

WORLD CATALOGUE AND BIBLIOGRAPHY OF THE RECENT PYCNOGONIDA

(date of publication: 26 Oct. 1993)

compiled and distributed by

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Sea spiders or pycnogonids are exclusively marine invertebrates of worldwide distribution, which rarely occur in large numbers. They are often cryptic and have usually very little economic significance. Most species are epibenthic ectoparasites of invertebrates, few are interstitial or bathypelagic. Revisions for major taxa of pycnogonids do not exist, except for STOCK's (1957) contribution on the Austrodecidae. Moreover, the most part of information on pycnogonids is scattered in many short papers. Descriptions, especially in the older literature, are often too poor to allow a reliable determination.

The purpose of the present work is therefore to partially address the lack of comprehensive works through publication of this overview, which is intended to have worldwide coverage and to include the valid taxa. Catalogues, checklists or reviews are a valuable tool for anyone needing an up-to-date reference to a currently accepted name and frequently to other pertinent information such as bibliographic and distributional data. This is so because most information is filed in publications under a species' scientific name, which then becomes the key to retrieval information from the literature. The taxonomic literature is an often confusing subject, because it is constantly changing to reflect current work, and the majority of species are known by several names. Thus a comprehensive listing of names, including synonyms, is an important starting point for locating information, whether as the basis for applied or basic research.

The information included in such an overview is usually arranged in a logical and organized format that allows for its convenient and rapid conveyance a quick and easy storage and retrieval system. The format and amount of information presented varies greatly. My use of the term catalogue herein is intended to convey a comprehensive treatment, including information on all valid names and most synonymies. Remarks on distribution, depth range and habitat preference of the included species are also given. The bibliographic section includes all references reporting on pycnogonids that came to my knowledge.

There are certain arguments that speak for publishing such a catalogue on computer disk, instead of distributing it regularly as a printed book. From the financial point of view, the former way is considerably cheaper and allows new editions in short intervals. If you prefer to have parts of this catalogue printed, you can do it yourself easily. The layout is prepared, genus and species names written in italics. Using the catalogue in a computer, you can locate certain species automatically with the search function of "Word Perfect 5.1". This allows convenient access to the respective species in the file PYCNO.CAT on the first floppy disk, even when only older names/synonyms are available to you.

Users should keep in mind, that we have a considerable steady increase of information within a short time. Thus, to avoid unnecessary inflation of the volume of this catalogue, I included only the more substantial information, which is (surely) subjective to some extent. For example, when a species is mentioned only in a key in a certain paper, this is often not noted in the reference-list under the respective species. When you are searching for keys to genera or species, you should check the information given for the respective families, subfamilies and genera. The inclusion of recent literature has been given priority, because these papers usually summarize information of older publications.

A complete bibliography of publications referring on Pycnogonida is available in the file PYCNO.LIT on the second floppy disc. I included all references that came to my knowledge.

Helpful suggestions for improvement of this catalogue are always welcome.

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Helpful suggestions for improvement of this catalogue are always welcome.

How to use this catalogue in your Computer

To look for a certain species with the search function of "Word Perfect", you should consider the following hints:

1. Typewrite the complete name of the species you are looking for without the name of the author and date of the year. Ignore subgenera, subspecies and varieties. With this method you should be able to locate a certain species, even when only an older name is available to you. Unfortunately one is sometimes confronted with erroneous assignments of species. To avoid such problems I suggest to use for determinations only the most recent literature.

2. To locate certain countries use only the current name, i.e. Sri Lanka instead of Ceylon, Taiwan instead of Formosa. I found it to costly in this catalogue to summarize in each case the species known from a certain country, because many species are widely distributed in the Indo-Pacific and cannot be assigned to a certain country, particularly when they have been caught offshore.

SOME GENERAL INFORMATION ON PYCNOGONIDA

- 1949 HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 234-240 [zoogeographical remarks on Japanese species].
- 1963 CLARK, Rec. Austr. Mus., **26** (1): 1-5 [general remarks of Australian fauna, checklist of the up to then known species from Australia].
- 1963 HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1315-1324 [remarks on North American Arctic species].
- 1969 FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 1-139 [Antarctic fauna].
- 1974 KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 13 [key to British families].
- 1983 NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 4-5 [key to Japanese families].
- 1987 ARNAUD, Mesogee, **47**: 37-58 [review of the Mediterranean species].
- 1987 ARNAUD & BAMBER, Adv. Mar. Biol, **24**: 1-96 [the most up-to-date summary on the biology of pycnogonids].
- 1991 ARNAUD & BRANCH, S. Afr. J. Antarct. Res., **21** (1): 65-71 [illustrated key to species of Marion and Prince Edward Islands].
- 1933 MUNILLA, - J. mar. biol. Ass. U.K., **73**: 551 [checklist of species recorded from southern Spain].

AMMOTHEIDAE

- 1948 Ammotheidae, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 240-241 [diagnosis, remarks, key to American genera].
- 1954 Ammotheidae, - BARNARD, Ann. S. Afr. Mus., **41** (3): 132 [diagnosis, key to South African genera].
- 1969 Ammotheidae, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 66-67 [remarks, list of genera].
- 1974 Ammotheidae, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 23 [diagnosis, key to British species].
- 1983 Ammotheidae, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 5-6 [key to Japanese genera].
- 1986 Ammotheidae, - STOCK, Bull. mar. Sci., **38** (3): 406-407 [remarks, diagnostic

features].

- 1992 *Ammotheidae*, - CHILD, Mem. Hourglass Cruises, **9** (1): 7-9 [key of species from Gulf of Mexico], tab. 3 [species known or expected in the Gulf of Mexico].

***Achelia* HODGE 1864**

- 1932 *Achelia*, - GORDON, Discovery Rep., **6**: 110 [remarks].
 1948 *Achelia*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 241-242 [diagnosis, remarks, key to NE-American species].
 1954 *Achelia*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 137-138 [diagnosis, remarks, key to South African species].
 1969 *Achelia*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 99-103 [remarks, variation, distribution, key to treated in the report], 103 [diagnosis].
 1969 *Aduncorostris*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 113 [diagnosis].
 1983 *Achelia*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 6 [key to Japanese species].
 1986 *Achelia*, - KRAPP, Bonn. Zool. Beitr., **37** (4): 302 [tab. 1, comparison with *Ammothea*].
 1986 *Achelia*, - STOCK, Bull. mar. Sci., **38** (3): 415.
 1992 *Achelia*, - CHILD, Mem. Hourglass Cruises, **9** (1): 11 [diagnosis, comparison with *Tanystylum*].

***Achelia adelpha* CHILD 1970**

- 1970 *Achelia adelpha* CHILD, Proc. biol. Soc. Wash., **83** (27): 289-292, fig. 1.

Distribution: Society Islands (Tahiti, Huahine).

Depth range: 0-11m.

Habitat: Anchor chain; sandy shoal and wooden post.

***Achelia alaskensis* (COLE 1904)**

- 1904 *Ammothea alaskensis* COLE, Harriman Alaska Exped., **10**: 266-268, pl. 12, fig. 4, pl. 17, figs. 4-12.
 1913 *Ammothea nudiuscula* HALL, Univ. Calif. Publ. Zool., **11** (6): 135-137, pl. 3, figs. 1-8.
 1929 *Ammothea (Achelia) alaskensis*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **1**: 151-156, figs. 42, 45.
 1933 *Ammothea alaskensis*, - LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 60, fig. 10.
 1933 *Ammothea (Achelia) alaskensis*, - OHSHIMA, Bull. Biogeogr. Soc. Japan, **4**: 144-146, fig. 1.
 1934 *Ammothea alaskensis*, - SCHMITT, J. Wash. Acad. Sci., **24** (1): 70.
 1936 *Ammothea alaskensis*, - EXLINE, Proc. U.S. natn. Mus., **83** (2991): 421.
 1936 *Ammothea (Achelia) alaskensis*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 866.
 1939 *Ammothea nudiuscula*, - HILTON, J. Ent. Zool. Pomona College, **31** (2): 32.
 1940 *Ammothea alaskensis*, - OKUDA, J. Fac. Sci., Hokkaido Imp. Univ., (Zool. 6) **7** (2): 73-86, figs. 1-10.
 1941 *Ammothea nudiuscula*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26):

256 [key].

