuta beach, Lombok I., Indonesia). Holotype (unique): NSMT-P 60494.

DISTRIBUTION: Indonesia.

REMARKS: Two additional specimens were reported by Motomura (2002 [ref. 26356]) after the original description.

***Polydactylus longipes* Motomura, Okamoto & Iwatsuki 2001**

Polydactylus longipes Motomura, Okamoto & Iwatsuki 2001:1087, Fig. 1 [ref. 25826] (Davao market, Mindanao I., Philippines). Holotype: USNM 363173.

DISTRIBUTION: Southern Mindanao Island, Philippines.

***Polydactylus macrochir* (Günther 1867)**

Polynemus macrochir Günther 1867:60 [ref. 1988] (N.S.W., Australia [but probably in error for Queensland]). Holotype (unique): BMNH 1866.2.13.17.

Polynemus sheridani Macleay 1884:21 [ref. 4932] (Mary R., Queensland, Australia). Holotype (unique): ?MAMU (whereabouts unknown, probably lost).

DISTRIBUTION: Indo-West Pacific: southern New Guinea and northern Australia.

REMARKS: This species was redescribed in detail, including a discussion of its synonymy, morphological changes with growth, and the type locality of *Polynemus macrochir* Günther, by Motomura et al. (2000 [ref. 25060]).

***Polydactylus macrophthalmus* (Bleeker 1858)**

Polynemus macrophthalmus Bleeker 1858:10 [ref. 16961] (Palembang, Sumatra, Indonesia). Lectotype: RMNH 6015.

DISTRIBUTION: Sumatra and Kalimantan, Indonesia.

REMARKS: The lectotype of *P. macrophthalmus* was designated by Motomura et al. (2001:290 [ref. 25546]), who provided a detailed redescription with discussion of generic allocation and distributional implications and determined the publication date of the original description.

***Polydactylus malagasyensis* Motomura & Iwatsuki 2001**

Polydactylus malagasyensis Motomura & Iwatsuki 2001:338, Figs. 1, 7a, 8a [ref. 25783] (estuary of Mananjary R., ca. 100 m from sea, Mananjary, e. Madagascar, 21°05'S, 48°27'E). Holotype: AMNH 88029.

DISTRIBUTION: Western Indian Ocean: Kenya to South Africa and Madagascar.

***Polydactylus microstomus* (Bleeker 1851)**

Polynemus microstoma Bleeker 1851:217 [ref. 330] (Bulucomba [Balukumba], s. Sulawesi [Celebes], Indonesia). Holotype (unique): RMNH 6044.

Polydactylus zophomus Jordan & McGregor in Jordan & Seale 1907:11, Fig. 4 [ref. 2498] (Cavite Prov., Manila Bay, Luzon I., Philippines). Holotype: SU 20113 [not USNM 55598].

DISTRIBUTION: Indo-West Pacific: India to New Caledonia.

REMARKS: This species was redescribed in detail with discussion of its synonymy by Motomura and Iwatsuki (2001 [ref. 25783]); the authors determined the holotype of *Polynemus microstoma* Bleeker from nine specimens (p. 339) and discussed the status of the type material of *Polydactylus zophomus* Jordan & McGregor (p. 344).

***Polydactylus mullani* (Hora 1926)**

Polynemus sextarius var. *mullani* Hora 1926:453, Fig. 1 [ref. 2207] (Mumbai [Bombay], Maharashtra, India). Holotype: ZSI F10747.

DISTRIBUTION: North Arabian Sea: Pakistan and northwestern India.

REMARKS: The subspecies was raised to specific status by Motomura and Iwatsuki (2001:344 [ref. 25783]), who redescribed the species and discussed its morphological changes with growth.

***Polydactylus multiradiatus* (Günther 1860)**

Polynemus multiradiatus Günther 1860:324 [ref. 1963] (China coast [but probably erroneous]). Holotype (unique): BMNH 1852.5.4.5 (stuffed).

Polynemus specularis De Vis 1883:285 [ref. 1088] (Brisbane R., Queensland, Australia).
Syntypes: QM I.28 (apparently lost).

Polydactylus auratus McKay 1970:9 [ref. 19157] (Napier Broome Bay, 2 miles west of the
Drysdale R., Western Australia, 5 fm). Holotype: WAM P.16792-001.