- 1942 *Ammothea nudiuscula*, - HILTON, J. Ent. Zool. Pomona College, **34** (4): 93.
 1949 *Achelia alaskensis*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 289.
 1954 *Achelia alaskensis*, - UTINOMI, Publ. Akkeshi Mar. Biol. Stat., **3**: 14, figs. 6-7.
 1955 *Ammothea alaskensis*, - LOSINA-LOSINSKY, in: Atlas of Invertebrates of the Far-Eastern Seas of the U.S.S.R., Izd. Akad. Nauk, S.S.S.R.: 160, pl. 42, fig. 6.
 1961 *Achelia alaskensis*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 91.
 1961 *Achelia gurjanovii* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 93-95, fig. 18.
 1964 *Achelia nudiuscula*, - HEDGPETH, in: R.I. Smith et al., eds., Intertidal Invertebrates of the Central California Coast, Berkeley; Univ. Calif. Press: 208 [key], fig. 94b.
 1971 *Achelia alaskensis*, - UTINOMI, Publ. Seto Mar. Biol. Lab, **18** (5): 329.
 1986 *Achelia alaskensis*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 44-46, fig. 7.
 1987 *Achelia alaskensis*, - CHILD, Proc. biol. Soc. Wash., **100** (3): 552-553.

Distribution: Connecting a line between mid-Californian, Alaskan, Russian and Korean coasts to central Japan.

Depth range: Littoral-180m.

Habitat: Larvae found on hydromedusa *Polyorchis karafutoensis*. Adults on subtidal hydroids and algae.

***Achelia anomala* ARNAUD 1974**

- 1974 *Achelia anomala* ARNAUD, Bull. Zool. Mus. Univ. Amsterdam, **3** (21): 174-175, figs. 15-20.

Distribution: Acores.

Depth range: intertidal.

Habitat: rocky shore.

***Achelia armata* (BOUVIER 1916)**

- 1916 *Ammothea (Achelia) armata* BOUVIER, Bull. Mus. natn. Hist. nat., Paris, **22**: 81-83.
 1937 *Achelia armata*, - BOUVIER, Ann. Sci. Nat., Paris, (Zool.), (10) **20** (1): 38-42, figs. 11-13.
 1990 *Achelia armata*, - STOCK, Zool. Meded., **63** (16): 211-213, fig. 3.

Distribution: North-Atlantic.

Depth range: 307-405m.

***Achelia aspera* (LOMAN 1923)**

- 1923 *Ammothea (Achelia) aspera* LOMAN, Ark. Zool., **15** (10): 1-4, figs. 1-5.
 1935 *Ammothea (Achelia) aspera*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 285.
 1969 *Achelia (Pigropycnon) aspera*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 103-104, figs. 152, 153, 155, 157-159.

Distribution: southern oceans.

Depth range: 0-99m.

***Achelia assimilis* (HASWELL 1875)**

- 1875 *Ammothea assimilis* HASWELL, Proc. Linn. Soc. N.S.W., **9**: 1026-1027, pl. LIV, figs. 5-9.
- 1887 *Ammothea Wilsoni* SCHIMKEWITSCH, Zool. Anz., **10** (251): 271.
- 1907 *Ammothea Wilsoni*, - HODGSON, Rep. natn. Antarct. Exped. 1901-1904, Nat. Hist., **3**: 10-13, fig. 3.
- 1913 *Achelia assimilis*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 140.
- 1920 *Achelia assimilis*, - FLYNN, Pap. & Proc. Roy. Soc. Tasm., 1919: 87-90, Pl. 87-90, Pl. XXII, figs. 22-26.
- 1923 *Ammothea (Achelia) wilsoni*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 25.
- 1954 *Achelia assimilis* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 97-100, figs. 45-46 [small and large form].
- 1954 *Achelia variabilis* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 100-105, figs. 47-48.
- 1957 *Achelia wilsoni*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 100.
- 1961 *Achelia assimilis*, - HEDGPETH, Lunds Univ. Arsskr., N.F., (2) **57** (3): 7-11, figs. 3-7.
- 1963 *Achelia assimilis*, - CLARK, Rec. Austr. Mus., **26** (1): 59.
- 1963 *Achelia variabilis*, - CLARK, Rec. Austr. Mus., **26** (1): 59-60.
- 1968 *Achelia variabilis*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 16, fig. 4c.
- 1969 *Achelia (Ignavogrifus) assimilis* Fry & Hedgpeth, - N.Z. Oceanogr. Inst. Mem., **49**: 106, figs. 152, 153, 156.
- 1973 *Achelia assimilis*, - STOCK, Beaufortia, **20** (266): 106.
- 1973 *Achelia assimilis*, - STOCK, Beaufortia, **21** (279): 92.
- 1975 *Achelia assimilis*, - CHILD, Smiths. Contr. Zool., **190**: 24.
- 1988 *Achelia assimilis*, - CHILD, Smiths. Contr. Zool., **468**: 2.
- 1989 *Achelia assimilis*, - MÜLLER, Bonn. zool. Beitr., **40** (2): 124, figs. 1-2.
- 1990 *Achelia assimilis*, - CHILD, Proc. biol. Soc. Wash., **103** (2): 312.
- 1990 *Achelia assimilis*, - GONZALEZ & EDDING, Proc. biol. Soc. Wash., **103** (1): 151.
- 1991 *Achelia assimilis*, - CHILD, Proc. biol. Soc. Wash., **104** (1): 138.
- 1992 *Achelia assimilis*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 155.

Distribution: Widely distributed in tropical and temperate waters of the southwest Pacific, with some scattered locations known from Indonesia, Malaysia, French Polynesia and Chile.

Depth range: 0.5-28m.

Habitat: hard bottom; stones; dead corals; red algae.

***Achelia australiensis* STOCK 1954**

- 1884 *Achelia laevis* var. *australiensis* MIERS, Rep. Zool. Coll. in the Indo-Pac. during Voyage of HMS Alert, 1881-82: 323-324, Pl. XXXV, fig. A.
- 1891 *Ammothea laevis*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 124-127, pl. XIII, figs. 2a-m.

- 1908 *Achelia laevis* var. *australiensis*, - LOMAN, Siboga Exped. Monogr., **40**: 62.
 1929 *Achelia laevis* var. *australiensis*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **1**: 139.
 1935 *Ammothea australiensis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 285.
 1954 *Achelia australiensis* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 105-107, fig. 49.
 1956 *Achelia australiensis*, - STOCK, Mitt. Zool. Mus. Hamburg, **54**: 43.
 1961 *Achelia laevis*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 91.
 1969 *Achelia (Ignavogriphus) australiensis*, - FRY & HEDGEPTH, N.Z. Oceanogr. Inst. Mem., **40**: 106, figs. 152, 153, 156.

Distribution: Australia.

Depth range: 5-9m.

Habitat: In mud.

***Achelia barnardi* STOCK 1959**

- 1959 *Achelia barnardi* STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 552-553, fig. 2.

Distribution: South Africa.

Depth range: 9-20m.

Habitat: sand, shells and rocks.

***Achelia bituberculata* HEDGPETH 1949**

- 1949 *Achelia bituberculata* HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 287-289, fig. 49a-g.
 1951 *Achelia ohshimai* UTINOMI, Publ. Seto Mar. Biol. Lab., **1** (5): 163, fig. 2.
 1954 *Achelia bituberculata*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 94-95, fig. 44.
 1962 *Achelia bituberculata*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 98, fig. 4.
 1965 *Achelia ohshimai*, - UTINOMI, in: New Illustr. Encyclopaedia Fauna Japan, **2**: 336, fig. 20.
 1971 *Achelia bituberculata*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 329.
 1971 *Achelia ohshimai*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 330.
 1983 *Achelia bituberculata*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 6-7.
 1984 *Achelia bituberculata*, - KIM, J. Kangreung Natn. Univ., **7**: 537, fig. 6a-i.
 1986 *Achelia bituberculata*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 46.
 1987 *Achelia bituberculata*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 141.
 1987 *Achelia bituberculata*, - NAKAMURA, Biol. Lab. Imperial Household: 18-19, pl. 16.
 1991 *Achelia bituberculata*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 3.

Distribution: Japan and Korea.

Depth range: Intertidal-75m.

Habitat: coralline algae; under stones

***Achelia borealis* (SCHIMKEWITSCH 1895)**

- 1895 *Ammothea borealis* SCHIMKEWITSCH, Trudy St. Petersburg Obshch. Iestestvoispytateli, **25**: 36-40, pl. 2, figs. a-b
- 1908 *Ammothea borealis*, - NORMAN, J. Linn. Soc. London (Zool.), **30**: 225.
- 1923 *Ammothea borealis japonica*, - LOSINA-LOSINSKY, Izvest. Nauchn. Inst. imeni P.F. Lesgafta, **7**: 45-47, figs. 3a-i.
- 1933 *Ammothea borealis* var. *japonica* LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 57-59, 78, fig. 9.
- 1947 *Achelia borealis*, - HEDGPETH, Smiths. Misc. Coll., **106** (18): 24, 27, fig. 13b.
- 1949 *Achelia borealis*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 286-287, fig. 41h-m.
- 1961 *Achelia borealis*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 52 [tab.].
- 1963 *Achelia borealis*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1338.
- 1986 *Achelia borealis*, - KRAPP, Bonn. zool. Beitr., **37** (4): 301-310 [lit.].