DISTRIBUTION: Indo-West Pacific: southern Indonesia and northern Australia.

REMARKS: This species was redescribed in detail with a discussion of its synonymy, the type
locality of *Polynemus multiradiatus* Günther, distributional implications, and sexuality by Motomura
et al. (2002 [ref. 26389]).

***Polydactylus nigripinnis* Munro 1964**

Polydactylus nigripinnis Munro 1964:156, Fig. 4 [ref. 3058] (2.5 miles off east head of Purari R.,
Gulf of Papua, Papua New Guinea, 4 3/4 fm). Holotype: CSIRO A1828.

DISTRIBUTION: Indo-West Pacific: southern New Guinea and northern Australia.

REMARKS: This species was redescribed by Motomura et al. (2002 [ref. 26389]) and Motomura
(2002 [ref. 26356]).

***Polydactylus octonemus* (Girard 1858)**

Polynemus octonemus Girard 1858:167 [ref. 1813] (Brazos Santiago, and Galveston, Texas,
U.S.A.). Syntypes: ANSP 22900 [ex USNM] (1), USNM 739 (orig. 8, now 2), 762 (2).

Trichidion octofilis Gill 1861:280 [ref. 1779] (New York, U.S.A.). Holotype (unique): USNM
15074 (poor condition).

DISTRIBUTION: Western Atlantic: New York to west coast of Yucatan.

***Polydactylus oligodon* (Günther 1860)**

Polynemus oligodon Günther 1860:322 [ref. 1963] (Rio de Janeiro, Brazil). Lectotype: BMNH
1853.4.18.23.

DISTRIBUTION: Western Atlantic: east coast of Florida to Santos, Brazil.

REMARKS: The lectotype of *P. oligodon* was designated by Randall (1966:601 [ref. 27197]).

***Polydactylus opercularis* (Gill 1863)**

Trichidion opercularis Gill 1863:168 [ref. 1681] (western coast of Central America [probably
Cape San Lucas, Baja California, Mexico]). Holotype (unique): USNM (apparently lost).

Polynemus melanopoma Günther 1864:148 [ref. 13930] (San José, Guatemala). Holotype
(unique): BMNH 1864.1.26.321.

DISTRIBUTION: Eastern Pacific: California to Peru.

REMARKS: This species was redescribed in detail with a discussion of its synonymy and the type
locality of *T. opercularis* by Motomura et al. (2002:363 [ref. 26500]).

***Polydactylus persicus* Motomura & Iwatsuki 2001**

Polydactylus persicus Motomura & Iwatsuki 2001:347, Figs. 5, 7d, 8b [ref. 25783] (Kuwait Bay,
Kuwait, Persian Gulf, 29°30'N, 47°50'E). Holotype: MCZ 60001.

DISTRIBUTION: Persian Gulf.

***Polydactylus plebeius* (Broussonet 1782)**

Polynemus plebeius Broussonet 1782:[35], Pl. [8] [ref. 17287] (Tahiti, Society Is.). Neotype:
FMNH 108655.

Polynemus emoi Lacepède 1803:410, 412 [ref. 4930] (Tahiti, Tana I., Tropical America, East
Indies, Gulf of Bengal, Tranquebar, Malabar, Coromandel). No types known.

Polynemus lineatus Lacepède (ex Commerson) 1803:410, 412, Pl. 13 (fig. 2) [ref. 4930] (Tahiti, Society Is. [evidently Réunion I., Mascarene Is.]). Holotype (unique): MNHN A-5440 (dry).

Polynemus niloticus Shaw 1804:151 [ref. 4015] (Nile R. [in error]). No types known.

Polynemus commersonii Shaw 1804:156 [ref. 4015] (Indian seas). No types known.

Polynemus lineatus Günther 1860:327 [ref. 1963] (Ambon I., Moluccas Is., Indonesia; Guadalcanal I., British Solomon Is.). Syntypes: BMNH 1858.4.21.85 (1) Ambon, BMNH 1855.11.7.35 (1) Guadalcanal.

Polynemus taeniatus Günther 1860:526 [ref. 1963] (Ambon I., Moluccas Is., Indonesia; Guadalcanal, Solomon Is.). Syntypes: BMNH 1858.4.21.85 (1) Ambon, BMNH 1855.11.7.35 (1) Guadalcanal.

Polydactylus agonasi Jordan & McGregor 1906:814, Fig. [ref. 10634] (Tokyo, Japan). Holotype: USNM 55608.

Polynemus lydiae Curtiss 1938:43 [ref. 18057] (lagoon near Tautira, Tahiti, Society Is.). No types known.

DISTRIBUTION: Indo-Pacific: South Africa to French Polynesia.

REMARKS: The lectotype of *Polynemus plebeius* Broussonet was designated by Fricke (1999:306 [ref. 24106]) as the specimen figured in Plate 8 (no pagination: 8th plate, but 7th species) of the original description. Although Fricke's (1999) lectotype designation is valid, the specimen used in the original description is apparently lost; therefore, the neotype designated by Motomura et al. (2001:119 [ref. 25379]) is also valid. The species name is often misspelled as *plebejus*. The name *P. emoi* Lacepède is an unneeded new name for *P. plebeius* Broussonet. *Polynemus niloticus* Shaw and *P. commersonii* Shaw were based on drawings of J. Bruce and P. Commerson, respectively, and the latter is an unneeded new name for *P. lineatus* Lacepède as well. Because the name *P. lineatus* Günther (1860:327) was preoccupied by *P. lineatus* of Lacepède (1803:410), Günther (1860:526) proposed a replacement name, *P. taeniatus*. *Polydactylus plebeius* was redescribed in detail with a discussion of its synonymy by Motomura et al. (2001 [ref. 25379]).

***Polydactylus quadrifilis* (Cuvier 1829)**

Polynemus quadrifilis Cuvier in Cuvier & Valenciennes 1829:390, Pl. 68 [ref. 4879] (Senegal). Holotype (unique): MNHN 0756 (poor condition).

DISTRIBUTION: Eastern Atlantic: Senegal to Congo.

REMARKS: The holotype is lacking the caudal fin and half of the caudal peduncle.

***Polydactylus sexfilis* (Valenciennes 1831)**

Polynemus sexfilis Valenciennes in Cuvier & Valenciennes 1831:515 [ref. 4881] (Mauritius). Lectotype: MNHN 9731.

Polynemus kuru Bleeker 1853:600 [ref. 337] (Jakarta, Java, Indonesia). Syntypes: RMNH 6006 (2).

DISTRIBUTION: Indo-Pacific: Seychelles and Mauritius to Marquesas Islands.

REMARKS: This species was redescribed in detail with a discussion of its synonymy by Motomura et al. (2001 [ref. 25248]); the authors designated the lectotype of *P. sexfilis* (p. 84) and determined two syntypes of *P. kuru* from five Bleeker specimens (p. 85). Distributional implications were discussed by Motomura et al. (2000 [ref. 25299]), and speciation and morphological changes with growth by Motomura and Senou (2002 [ref. 26355]).

***Polydactylus sextarius* (Bloch & Schneider 1801)**

Polynemus sextarius Bloch & Schneider 1801:18, Pl. 4 [ref. 471] (Tranquebar, Tamil Nadu, India). Holotype (unique): ZMB 565.

DISTRIBUTION: Indo-West Pacific: India to New Guinea.

***Polydactylus siamensis* Motomura, Iwatsuki & Yoshino 2001**

Polydactylus siamensis Motomura, Iwatsuki & Yoshino 2001:122, Fig. 1B [ref. 25379] (Samyan market, Bangkok, Thailand). Holotype: URM-P 14050.

DISTRIBUTION: Thailand.

***Polydactylus virginicus* (Linnaeus 1758)**

Polynemus virginicus Linnaeus 1758:317 [ref. 2787] (America). No types known.

Polynemus naso Walbaum 1793:108 [ref. 12604] (probably Brazil). No types known.

Polydactylus plumierii Lacepède 1803:419, 420, Pl. 14 (fig. 3) [ref. 4930] (no locality stated). No types known.

Polynemus mango Lacepède 1803:411, 413 [ref. 4930] (America). No types known.

Polynemus americanus Cuvier 1829:155 (footnote 2) [ref. 995] (American seas). Syntypes: MNHN 5504 (1) Dominican Republic, A-3028 (1) Cayenne, A-3031 (1) Martinique.