Distribution: White Sea, Kara-Sea, fjords of Novaja Zemlja and Barents-Sea.

Depth range: 130m.

Habitat: muddy bottom.

***Achelia boschi* STOCK 1992**

- 1992 *Achelia boschi* STOCK, Bijdr. Dierk., **62** (2): 86-89, figs. 4-5.

Distribution: Oman.

Depth range: intertidal.

Habitat: "algae"; "under rocks and stones"; "muddy tidal flat with stones and algae" (STOCK).

***Achelia brevicauda* (LOMAN 1904)**

- 1904 *Ammothea brevicauda* LOMAN; Zool. Jb. Syst., XX: 376, pl. 14, figs. 1-4.
- 1954 *Achelia brevicauda*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 140.
- 1959 *Achelia brevicauda*, - STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 552.

Distribution: South Africa.

Depth range: 11-27.5m.

Habitat: on rocks.

***Achelia brevirostris* LOSINA-LOSINSKY 1961**

- 1961 *Achelia brevirostris* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 95-97, fig. 19.
- 1991 *Achelia brevirostris*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 3-5, fig. 1a-f.

Distribution: Sea of Okhotsk (Sakhalin Island); Japan.

Depth range: 48-479m.

***Achelia chelata* (HILTON 1939)**

- 1939 *Ammothea chelata* Hilton, J. Ent. Zool. Pomona College, **31** (2): 30-31.
 1978 *Achelia chelata*, - ARNAUD, Zool. J. Linn. Soc., **63**: 104 [text].

Distribution: California (Vera Cruz).

Habitat: parasitic on the mollusc *Mytilus californicus*; known to be also free-living.

***Achelia columnaris* STOCK 1992**

- 1992 *Achelia columnaris* STOCK, Tijdschr. Ent., **135**: 116-118, 139, figs. 9-18.

Distribution: southern Brazil.

Depth range: 34m.

***Achelia communis* (BOUVIER 1906)**

- 1906 *Ammothea communis* BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, 142: 20, 44-50, figs. 23-32.
 1907 *Ammothea affinis* BOUVIER, L'Expéd. Antarct. Française, 1903-1905: 50-53, figs. 33-36.
 1908 *Ammothea communis*, - HODGSON, Trans. Roy. Soc. Edinburgh, **46** (1): 177-179, pl. II, fig. 1-1a.
 1911 *Ammothea communis*, - BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **152**: 1140.
 1915 *Achelia communis*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 57 [key], 61, fig. 16A-C.
 1915 *Achelia brucei* CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 61, fig. 16.
 1923 *Ammothea (Achelia) hoekii* LOMAN, Ark. Zool., **15** (9): 24-25 [part.].
 1927 *Achelia communis*, - HODGSON, Dt. Südpolar-Exped., **19** (Zool., 2): 344.
 1932 *Achelia hoekii*, - GORDON, Discovery Rep., **6**: 110-112, figs. 59a-b, 60a-c.
 1932 *Achelia brucei*, - GORDON, Discovery Rep., **6**: 113.
 1935 *Ammothea communis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 285.
 1938 *Achelia brucei*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C) (Zool. & Bot.), **2** (8): 22 [key].
 1938 *Achelia communis*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C) (Zool. & Bot.), **2** (8): 22 [key].
 1940 *Achelia brucei*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 79, 81 [key].
 1944 *Achelia brucei*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Exped., (B) **5** (1): 52.
 1944 *Achelia communis*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B) **5** (1): 53.
 1950 *Achelia communis*, - HEDGPETH, Proc. U.S. Natn. Mus., **100** (3260): 153.
 1950 *Achelia* sp. (?*brucei*), - HEDGPETH, Proc. U.S. Natn. Mus., **100** (3260): 154.
 1951 *Achelia brucei*, - SAWAYA, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, (Zool.), **16**: 274 [key].
 1952 *Achelia brucei*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, (2) **24** (2): 185.
 1952 *Achelia brucei*, - Bull. Mus. natn. Hist. nat., Paris, (2) **24** (3): 263.
 1955 *Achelia communis*, - STOCK, Res. Norw. Sci. Exped. Tristan da Cunha, 1937-1938, **33**: 3.

- 1969 *Achelia (Ignavogriphus) communis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 110-112, figs. 152-154, 157, 171-172.
 1969 *Achelia (Ignavogriphus) hoekii*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 106-107, figs. 152-154, 157, 164-165

Distribution: antarctic and subantarctic waters; Tristan da Cunha.

Depth range: 180-300m.

***Achelia crurispinifera* KIM & KIM 1985**

- 1985 *Achelia crurispinifera* KIM & KIM, Kor. J. Zool., **28** (2): 120-124, figs. 1-2.
 1991 *Achelia crurispinifera*, - Smiths. Contr. Zool., **512**: 5.

Distribution: Japan and Korea.

Depth range: 59-150m.

***Achelia deodata* MÜLLER 1990**

- 1990 *Achelia deodata* MÜLLER, Zool. Abh. Staatl. Mus. Tierk. Dresden, **45** (10): 103-105, figs. 1-4.

Distribution: Kenya.

Habitat: coral reef.

***Achelia discoidea* (EXLINE 1936)**

- 1936 *Ammothea discoidea* EXLINE, Proc. U.S. natn. Mus., **83** (2991): 418-421, fig. 33e-f.

Distribution: temperate north-eastern Pacific (Puget Sound).

Depth range: 40-70m.

Habitat: among hydroids.

***Achelia dohrni* (THOMSON 1884)**

- 1884 *Ammothea dohrni* THOMSON, Trans & Proc. N.Z. Inst., **16** (1883): 243-245, Pl. XIV, figs. 5-9.
 1904 *Ammothea dohrni*, - HUTTON, Index Faunae N.Z.: 247.
 1935 *Ammothea dohrni*, - Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 285.
 1954 *Achelia dohrni*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 107-109, figs. 50-51.
 1956 *Achelia dohrni*, - STOCK, Mitt. Zool. Mus. Hamburg, **54**: 42.
 1968 *Achelia dohrni*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 17.
 1969 *Achelia (Ignavogriphus) dohrni*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 101-103, 106, fig. 156.
 1971 *Achelia dohrni*, - CLARK, N.Z. J. Mar. Freshw. Res., **5** (2):334.
 1972 *Achelia dohrni*, - CLARK, N.Z. J. Mar. Freshw. Res., **5** (3 & 4) (1971): 441-448, figs. 6A-H, 7A-J, 8A-I, 9A-H, 10A-R [variability].

Distribution: New Zealand; subantarctic Islands.

Depth range: Intertidal-192m.

Habitat: rocky shore; coralline algae; muddy bottom and mud with shells and stones; *Cystophora* and *Obelia* hydroids; bryozoans.