Polynemus antillarum Perugia 1896:16 [ref. 14615] (St. Pierre, Martinique I., West Indies). Holotype (unique): MSNG 6695.

DISTRIBUTION: Western Atlantic: New Jersey to Salvador, Brazil.

REMARKS: The synonymy of this species was discussed by Motomura (in press [ref. 27210]).

Genus *Polynemus* Linnaeus 1758

Polynemus Linnaeus 1758:317 [ref. 2787]. Type species *Polynemus paradiseus* Linnaeus 1758. Type by subsequent designation.

Polistonemus Gill 1861:277 [ref. 1779]. Type species *Polynemus multifilis* Temminck & Schlegel 1843. Type by monotypy.

REMARKS: The type of *Polynemus* Linnaeus was designated by the International Commission on Zoological Nomenclature in Opinion 93.

***Polynemus aquilonaris* Motomura 2003**

Polynemus aquilonaris Motomura 2003:155, Figs. 1 and 3 [ref. 26829] (Chao Phraya R., Thailand [purchased at Samyan market]). Holotype: URM-P 13930.

DISTRIBUTION: Indochina.

***Polynemus dubius* Bleeker 1854**

Polynemus dubius Bleeker 1854:92 [ref. 341] (Banjarmasin, Sampit, or Palembang, Indonesia). Lectotype: RMNH 6014.

Polynemus longipectoralis Weber & de Beaufort 1922:213 [ref. 4598] (fish market of Bandjermassin, Kalimantan, Indonesia). Holotype (unique): ZMA 112570.

DISTRIBUTION: Malaysia and Indonesia.

REMARKS: *Polynemus dubius* was based on Bleeker's (1851 [ref. 325] and 1852 [ref. 16827]) descriptions of a species originally believed by him to represent *P. longifilis* (now regarded as a junior synonym of *P. paradiseus*). Bleeker's *P. longifilis* descriptions were based on eight specimens. Accordingly, the eight specimens are syntypes of *P. dubius*. The eight syntypes were determined from 11 Bleeker specimens, and the lectotype was selected from the eight syntypes by Motomura (2003 [ref. 26829]). Bleeker [ref. 341], previously treated as dated 1853, is now regarded as 1854 (see Kullander and Britz 2002:305 [ref. 26542]).

***Polynemus hornadayi* Myers 1936**

Polynemus hornadayi Myers 1936:376, Fig. 1 [ref. 3112] (Ensengi R., tributary of Sadong R., Sarawak state, Borneo, East Malaysia). Holotype: USNM 100632 [ex 35719].

DISTRIBUTION: Western Sarawak, Malaysia.

REMARKS: *Polynemus hornadayi* was redescribed in detail with a discussion of its intraspecific variations by Motomura et al. (2002 [ref. 26494]).

***Polynemus kapuasensis* Motomura & van Oijen 2003**

Polynemus kapuasensis Motomura & van Oijen 2003:458, Figs. 1 and 3a [ref. 27209] (Kapas R. Basin, fish market at Sintang, Kalimantan, Indonesia). Holotype: CAS 47198.

DISTRIBUTION: Kapuas River, Kalimantan.

***Polynemus melanochir* Valenciennes 1831**

Polynemus melanochir Valenciennes in Cuvier & Valenciennes 1831:513 [ref. 4881] (Kuching Bay, Sarawak, Kalimantan, Malaysia). Neotype: ZRC 37829.

Polynemus macronema Bleeker 1852:419 [ref. 16827] (Bandjermassin and Pontianak; Sampit, Borneo). Syntypes: RMNH 6013 (3).

Polynemus borneensis Bleeker 1857:3 [ref. 13960] (Bandjermassin, Pontianak and Sampit, Kalimantan, Indonesia). Syntypes: RMNH 6013 (3).

Galeoides microps Steindachner 1869:126 [ref. 20469] (China [but probably erroneous]). Holotype (unique): NMW 77569.

Polynemus melanopus Sauvage 1881:101 [1 of separate] [ref. 18664] (Saigon, s. Vietnam). Syntypes: MNHN A-3048 (2), A-3049 (2).

Trichidion hilleri Fowler 1905:502, Fig. 11 [ref. 1370] (Baram R., Sarawak state, Borneo, East Malaysia). Holotype (unique): ANSP 114895 [ex WIAP 2400].

Polynemus melanochir dulcis Motomura & Sabaj 2002:182, Fig. 1 [ref. 26155] (Lake Tonle Sap, Cambodia). Holotype: ANSP 178011.

DISTRIBUTION: Cambodia, Vietnam, and Kalimantan.

REMARKS: Two subspecies are recognized: *P. melanochir dulcis* from Lake Tonle Sap and *P. m. melanochir* from other localities. *Polynemus melanochir* was originally described on the basis of a drawing; this drawing was reproduced in Feltes (1991:305, Fig. 1 [ref. 14760]). The neotype of *P. m. melanochir* was designated by Motomura and Sabaj (2002:184 [ref. 26155]). Because the name *P. macronema* Bleeker was preoccupied by *P. macronemus* of Pel (1851 [ref. 18526]), Bleeker (1857 [ref. 13960]) proposed a replacement name, *P. borneënsis* (incorrect original spelling). Subsequently, Bleeker (1858 [ref. 13957]) corrected the name to “*borneensis*” as a justified emendation. Accordingly, the authorship and date of *P. borneensis* is rightly Bleeker 1857 [ref. 13960], because the corrected name retains the authorship and date of the original spelling. Three syntypes of *P. borneensis* were determined from five Bleeker specimens by Motomura and Sabaj (2002:187 [ref. 26155]).

***Polynemus multifilis* Temminck & Schlegel 1843**

Polynemus multifilis Temminck & Schlegel 1843:29 (footnote) [ref. 4371] (near Banjarmasin, Kalimantan, Indonesia). Holotype (unique): RMNH 436.

Polynemus quatordecimfilis Pel 1851:10 [ref. 18526] (near Banjarmasin, Kalimantan, Indonesia [“littoribus meridionalibus insulae Borneo”]). Holotype (unique): RMNH 436.

Polynemus polydactylus Bleeker 1852:417 [ref. 16827] (Banjarmasin, Kalimantan, Indonesia). Holotype (unique): RMNH 6001.

DISTRIBUTION: Thailand and Indonesia.

REMARKS: Authorship of *P. multifilis* is sometimes attributed to Schlegel (in Temminck and Schlegel 1843 [ref. 4371]). This species was redescribed in detail with a discussion of its synonymy, authorship of *P. multifilis*, and determination of holotypes for both nominal species by Motomura and van Oijen (2003 [ref. 27209]). The species name of *P. quatordecimfilis* is often misspelled as *quatuordecimalis* or *quaterdecimfilis*. Bleeker’s *P. polydactylus* is a primary

homonym of *P. polydactylus* Vahl 1798. Subsequently, Bleeker (1860 [ref. 377]) recognized that his *P. polydactylus* is the same species as *P. multifilis*.

***Polynemus paradiseus* Linnaeus 1758**

Polynemus paradiseus Linnaeus 1758:317 [ref. 2787] (Gariahat, Calcutta, India). Neotype: NRM 47529.

Polynemus risua Hamilton 1822:228, 381 [ref. 2031] (vicinity of Lukhipur, India). No types known.

Polynemus toposui Hamilton 1822:232, 381 [ref. 2031] (Ganges R. estuary, India). No types known.

Polynemus aureus Hamilton 1822:232, 381 [ref. 2031] (Calcutta, India). No types known.

Polynemus longifilis Cuvier in Cuvier & Valenciennes 1829:365 [ref. 4879] (Pondicherry, India; Ganges R. mouth, India; Manila, Philippines [but probably erroneous]). Syntypes: MHNG 148.24 (1); MNHN 2200 (3) Ganges, A-3045 (1) Manila, A-4803 (1, dry) Pondicherry; SMF 439 [ex MNHN in 1829] (1) Ganges.

DISTRIBUTION: Indo-West Pacific: India to Thailand.

REMARKS: The neotype of *P. paradiseus* was designated by Motomura et al. (2002:314 [ref. 26494]), who provided a detailed redescription of the species with a discussion of its synonymy and distribution.