***Achelia echinata* HODGE 1864**

- 1881 *Ammothea fibulifera* DOHRN, Monogr. Fauna Flora Golf. Neapel, **3**: 141-145, 15, 49, 51, 81, pl. IV, figs. 1-22.
- 1890 ?*Achelia echinata* var. *japonica* ORTMANN, Zool. Jb. (Syst.), **5** (1): 164.
- 1891 *Ammothea echinata*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 120-124, pl. XIII, figs. 1a-m.
- 1899 ?*Achelia echinata* var. *japonica*, - SHISHIDA, Dôzatsu, **11** (128): 199.
- 1919 ?*Achelia echinata* var. *japonica*, - FUKUI, Rigakukai[?], **16** (2): 98.
- 1923 *Ammothea (Achelia) echinata*, - BOUVIER, Faune de France, **7**: 55.
- 1929 *Ammothea echinata*, - GILTAY, Bull. & Ann. Roy. Soc. Belg., **69**: 175.
- 1933 *Ammothea echinata* subsp. *orientalis* LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 55-57, 77-78, fig. 7.
- 1936 *Ammothea (Achelia) echinata* var. *sinensis*, LOU, Contr. Inst. Zool., Natn. Acad. Peiping, **3** (1): 19, figs. 7-9, pls. 2-4.
- 1936 ?*Achelia echinata* var. *japonica*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 865.
- 1952 *Achelia echinata*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, (2) **24** (6): 530.
- 1938 *Achelia echinata*, - CALMAN, Sci. Rep. John Murray Exped., **5** (6): 161.
- 1940 *Achelia echinata* ssp. *nasuta* MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 84, 128.
- 1945 *Ammothea echinata*, - LEBOUR, J. Mar. Biol. Ass. U.K., **26**: 163.
- 1949 *Achelia echinata orientalis*, - HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 318.
- 1954 *Achelia echinata*, - BOURDILLON, Notes Stat. Océanogr. Salammbô, **35**: 3.
- 1955 *Achelia echinata*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 213, 245.
- 1956 *Achelia echinata* ssp. *nasuta*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 98-99, fig. 16a.
- 1958 *Achelia echinata*, - STOCK, Bull. Res. Council Israel, (B. Zool.), **7B** (3-4): 138.
- 1958 *Achelia echinata*, - Bull. Sea Fish. Res. Stat. Haifa, **16**: 3.
- 1959 *Achelia echinata*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 201.
- 1962 *Achelia echinata*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 97.
- 1966 *Achelia echinata*, - FAGE & STOCK, Ann. Inst. Océanogr. Monaco, **44**: 317.
- 1966 *Achelia echinata*, - STOCK, Atlantide Rep., **9**: 45.
- 1967 *Achelia echinata sinensis*, - NESIS, Issöedov. Fauny Morei, **5** (13): 249.
- 1971 *Achelia echinata sinensis*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 328-329.
- 1972 *Achelia echinata*, - KING, J. nat. Hist., **6**: 623.
- 1973 *Achelia echinata*, - ARNAUD, Tethys, **5** (1): 151.
- 1973 *Achelia echinata*, - KRAPP, Beaufortia, **21** (277): 58.
- 1973 *Achelia echinata tuberculata* LOSINA-LOSINSKY, Zool. Zh., **52** (7): 1084.
- 1974 *Achelia echinata*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 23 [key], 28-30, figs. 11-12, 14C.
- 1975 *Achelia echinata*, - KRAPP-SCHICKEL & KRAPP, Vie Milieu, (B) **25** (1): 14 fig. 4, 17, 18-20 (tab. II), 21-23 (ecology).
- 1976 *Achelia echinata*, - ARNAUD, Acta Ecol. Iranica, **1**: 69.

- 1976 *Achelia echinata*, - WOLFF, Netherlands J. Sea Res., **10** (4): 473-474, fig. 2b (distribution in estuary).
- 1978 *Achelia echinata*, - CHIMENZ-GUSSO, FRESI, CINELLI, MAZZELLA, PANSINI & PRONZATO, Mem. Biol. Mar. Ocean., **8** (4): 98.
- 1980 *Achelia echinata*, - MUNILLA LEON, Cah. Biol. Mar., **21**: 115-121, figs. 1-3, tab. I (annual development and reproduction).
- 1981 *Achelia echinata*, - MUNILLA & de HARO, - Bijdr. Dierk., **51** (2): 191-197, fig. 3, 11, tab. I (electrophoretical and immunological study).
- 1983 *Achelia echinata*, - KRAPP, Bonn. zool. Beitr., **34** (1-3): 408.
- 1983 *Achelia echinata*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 7-8.
- 1984 *Achelia echinata sinensis*, - KIM, J. Kangreung Natn. Univ., **7**: 537, fig. 7a-i.
- 1984 *Achelia echinata*, - MUNILLA & de HARO, in: Els sistemes naturals de les illes Medes, ROS, OLIVELLA & GILI eds., Barcelona: 531-535, fig. 1, tab I-IV.
- 1986 *Achelia echinata sinensis*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 2 (2): 46.
- 1986 *Achelia echinata*, - STOCK, Bull. mar. Sci., **38** (3): 400 tab. 1.
- 1987 *Achelia echinata*, - ARNAUD, Mesogee, **47**: 38.
- 1987 *Achelia echinata*, - BITAR, Bull. Inst. Sci., Rabat, **11**: 163.
- 1987 *Achelia echinata sinensis*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 141-142.
- 1987 *Achelia echinata sinensis*, - NAKAMURA, Biol. Lab., Imperial Household: 19-21, pl. 17.
- 1987 *Achelia echinata*, - SANCHEZ & MUNILLA, Vieraea, **17**: 182.
- 1987 *Achelia echinata*, - STOCK, Cah. Biol. Mar., **28**: 506.
- 1989 *Achelia echinata*, - SCHÜLLER, Bonn. zool. Beitr., **40** (3/4): 287 [tab. 1, 2], 291, 293 (phenology).
- 1990 *Achelia echinata*, - STOCK, Zool. Meded., **63** (16): 217.
- 1991 *Achelia echinata sinensis*, - Smiths. Contr. Zool., **512**: 5.
- 1992 *Achelia echinata*, - PÉREZ-RUZAFÁ, A. & T. MUNILLA, Sci. Mar., **56** (1): 23.
- 1993 *Achelia echinata*, - HARMS, Helgoländer Meeresuntersuch., **47**: 24, tab. 3.

Distribution: in boreal waters of the N-Atlantic, Mediterranean and NW-Pacific.

Depth range: 0-336m.

Habitat: In a variety of substrata, often very abundant; *Cystoseira adriatica*, *Halopteris*; *Laurencia obtusa*; *Dictyobteris membranacea*; *Peyssonelia squamaria*; *Sargassum linifolium* (algae); *Posidonia* (seagrass); feeds on *Flustra foliacea*, *Dynamene pumila* (hydroids) and on detritus in *Bugula* colonies; ectocommensal on *Eunicella*; on *Suberites* spp. and *Diazona violacea*; amongst hydroids on top of boulder; amongst mud; amongst red weed; amongst *Serturella*, *Lepralia* and commensals on top of boulder; tunicates on gravel and sand; amongst sponges, polyzoa, tunicates and *Serturella*; amongst *Luidia*, *Cellaria* and debris; amongst epiphytes on *Pecten*; on *Dynamene pumila* and *Flustra foliacea* and feeds on the latter polyzoan by thrusting its proboscis into the operculum when it opens.

***Achelia euchelata* (HEDGPETH 1940)**

- 1940 *Ammothea euchelata* HEDGPETH, J. Wash. Acad. Sci., **30** (2): 84-86, fig. 1.

Distribution: California.

Habitat: *Bugula* on reef.

Achelia fernandeziana (LOMAN 1920)

- 1920 *Ammothoa fernandeziana* LOMAN, in: Nat. Hist. Juan Fernandez, **3**: 142-144, fig. 2.
 1934 *Achelia fernandeziana*, - GILTAY, Bull. Mus. Roy. Hist. Nat. Belg., **10** (18): 5.
 1935 *Ammothoa fernandeziana*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 285.
 1940 *Achelia fernandeziana*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 81 [key].
 1951 *Achelia fernandeziana*, - SAWAYA, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, (Zool.), **16**: 274 [key].
 1969 ***Achelia fernandeziana***, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 104, figs. 152, 153, 155, 160.
 1992 *Achelia fernandeziana*, - CHILD, Smiths. Contr. Zool., **526**: 3-4.

Distribution: Juan Fernandez Island, SE-Pacific (off Chile); Chile.

Depth range: 10-180m.

Habitat: coralline algae.

Achelia gracilipes (COLE 1904)

- 1904 *Ammothoa gracilipes* COLE, Harriman Alaska Exped., **10**: 269-270, pl. XII, fig. 5, pl. XVIII, figs. 1-6.
 1933 *Ammothoa gracilipes* var. *borealis* LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 78.
 1951 *Achelia gracilipes*, - HEDGPETH, Wasmann J. Biol., **9** (1): 106.

Distribution: California, E-U.S.S.R.

Depth range: ?intertidal-4m.

Habitat: hydroids.

Achelia gracilis VERRILL 1900

- 1900 *Achelia ?gracilis* VERRILL, Trans. Conn. Acad. Sci., **10** (15): 582, pl. 70, fig. 10.
 1904 *Ammothoa gracilis*, - COLE, Proc. Boston Soc. Nat. Hist., **31** (8): 317-323, pl. 21, fig. 4-14.
 1934 *Ammothoa (Achelia) gracilis*, - GILTAY, Bull. Mus. Roy. Hist. Nat. Belg., **10** (18): 5.
 1935 *Ammothoa gracilis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 285.
 1940 *Achelia gracilis*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 79.
 1948 *Achelia gracilis*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 244.
 1954 *Achelia gracilis*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 117.
 1955 *Achelia gracilis*, - BOURDILLON, Rev. Trav. Inst. Pêches Marit., **19** (4): 597.