Summary Lists

Genus-Group Names of Family Polynemidae

Eleutheronema Bleeker 1862 = *Eleutheronema* Bleeker 1862

Filimanus Myers 1936 = *Filimanus* Myers 1936

Galeoides Günther 1860 = *Galeoides* Günther 1860

Leptomelanosoma Motomura & Iwatsuki 2001 = *Leptomelanosoma* Motomura & Iwatsuki 2001

Parapolynemus Feltes 1993 = *Parapolynemus* Feltes 1993

Pentanemus Günther 1860 = *Pentanemus* Günther 1860

Polistonemus Gill 1861 = *Polynemus* Linnaeus 1758

Polydactylus Lacepède 1803 = *Polydactylus* Lacepède 1803

Polynemus Linnaeus 1758 = *Polynemus* Linnaeus 1758

Trichidion Gill 1861 = *Polydactylus* Lacepède 1803

Incertae Sedis Genus-Group Names

None

Unavailable Genus-Group Names

Trichidion Klein 1776:592 [ref. 4919]. Suppressed. In the synonymy of *Polynemus* Linnaeus 1758.

Species-Group Names of Family Polynemidae

agonasi, *Polydactylus* Jordan & McGregor 1906 = *Polydactylus plebeius* (Broussonet 1782)

americanus, *Polynemus* Cuvier 1829 = *Polydactylus virginicus* (Linnaeus 1758)

antillarum, *Polynemus* Perugia 1896 = *Polydactylus virginicus* (Linnaeus 1758)

approximans, *Polynemus* Lay & Bennett 1839 = *Polydactylus approximans* (Lay & Bennett 1839)

aquilonaris, *Polynemus* Motomura 2003 = *Polynemus aquilonaris* Motomura 2003

artedii, *Polynemus* Bennett 1831 = *Pentanemus quinquarius* (Linnaeus 1758)

astrolabi, *Polynemus* Sauvage 1881 = *Galeoides decadactylus* (Bloch 1795)

auratus, *Polydactylus* McKay 1970 = *Polydactylus multiradiatus* (Günther 1860)

aureus, *Polynemus* Hamilton 1822 = *Polynemus paradiseus* Linnaeus 1758

bifurcus, *Polydactylus* Motomura, Kimura & Iwatsuki 2001 = *Polydactylus bifurcus* Motomura, Kimura & Iwatsuki 2001