- 1969 *Achelia (Pigrolavatus) gracilis*, - FRY & HEDGPETH, N.Z. oceanogr. Inst. Mem., **40**: 104, figs. 152, 153, 155.
 1975 *Achelia gracilis*, - STOCK, Bull. mar. Sci., **24** (4): 983.
 1979 *Achelia gracilis*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 10.
 1986 *Achelia gracilis*, - STOCK, Bull. mar. Sci. **38** (3): 400 tab. 1, 416.
 1992 *Achelia gracilis*, - Müller, Stud. Nat. Hist. Caribb. Reg., **71**: 43, fig. 1.
 1992 *Achelia gracilis*, - STOCK, Tijdschr. Ent., **135**: 118, 139.

Distribution: Tropical and subtropical W-Atlantic, Bermuda to Brazil.

Depth range: 0-157 m. Records from deep-water probably from fouling on ship's hulls, when deep-water samples have been taken.

Habitat: coral rubble; fouling on pilings; sponges; hydroids, octocorals, bryozoans; hydroids, sponges and algae on shipwreck.

***Achelia hoekii* (PFEFFER 1889)**

- 1889 *Ammothea hoekii* PFEFFER, Jb. Hamburg. Wiss. Anst., **6** (2): 46.
 1923 *Ammothea (Achelia) hoekii*, - LOMAN, Ark. Zool., **15** (9): 4.
 1923 *Ammothea (Achelia) hoekii*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 24.
 1932 *Achelia hoekii*, - GORDON, Discovery Rep., **6**: 110-112, figs. 59a, b, 60a, c.
 1935 *Ammothea hoekii*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 285.
 1938 *Achelia hoekii*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 22 [key].
 1951 *Achelia hoekii*, - SAWAYA, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, (Zool.), **16**: [key].
 1969 *Achelia (Ignavogriphus) hoekii*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 106.

Distribution: Antarctic.

Depth range: 5-60m.

***Achelia kamtschatica* LOSINA-LOSINSKY 1961**

- 1961 *Achelia kamtschatica* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 92-93, fig. 17.

Distribution: NW-Pacific.

Depth range: 30-50m.

***Achelia kiiensis* UTINOMI 1951**

- 1951 *Achelia kiiensis* UTINOMI, Publ. Seto Mar. Biol. Lab., **1** (4): 161-163, fig. 1.
 1971 *Achelia kiiensis*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 330.

Distribution: Japan.

Depth range: 5-20m.

***Achelia kurilensis* LOSINA-LOSINSKY 1961**

- 1961 *Achelia kurilensis* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 98-100, fig. 21.

Distribution: NW-Pacific.

Depth range:

***Achelia lagenaria* STOCK 1992**

- 1992 *Achelia lagenaria* STOCK, Bijdr. Dierk., **62** (2): 89-92, figs. 7-8.

Distribution: Oman.

Habitat: on algae.

***Achelia langi* (DOHRN 1881)**

- 1881 *Ammothea langi* DOHRN, Monogr. Fauna Flora Golf. Neapel, **3**: 146-147, pl. 5, figs. 1-8.
- 1901 *Ammothea Langii*, - d'ARCY THOMPSON, in: A catalogue of Crustacea and Pycnogonida contained in the Museum of University College, Dundee: 55.
- 1923 *Ammothea (Achelia) Langi*, - BOUVIER, Faune de France, **7**: 55.
- 1925 *Ammothea (Achelia) Langi*, - LOMAN, Bull. Soc. Sci. Nat. Maroc, **5** (3): 50.
- 1942 *Achelia Langi*, - FAGE, Arch. Zool. Ge., **82** (Notes & Rev., 2): 87-88.
- 1967 *Achelia langi*, - NOGUEIRA, Arqu. Mus. Bocage, (2) **1** (15): 324-325.
- 1968 *Achelia langi*, - STOCK, Vie Milieu, **19** (1A): 16, fig. 9.
- 1972 *Achelia langi*, - LEUNG, Téthys, **3** (4): 821.
- 1979 *Achelia cf. langi*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 10-11.
- 1986 *Achelia langi?*, - STOCK, Bull. mar. Sci., **38** (3): 400 tab. 1.
- 1987 *Achelia langi*, - ARNAUD, Mesogee, **47**: 39.
- 1990 *Achelia langi*, - Stock, Zool. Meded., **63** (16): 209-211, fig. 2.

Distribution: Mediterranean and temperate E-Atlantic; ?Caribbean (Anguilla).

Depth range: 1-100m.

Habitat: algae and seagrass.

***Achelia latifrons* (COLE 1904)**

- 1904 *Ammothea latifrons* COLE, Harriman Alaska Exped., **10**: 263-266, pl. XI, fig. 3, pl. XVI, figs. 1-9, pl. XVII, figs. 1-3.
- 1934 *Ammothea latifrons*, - SCHMITT, J. Wash. Acad. Sci., **24** (1): 68-69.
- 1941 *Ammothea latifrons*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26): 256 [key].
- 1942 *Ammothea latifrons*, - HILTON, Rep. Allan Hancock Pac. Exped., **5** (9): 295-296, pl. 41.
- 1942 *Ammothea latifrons*, - HILTON, J. Ent. Zool. Pomona College, **34** (4): 93.
- 1954 *Achelia latifrons*, - Vidensk. Medd. dansk naturhist. Foren., **116**: 96.

Distribution: Bering Sea, Alaska, California, and Japan.

Depth range: ?110-183m.

Habitat: Washed from *Sertularella*.

Achelia lavrentii (LOSINA-LOSINSKY 1933)

1933 *Ammothea lavrentii* LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 49-50, 75-76, fig. 3.

Distribution: NW-Pacific (U.S.S.R.).

Depth range: shallow water.

Achelia litke (LOSINA-LOSINSKY 1933)

1933 *Ammothea litke* LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 52-53, 76-77, fig. 5.

1933 *Ammothea litke* var. *intermedia* LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 53-54, 77, fig. 6.

Distribution: NW-Pacific (U.S.S.R.).

Depth range: 10m.

Achelia megacephala HODGSON 1915

1927 *Achelia megacephala*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 345-346, fig. 12.

Distribution: Kerguelen (Observatory Bay).

Achelia nana (LOMAN 1908)

1908 *Ammothea nana* LOMAN, Siboga Exped. Monogr., **40**: 60-61, pl. I, figs. 1-13.

1953 *Achelia nana*, - STOCK, Temminckia, **9**: 300-301, fig. 14-15, fig. 14.

1954 *Achelia nana*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 97.

1965 *Achelia nana*, - STOCK, Beaufortia, **13** (151): 14-15, figs. 1-3.

1968 *Achelia nana*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 16.

1971 *Achelia nana*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 329-330.

1974 *Achelia nana*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **4** (3): 13-14.

1977 *Achelia nana*, - CHILD, Proc. biol. Soc. Wash., **90** (2): xxx.

1983 *Achelia nana*, - CHILD, Proc. biol. Soc. Wash., **96** (4): 699.

1988 *Achelia nana*, - CHILD, Bull. biol. Soc. Wash., **8**: 50.

1991 *Achelia nana*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 161.

Distribution: Tropical to temperate Indo-West Pacific. Several localities from Madagascar to Japan, New Caledonia and Micronesia.

Depth range: 0-435m.

Habitat: coral reefs; dead corals, rubble; algae; sponges; octocorals.

***Achelia neotenica* KRAPP 1986**

- 1907 *Ammothoa (Achelia) borealis*, - SCHIMKEWITSCH, Rés. Sci. Expéd. polaire Russe 1900-1903, ... (8) **18** (6): 5-8, figs. 1-6.
- 1929 *Ammothoa borealis*, - LOSINA-LOSINSKY, Ber. Wiss. Meeresinst. Moskau, **4** (3): 73, figs. 3 (6a+b), 4 (A, A1, B, B1, C, C1, D, D1).
- 1930 *Ammothoa (Achelia) borealis*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **1**: 139-144, pl 2, fig. 2; figs. 34-37.
- 1948 *Ammothoa borealis*, - BRONSTEIN, Opredel. Fauni Flori Severnich Morei SSSR: 350, pl. XCIV: fig. 4.
- 1986 *Achelia neotenica* KRAPP, Bonn. zool. Beitr., **37** (4): 303-309, figs. 1-9.

Distribution: Arctica. - White Sea, Kara-Sea, fjords of Novaja Zemlja and Barents-Sea.

***Achelia orientalis* SCHIMKEWITSCH 1913**

- 1913 *Ammothoa orientalis* SCHIMKEWITSCH, Ann. Mus. Zool. Acad. Imp. Sci. St. Petersburg, 18: 241-242, pl. III, figs. 1-7.

Distribution: NW-Pacific (Kurile Strait).