- borneensis*, *Polynemus* Bleeker 1857 = *Polynemus melanochir melanochir* Valenciennes 1831
californiensis, *Polynemus* Thominot 1886 = *Polydactylus approximans* (Lay & Bennett 1839)
coecus, *Polynemus* Macleay 1878 = *Eleutheronema tetradactylum* (Shaw 1804)
commersonii, *Polynemus* Shaw 1804 = *Polydactylus plebeius* (Broussonet 1782)
decadactylus, *Polynemus* Bloch 1795 = *Galeoides decadactylus* (Bloch 1795)
diagrammicus, *Polynemus* Bleeker 1849 = *Filimanus xanthonema* (Valenciennes 1831)
dubius, *Polynemus* Bleeker 1854 = *Polynemus dubius* Bleeker 1854
dulcis, *Polynemus melanochir* Motomura & Sabaj 2002 = *Polynemus melanochir dulcis* Motomura & Sabaj 2002
emoi, *Polynemus* Lacepède 1803 = *Polydactylus plebeius* (Broussonet 1782)
enneadactylus, *Polynemus* Cuvier 1829 = *Galeoides decadactylus* (Bloch 1795)
gelatinosus, *Polynemus* McClelland 1843 = *Leptomelanosoma indicum* (Shaw 1804)
heptadactylus, *Polynemus* Cuvier 1829 = *Filimanus heptadactyla* (Cuvier 1829)
hexanemus, *Polynemus* Cuvier 1829 = *Filimanus hexanema* (Cuvier 1829)
hilleri, *Trichidion* Fowler 1905 = *Polynemus melanochir melanochir* Valenciennes 1831
hornadayi, *Polynemus* Myers 1936 = *Polynemus hornadayi* Myers 1936
indicus, *Polynemus* Shaw 1804 = *Leptomelanosoma indicum* (Shaw 1804)
intermedius, *Polynemus* Nichols 1954 = *Parapolynemus verekeri* (Saville-Kent 1889)
kapuasensis, *Polynemus* Motomura & van Oijen 2003 = *Polynemus kapuasensis* Motomura & van Oijen 2003
konadaensis, *Polydactylus* Mishra & Krishnan 1993 = *Filimanus xanthonema* (Valenciennes 1831)
kuru, *Polynemus* Bleeker 1853 = *Polydactylus sexfilis* (Valenciennes 1831)
lineatus, *Polynemus* Günther 1860 = *Polydactylus plebeius* (Broussonet 1782)
lineatus, *Polynemus* Lacepède 1803 = *Polydactylus plebeius* (Broussonet 1782)
longifilis, *Polynemus* Cuvier 1829 = *Polynemus paradiseus* Linnaeus 1758
longipectoralis, *Polynemus* Weber & de Beaufort 1922 = *Polynemus dubius* Bleeker 1854
longipes, *Polydactylus* Motomura, Okamoto & Iwatsuki 2001 = *Polydactylus longipes* Motomura, Okamoto & Iwatsuki 2001
lydiae, *Polynemus* Curtiss 1938 = *Polydactylus plebeius* (Broussonet 1782)
macrochir, *Polynemus* Günther 1867 = *Polydactylus macrochir* (Günther 1867)
macronema, *Polynemus* Bleeker 1852 = *Polynemus melanochir melanochir* Valenciennes 1831
macronemus, *Polynemus* Pel 1851 = *Pentanemus quinquarius* (Linnaeus 1758)
macrophthalmus, *Polynemus* Bleeker 1858 = *Polydactylus macrophthalmus* (Bleeker 1858)
malagasyensis, *Polydactylus* Motomura & Iwatsuki 2001 = *Polydactylus malagasyensis* Motomura & Iwatsuki 2001
mango, *Polynemus* Lacepède 1803 = *Polydactylus virginicus* (Linnaeus 1758)
melanochir, *Polynemus* Valenciennes 1831 = *Polynemus melanochir melanochir* Valenciennes 1831
melanopoma, *Polynemus* Günther 1864 = *Polydactylus opercularis* (Gill 1863)
melanopus, *Polynemus* Sauvage 1881 = *Polynemus melanochir melanochir* Valenciennes 1831
microps, *Galeoides* Steindachner 1869 = *Polynemus melanochir melanochir* Valenciennes 1831
microstoma, *Polynemus* Bleeker 1851 = *Polydactylus microstomus* (Bleeker 1851)
mullani, *Polynemus sextarius* Hora 1926 = *Polydactylus mullani* (Hora 1926)
multifilis, *Polynemus* Temminck & Schlegel 1843 = *Polynemus multifilis* Temminck & Schlegel 1843
multiradiatus, *Polynemus* Günther 1860 = *Polydactylus multiradiatus* (Günther 1860)
naso, *Polynemus* Walbaum 1793 = *Polydactylus virginicus* (Linnaeus 1758)
nigripinnis, *Polydactylus* Munro 1964 = *Polydactylus nigripinnis* Munro 1964