***Achelia orpax* NAKAMURA & CHILD 1983**

- 1983 *Achelia orpax* NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 8-10, fig. 2.
- 1986 *Achelia latifrons*, KIM & HONG, Kor. J. Syst. Zool., **2** (2): 46-48, fig. 8.
- 1991 *Achelia orpax*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 5-6, fig. 1g-h.

Distribution: Japan, Korea.

Depth range: 7-30m.

***Achelia paradisiaca* LOMAN 1923**

- 1923 *Ammothoa (Ammothella) paradisiaca* LOMAN, Ark. Zool., **15** (9): 4-6, fig. B1-3.

Distribution: subantarctic area (Valparaiso).

Depth range: shallow water.

Habitat: "from roots of sea-weed" (LOMAN).

***Achelia parvula* (LOMAN 1923)**

- 1923 *Ammothoa (Achelia) parvula* LOMAN, Ark. Zool., **15** (9): 2-4, fig. A1-6.
- 1932 *Achelia parvula*, - GORDON, Discovery Rep., **6**: 113-114, fig. 62.
- 1935 *Ammothoa (Achelia) parvula*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 285.
- 1938 *Achelia parvula*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 22 [key].
- 1940 *Achelia parvula*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 80 [key].

- 1950 *Achelia parvula*, - HEDGPETH, Proc. U.S. Natn. Mus., **100** (3260): 153.
 1951 *Achelia parvula*, - SAWAYA, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, (Zool.), **16**: 274 [key].
 1961 *Achelia parvula*, - HEDGPETH, Lunds Univ. Arsskr., N.F., (2) **57** (3): 12.
 1969 *Achelia (Pigrolavatus) parvulus*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 103-104, figs. 157-159.
 1992 *Achelia parvula*, - CHILD, Smiths. Contr. Zool., **526**: 4.

Distribution: Ecuador; Straits of Magellan; Falkland Islands.

Depth range: 0-20m.

***Achelia pribilofensis* (COLE 1904)**

- 1904 *Ammothea pribilofensis* COLE, Harriman Alaska Exped., **10**: 270-273, pl. 12, fig. 6, pl. 18, figs. 7-8, pl. 19, figs. 1-8.
 1930 *Ammothea (Achelia) pribilofensis*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 156-160, figs. 46-49.
 1949 *Achelia pribilofensis*, - HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 287.

Distribution: Alaska, Kuriles, Japan.

***Achelia quadridentata* (HODGSON 1910)**

- 1910 *Ammothea quadridentata* HODGSON, Denkschr. Med.-Nat. Ges. Jena, **16**: 223-225, figs. 2-3.
 1954 *Achelia quadridentata*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 138-139, fig. 24.
 1957 *Achelia quadridentata*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 84.
 1959 *Achelia quadridentata*, - STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 552.
 1962 *Achelia quadridentata*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 273.
 1974 *Achelia quadridentata*, - ARNAUD, Tethys, **5** (4): 787-789, figs. 20-25.
 1988 *Achelia quadridentata*, - MUNILLA, Monogr. Zool. Mar., **3**: 195-196, fig. 11.

Distribution: South Africa; Namibia; St. Paul and Amsterdam islands.

Depth range: 0-21m.

Habitat: on rocks and in kelp vegetation.

***Achelia salebrosa* LOSINA-LOSINSKY 1961**

- 1961 *Achelia salebrosa* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 97-98, fig. 20.

Distribution: NW-Pacific.

Depth range: 414m.

***Achelia sawayai* MARCUS 1940**

- 1940 *Achelia sawayai* MARCUS, Bolm. Fac. Fil. Ciên. Letr. Univ. S. Paulo, ser. **19** (Zool.), 4: 81-86, figs. 10a-f, 17.

- 1948 *Achelia sawayai*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 244.
- 1949 *Achelia sawayai*, - FAGE, Arch. Zool. Exp. Gen., **86** (Notes & Rev., 1): 28.
- 1951 *Achelia besnardi*, - SAWAYA, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, (Zool.), **16**: 271-279, figs. 1-2.
- 1954 *Achelia sawayai*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 117.
- 1955 *Achelia sawayai*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 245.
- 1966 *Achelia sawayai*, - STOCK, Atlantide Rep., **9**: 46.
- 1966 *Achelia sawayai*, - FAGE & STOCK, Ann. Inst. Oceanogr. Monaco, **44**: 317.
- 1969 *Achelia besnardi*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 105, figs. 153, 155.
- 1969 *Achelia (Pigrolavatus) sawayai*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 104, figs. 152, 153, 155.
- 1974 *Achelia sawayai*, - CHILD, Proc. biol. Soc. Wash., **87** (43): 497.
- 1974 *Achelia sawayai*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **4** (3): 14.
- 1975 *Achelia sawayai*, - STOCK, Bull. mar. Sci., **24** (4): 982-983.
- 1975 *Achelia besnardi*, - STOCK, Ent. Ber., **35** (5): 70-71, figs. 1-9.
- 1976 *Achelia sawayai*, - KRAPP & KRAEUTER, Bonn. zool. Beitr., **27**: 342-343, fig. 3.
- 1979 *Achelia sawayai*, - CHILD, Smiths. Contr. Zool., **293**: 7-8.
- 1979 *Achelia sawayai*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 9-10.
- 1982 *Achelia sawayai*, - CHILD, Smiths. Contr. mar. Sci., **12**: 356-357.
- 1986 *Achelia sawayai* f. *typica*, - STOCK, Bull. mar. Sci., **38** (3): 400 tab. 1.
- 1986 *Achelia sawayai* f. *besnardi*, - STOCK, Bull. mar. Sci., **38** (3): 400 tab. 1.
- 1989 *Achelia sawayai*, - MÜLLER, Bonn. zool. Beitr., **40** (2): 124, fig. 40.
- 1989 *Achelia sawayai*, - STOCK, Bijdr. Dierk., **59** (2): 87-89.
- 1990 *Achelia sawayai*, - MÜLLER, Senckenbergiana biol., **70** (1989) (1/3): 186-188, figs. 1-10.
- 1990 *Achelia sawayai*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierk. Dresden, **45** (10): 105-106.
- 1990 *Achelia sawayai*, - MÜLLER, Bonn. zool. Beitr., **41** (3/4): 277.
- 1990 *Achelia sawayai*, - STOCK, Zool. Meded., **63** (16): 205.
- 1992 *Achelia sawayai*, - CHILD, Mem. Hourglass Cruises, **9** (1): 7 [key], 9 [tab. 3], 11-12, fig. 3, 76 [tab. 12].
- 1992 *Achelia sawayai*, - Müller, Stud. Nat. Hist. Caribb. Reg., **71**: 43.
- 1992 *Achelia besnardi*, - STOCK, Tijdschr. Ent., **135**: 116, 139.
- 1992 *Achelia sawayai*, - STOCK, Tijdschr. Ent., **135**: 118-119, 139.

Distribution: pantropical, most records from the W-Atlantic.

Depth range: 0-157m. Records from deeper water probably from fouling of ship's hulls, when deep-water samples have been taken.

Habitat: Lives in a variety of substrata, more often found associated with seagrass (*Thalassia*).

***Achelia scabra* WILSON 1880**

- 1880 *Achelia scabra* WILSON, Rep. U.S. Fish. Comm., **6**: 475-476.
- 1942 *Achelia scabra*, - GILTAY, J. Fish. Res. Board Ca., **5** (5): 460.
- 1943 *Ammothea scabra*, - NEEDLER, Ca. Atl. Fauna, **10**: 16, fig. 21a-c.
- 1948 *Achelia scabra*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 244.

Distribution: NW-Atlantic, Canada.

Depth range: 40-82m.

Achelia segmentata UTINOMI 1954

- 1954 *Achelia segmentata* UTINOMI, Publ. Akkeshi Mar. Biol. Star., **3**: 20, figs. [not seen].
 1954 *Achelia segmentata* UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 330.

Distribution: Japan.

Habitat: on red algae and *Strongylocentrotus nudus*.

Achelia serratipalpis (BOUVIER 1911)

- 1911 *Ammonothea serratipalpis* BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **152**: 1140.
 1913 *Achelia serratipalpis*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 140-144, figs. 90-95.
 1920 *Ammonothea (Achelia) serratipalpis*, - LOMAN, in: The Nat. Hist. of Juan Fernandez and Easter Isl., **3**: 141.
 1923 *Ammonothea (Achelia) serratipalpis*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 25.
 1932 *Achelia serratipalpis*, - GORDON, Discovery Rep., **6**: 113-114.
 1935 *Ammonothea serratipalpis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 285.
 1938 *Achelia serratipalpis*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 24.
 1969 *Achelia (Ignavogriphus) serratipalpis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 107-109, figs. 152-154, 156, 166-167.

Distribution: Antarctic and subantarctic area.

Depth range: 64-391m.

Achelia setulosa (LOMAN 1912)

- 1912 *Ammonothea setulosa* LOMAN, Bull. Inst. Océanogr. Monaco, **238**: 13-14.
 1917 *Ammonothea (Achelia) setulosa*, - BOUVIER, Res. Campagnes Sci. accomplies sur son Yacht par Albert Ier Prince Souverain de Monaco, **51**: 41-42, pl. IV, figs. 9-10..
 1966 *Achelia setulosa*, - FAGE & STOCK, Ann. Inst. Oceanogr. Monaco, **44**: 317-318, fig. 1.
 1990 *Achelia setulosa*, - STOCK, Zool. Meded., **63** (16): 218.

Distribution: Cape Verde Islands.

Depth range: 20-120m.

Habitat: sand; coralline algae; bryozoans.

Achelia sheperdi STOCK 1973

- 1973 *Achelia sheperdi* STOCK, Beaufortia, **21** (279): 92-95, fig. 1.
 1975 *Achelia sheperdi*, - CHILD, Smiths. Contr. Zool., **190**: 22-24, fig. 10.

Distribution: Australia, incl. Tasmania.
Depth range: ?intertidal-28m.
Habitat: rocks and algae.

Achelia simplex GILTAY 1934

- 1934 *Achelia simplex* GILTAY, Bull. Mus. roy. Hist. nat. Belg., **X** (18): 1-4, figs. 1-3.
 1952 *Achelia simplex*, - STOCK, Boll. Soc. Veneziana Stor. Nat., **6** (2): 182.
 1971 *Achelia simplex*, - WYER, KING & JARVIS, Ir. Nat., **17**: 92-94.
 1974 *Achelia simplex*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 23 [key], 32-33, fig. 13, 14D.
 1975 *Achelia simplex*, - KRAPP-SCHICKEL & KRAPP, Vie Milieu, (B) **25** (1): 14 fig. 4, 17, 18-20 (tab. II) 21-23 (ecology).
 1987 *Achelia simplex*, - ARNAUD, Mesogee, **47**: 39.
 1990 *Achelia simplex*, - STOCK, Cah. Biol. Mar., **31**: 516.

Distribution: Mediterranean and temperate NE-Atlantic.
Depth range: 0-8m.
Habitat: *Corallina mediterranea*; *Halimeda tuna*; *Halopteris scoparia*; *Peyssonelia squamaria*; *Cutleria* sp.; *Cystoseira abrotanifolia*, *adriatica*, *crinita* and *discors*; *Padina pavonia*; *Sargassum linifolium*.

Achelia simplissima (HILTON 1939)

- 1939 *Ammothea simplissima* HILTON, J. Ent. Zool. Pomona College, **31** (2): 31-32.
 1951 *Achelia simplissima*, - HEDGPETH, Wasmann J. Biol., **9** (1): 106-108.

Distribution: California.
Habitat: bryozoans.

Achelia socors (LOMAN 1908)

- 1908 *Ammothea socors* LOMAN, Siboga Exped. Monogr., **40**: 61-62, pl. I, figs. 14-19.
 1985 *Achelia socors*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **10** (18): 157.
 1991 *Achelia socors*, - STOCK, Mém. Mus. natn. Hist. nat (A), **151**: 220.

Distribution: Indonesia (between Ceram, and Buru and Strait of Makassar), Philippines.
Depth range: 24-97m.

Achelia spatula NAKAMURA & CHILD 1983

- 1983 *Achelia spatula* NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 10-12, fig. 3.

Distribution: Japan.
Depth range: 7-15m.

Achelia spicata (HODGSON 1915)

- 1915 *Austrothea spicata* HODGSON, Ann. Mag. Nat. Hist., (8) **15** (85): 147.
 1915 *Achelia intermedia* CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3**: 57 [key], 60, fig. 15.
 1915 *Achelia spicata*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 57-60, figs. 13-14.
 1927 *Achelia intermedia*, - HODGSON, Dt. Südpolar Exped., **19** (Zool. II): 345 [key].
 1932 *Achelia intermedia*, - GORDON, Discovery Rep., **6**: 112, fig. 61.
 1935 *Ammothea spicata*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 285.
 1938 *Achelia spicata*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot), **2** (8): 22 [key], 23.
 1940 *Achelia intermedia*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 80, 81 [key].
 1944 *Achelia intermedia*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Exped., (B), **5** (1): 52.
 1944 *Achelia spicata*, - GORDON, Rep. Brit. Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 52 [key].
 1947 *Achelia intermedia*, - STEPHENSEN, Sci. Res. Norw. Antarct. Exped., 1927-1928, **27**: 85.
 1950 *Achelia intermedia*, - HEDGPETH, Proc. U.S. Natn. Mus., **100** (3260): 153, 159.
 1950 *Achelia spicata*, - HEDGPETH, Proc. U.S. Natn. Mus., **100** (3260): 153, 159.
 1951 *Achelia intermedia*, - SAWAYA, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, (Zool.), **16**: 274 [key].
 1952 *Achelia intermedia*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, (2) **24** (2): 181.
 1952 *Achelia intermedia*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, (2) **24** (3): 263.
 1952 *Achelia spicata*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, (2) **24** (3): 263.
 1969 *Achelia (Ignavogriphus) spicata*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 103 [key], 109-110, figs. 168-170, 152-154, 157.
 1980 *Achelia spicata*, - KRAPP, Bull. Inst. Roy. Sci. Nat. Belg., **52** (18): 2.

Distribution: Arctic and subantarctic area.

Depth range: 30-470m.

***Achelia spinosa* WILSON 1878**

- 1853 *Zetes spinosa* STIMPSON, Smiths. Contr. Knowl., **6** (5): 37.
 1878 *Achelia spinosa* WILSON, Trans. Conn. Acad. Arts & Sci., **5**: 7-8, pl. 2, fig. 1a-h.
 1878 *Ammothea achelioides* WILSON, Trans. Conn. Acad. Arts & Sci., **5**: 16-17, pl. 5, fig. 1a-e.
 1880 *Achelia spinosa*, - WILSON, Rep. U.S. Fish. Comm., **6**: 473-476, pl. 1, fig. 1, pl. 2, fig. 8.
 1880 *Ammothea achelioides*, - WILSON, Rep. U.S. Fish. Comm., **6**: 484-485, pl. 4, figs. 19-20.
 1901 *Achelia spinosa*, - WHITEAVES, Geol. Surv. Can., **772**: 262.
 1901 *Ammothea achelioides*, - WHITEAVES, Geol. Surv. Can., **772**: 203.
 1908 *Ammothea echinata*, - J. Linn. Soc. London (Zool.), **30**: 224.
 1930 *Ammothea (Achelia) echinata?* var. *spinosa*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 133-136.
 1943 *Ammothea spinosa*, - NEEDLER, Can. Atl. Fauna, **10**: 16, fig. 20a-d.

- 1948 *Achelia spinosa*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 212-214, fig. 38a-b.
 1954 *Achelia spinosa*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 96.
 1963 *Achelia spinosa*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1337-1338.

Distribution: E-coast of N-America; Japan; Bering Sea; Point Barrow.

Depth range: ?-732m.

Achelia spinoseta (HILTON 1939)

- 1939 *Ammothea spinoseta* HILTON, J. Ent. Zool. Pomona College, **31** (2): 31.
 1939 *Achelia spinoseta*, - HEDGPETH, Wasmann J. Biol., **9** (1): 106.

Distribution: California.

Depth range: intertidal.

Habitat: rocky shore.

Achelia sufflata GORDON 1944

- 1944 *Achelia sufflata* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 53-54, fig. 18a-e.
 1969 *Achelia (Pigrolavatus) sufflata*, - FRY & HEDGPETH, N.Z. Oceanogr. Onst. Mem., **49**: 105-106, figs. 153, 155, 156, 161, 162.

Distribution: Arctic.

Depth range: 180-300m.

Achelia superba (LOMAN 1911)

- 1911 *Ammothea superba* LOMAN, Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-Naturwiss. Kl.), Suppl. **2** (4): 11-12, pls. 1-2, figs. 14-24.
 1936 *Ammothea superba*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 866.
 1947 *Ammothea superba*, - OHSHIMA & KISHIDA, in: Illustr. Encyclopaedia Fauna Japan: 1008, fig. 2860.
 1949 *Achelia superba*, - HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 288.
 1951 *Achelia superba*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **1** (4): 160-161.
 1954 *Achelia superba*, - STOCK, Vidensk. Medd. dansk naturhist. Foren, **116**: 96.
 1955 *Achelia superba*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 23-24, fig. 13.
 1959 *Achelia superba*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 202.
 1962 *Achelia superba*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 97.
 1971 *Achelia superba*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 328.
 1983 *Achelia superba*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 12.
 1987 *Achelia superba*, - NAKAMURA, Biol. Lab., Imperial Household: 21-23, pls. 18, 36.
 1990 *Achelia superba*, - TURPAYEVA, Zool. Zh., **69** (9): 19-20, fig. 2.
 1991 *Achelia superba*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 6.