- niloticus*, *Polynemus* Shaw 1804 = *Polydactylus plebeius* (Broussonet 1782)
octofilis, *Trichidion* Gill 1861 = *Polydactylus octonemus* (Girard 1858)
octonemus, *Polynemus* Girard 1858 = *Polydactylus octonemus* (Girard 1858)
oligodon, *Polynemus* Günther 1860 = *Polydactylus oligodon* (Günther 1860)
opercularis, *Polydactylus* Seale & Bean 1907 = *Filimanus sealei* (Jordan & Richardson 1910)
opercularis, *Trichidion* Gill 1863 = *Polydactylus opercularis* (Gill 1863)
paradiseus, *Polynemus* Linnaeus 1758 = *Polynemus paradiseus* Linnaeus 1758
perplexa, *Filimanus* Feltes 1991 = *Filimanus perplexa* Feltes 1991
persicus, *Polydactylus* Motomura & Iwatsuki 2001 = *Polydactylus persicus* Motomura & Iwatsuki 2001
pfeifferi, *Polynemus* Bleeker 1853 = *Filimanus xanthonema* (Valenciennes 1831)
plebeius, *Polynemus* Broussonet 1782 = *Polydactylus plebeius* (Broussonet 1782)
plumierii, *Polydactylus* Lacepède 1803 = *Polydactylus virginicus* (Linnaeus 1758)
polydactylus, *Polynemus* Bleeker 1852 = *Polynemus multifilis* Temminck & Schlegel 1843
polydactylus, *Polynemus* Vahl 1798 = *Galeoides decadactylus* (Bloch 1795)
quadrifilis, *Polynemus* Cuvier 1829 = *Polydactylus quadrifilis* (Cuvier 1829)
quatordecimfilis, *Polynemus* Pel 1851 = *Polynemus multifilis* Temminck & Schlegel 1843
quinquarius, *Polynemus* Linnaeus 1758 = *Pentanemus quinquarius* (Linnaeus 1758)
rhadinus, *Polydactylus* Jordan & Evermann 1902 = *Eleutheronema rhadinum* (Jordan & Evermann 1902)
risua, *Polynemus* Hamilton 1822 = *Polynemus paradiseus* Linnaeus 1758
sealei, *Polydactylus* Jordan & Richardson 1910 = *Filimanus sealei* (Jordan & Richardson 1910)
sele, *Polynemus* Hamilton 1822 = *Leptomelanosoma indicum* (Shaw 1804)
senarius, *Polynemus* Gronow 1854 = *Filimanus hexanema* (Cuvier 1829)
sexfilis, *Polynemus* Valenciennes 1831 = *Polydactylus sexfilis* (Valenciennes 1831)
sextarius, *Polynemus* Bloch & Schneider 1801 = *Polydactylus sextarius* (Bloch & Schneider 1801)
sheridani, *Polynemus* Macleay 1884 = *Polydactylus macrochir* (Günther 1867)
siamensis, *Polydactylus* Motomura, Iwatsuki & Yoshino 2001 = *Polydactylus siamensis* Motomura, Iwatsuki & Yoshino 2001
similis, *Filimanus* Feltes 1991 = *Filimanus similis* Feltes 1991
specularis, *Polynemus* De Vis 1883 = *Polydactylus multiradiatus* (Günther 1860)
taeniatus, *Polynemus* Günther 1860 = *Polydactylus plebeius* (Broussonet 1782)
teria, *Polynemus* Hamilton 1822 = *Eleutheronema tetradactylum* (Shaw 1804)
tetradactylus, *Polynemus* Shaw 1804 = *Eleutheronema tetradactylum* (Shaw 1804)
toposui, *Polynemus* Hamilton 1822 = *Polynemus paradiseus* Linnaeus 1758
tridactylus, *Polynemus* Bleeker 1849 = *Eleutheronema tridactylum* (Bleeker 1849)
uronemus, *Polynemus* Cuvier 1829 = *Leptomelanosoma indicum* (Shaw 1804)
verekeri, *Polynemus* Saville-Kent 1889 = *Parapolynemus verekeri* (Saville-Kent 1889)
virginicus, *Polynemus* Linnaeus 1758 = *Polydactylus virginicus* (Linnaeus 1758)
xanthonemus, *Polynemus* Valenciennes 1831 = *Filimanus xanthonema* (Valenciennes 1831)
zophomus, *Polydactylus* Jordan & McGregor 1907 = *Polydactylus microstomus* (Bleeker 1851)

Uncertain Species-Group Names

- playfairi*, *Polynemus* Day 1876:178, footnote [ref. 1081].
quaternarius, *Polynemus* Parkinson in Bleeker 1849:57 [ref. 318].

Unavailable Species-Group Names

- barakuan*, *Pogonais* Montrouzier 1857:428 [150 of reprint] [ref. 17789]. Nomen nudum.
guichenoti, *Polynemus* Bocourt in Bleeker 1865:174 [ref. 413]. Nomen nudum.

- paradisiacus*, *Polynemus* Walbaum 1792:631 [ref. 4572]. Misspelling.
- pele*, *Polynemus* Njock 1990:866 [ref. 18540]. Nomen nudum.
- pentadactyla*, *Sciaena* Lacepède (ex Commerson) 1802:310, 316 [ref. 4929]. Nomen nudum.
- quadrinarius*, *Polynemus* Solander in Richardson 1846:218 [ref. 3742]. Nomen nudum.
- salliah*, *Polynemus* Cantor in Günther 1860:329 [ref. 1963]. The name *salliah* was used only as a local common name by Cantor 1838 [ref. 17333]. Later authors cited *Polynemus salliah* only as a name in the synonymy of *Eleutheronema tetradactylum* (Shaw 1804) and attributed to Cantor 1838.

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