Distribution: NW-Pacific, from the Sea of Okhotsk off Sakhalin south to Kii Strait.

Depth range: 7-300m.

Habitat: sand.

Achelia tenuipes STOCK 1990

1990 *Achelia tenuipes* STOCK, Zool. Meded., **63** (16): 215-217, fig. 5.

Distribution: Cape Verde Islands.

Depth range: 1200m.

Achelia transfuga STOCK 1954

1954 *Achelia transfuga* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 109-112, figs. 52-53.

1969 *Aduncorostris transfuga*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 113.

Distribution: Antarctica; Lyttelton harbour.

Depth range: 2-10m.

Habitat: muddy bottom.

Achelia transfugoides STOCK 1973

1973 *Achelia transfugoides* STOCK, Beaufortia, **20** (266): 104-106, fig. 2.

1973 *Achelia transfugoides*, - STOCK, Beaufortia, **21** (279): 92.

Distribution: Australia (West Island, Toad Head).

Depth range: 5-28m.

Habitat: *Phacelocarpus* (algae).

Achelia turba STOCK 1990

1990 *Achelia turba* STOCK, Zool. Meded., **63** (16): 213-215, fig. 4.

Distribution: Canary Islands.

Depth range: 0-1m.

Habitat: rocky shore; sublittoral sand; under stones with actinaria.

Achelia uschakovi (LOSINA-LOSINSKY 1933)

1933 *Ammonothea uschakovi* LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 50-52, 76, fig. 4.

Distribution: Bering Sea (Lawrentji Bay).

Depth range: 8-10m.

Achelia vulgaris (COSTA 1861)

1861 *Alcinous vulgaris* COSTA, Microdoride mediterranea, o descrizione de' poco ben conosciuti ignoti viventi e microscopici del Mediterraneo, etc., **1**: 11.

- 1881 *Ammothea franciscana* DOHRN, Monogr. Fauna Flora Golf Neapel, **3**: 135-141, pl. III.
- 1923 *Achelia vulgaris*, - BOUVIER, Faune de France, 7: 55.
- 1954 *Achelia vulgaris*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 100.
- 1958 *Achelia vulgaris*, - STOCK, Bull. Sea Fish. Res. Stat. Haifa, **16**: 3.
- 1959 *Achelia vulgaris*, - GOTTLIEB, Thesis; Hebrew Univ. Jerusalem: 114.
- 1962 *Achelia vulgaris*, - STOCK, Ent. Ber., Amsterdam, **22** (11): 219.
- 1966 *Achelia vulgaris*, - de HARO, Invest. Pesqu., **30**: 665.
- 1966 *Achelia vulgaris*, - LEDOYER, Rec. Trav. Stat. Mar. d'Endoume, **41** (57): 162.
- 1966 *Achelia vulgaris*, - STOCK, Atlantide Rep., **9**: 45-46.
- 1966 *Achelia vulgaris*, - FAGE & STOCK, Ann. Inst. Océanogr. Monaco., **44**: 316.
- 1968 *Achelia vulgaris*, - LEDOYER, Rec. Trav. Stat. Mar. d'Endoume, **44** (60): 170.
- 1973 *Achelia vulgaris*, - ARNAUD, Tethys, **5** (1): 151.
- 1973 *Achelia vulgaris*, - KRAPP, Beaufortia, **21** (277): 58.
- 1975 *Achelia vulgaris*, - KRAPP, Bonn. zool. Beitr., **26** (1-3): 284.
- 1976 *Achelia vulgaris*, - ARNAUD, Acta Ecol. Iranica, **1**: 71.
- 1978 *Achelia vulgaris*, - MUNILLA, Publ. Univ. Autonom. Barcelona Ballaterra, Fac. Cien. (Tesis Doc.): 8.
- 1981 *Achelia vulgaris*, - MUNILLA, Bull. Inst. Catalana Hist. Nat., **47** (Sec. Zool., 4): 80.
- 1983 *Achelia vulgaris*, - KRAPP, Bonn. zool. Beitr., **34** (1-3): 408.
- 1984 *Achelia vulgaris*, - MUNILLA & de HARO, in: Els sistemes de les illes Medes, ROS, OLIVELLA & GILI eds., Barcelona: 531, 533-535, tab. III-IV.
- 1987 *Achelia vulgaris*, - ARNAUD, Mesogee, **47**: 39.
- 1987 *Achelia vulgaris*, - SANCHEZ & MUNILLA, Vieraea, **17**: 182.
- 1990 *Achelia vulgaris*, - STOCK, Zool. Meded., **63** (16): 218.

Distribution: Mediterranean, Atlantic coast of Morocco, Canary and Cape Verde Islands.

Depth range: 0-300m.

Habitat: found in a variety of substrata.

***Acheliana* ARNAUD 1971**

- 1971 *Acheliana* ARNAUD, Beaufortia, **18** (241): 199 [diagnosis], 201 [remarks].

***Acheliana tropicalis* ARNAUD 1971**

- 1971 *Acheliana tropicalis* ARNAUD, Beaufortia, **18** (241): 201-204, figs. 1-9.

Distribution: Madagascar.

Depth range: 0.5m.

Habitat: on reef, "platier externe algal" (ARNAUD).

***Ammothea* LEACH 1814**

- 1932 *Ammothea*, - GORDON, Discovery Rep., **6**: 94 [remarks], 95-96 [key to antarctic and subantarctic species].
- 1956 *Ammothea*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **54**: 45 [diagnosis].
- 1969 *Ammothea*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 67-63 [general remarks], 71 [key to species], 73 [diagnosis].
- 1969 *Magnammothea* FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 90 [diagnosis].

- 1969 *Thaumastopycnon* FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 91 [diagnosis].
- 1969 *Athernopycnon* FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 94 [diagnosis].
- 1969 *Anammothea* FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 97 [diagnosis].
- 1977 *Ammothea*, - CLARK, J. Roy. Soc. N.Z., **7** (2): 171-176 [remarks, checklist and key to species].
- 1983 *Ammothea*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 12 [remarks], 13 [key to Japanese species].
- 1986 *Ammothea*, - KRAPP, Bonn. Zool. Beitr., **37** (4): 202 [tab. 1, comparison with *Achelia*].

Additional synonymy: *Leionymphon*.

***Ammothea allopododes* FRY & HEDGPETH 1969**

- 1944 *Ammothea spinosa* var., - GORDON, Rep. Brit., Austr., and N.Z. Antarct. Res. Exped., (B), **5** (1): 50-51, figs. 16a-e, 17.
- 1969 *Ammothea* (*Mathoma*) *allopododes* FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 85-87, figs. 104, 105, 106-129.

Distribution: Antarctic and Subantarctic area.

Depth range: 474-540m.

***Ammothea antipodensis* CLARK 1972**

- 1972 *Ammothea antipodensis* CLARK, N.Z. J. Mar. Freshw. Res., **5** (3-4): 435-438, fig. 4A-K.
- 1977 *Ammothea antipodensis*, - CLARK, J. Roy. Soc. N.Z., **7** (2): 180-181, figs. 15-24.

Distribution: New Zealand.

Depth range: 0-24m.

Habitat: on red and brown algae, bryozoans.

***Ammothea australiensis* FLYNN 1919**

- 1919 *Ammothea australiensis* FLYNN, Pap. Proc. Roy. Soc. Tasm., 1918: 95-99, pl. XIV, figs. 4-6.
- 1940 *Achelia flynni*, - MARCUS, Bolm. Fac. Fil., Ciên. Letr. Univ., S. Paulo, **19** (Zool. 4): 84, 124.
- 1963 *Ammothea australiensis*, - CLARK, Rec. Austr. Mus., **26** (1): 57-59, fig. 29A-G, 59 [comparison with *A. magniceps*].
- 1973 *Ammothea australiensis*, - STOCK, Beaufortia, **20** (266): 102.
- 1975 *Ammothea australiensis*, - CHILD, Smiths. Contr. Zool., **190**: 24.
- 1977 *Ammothea australiensis*, - CLARK, J. Roy. Soc. N.Z., **7** (2): 176-180, figs. 1, 3, 5, 7A, 9, 10-11, 13.

Distribution: Australia and New Zealand.

Depth range: 0-124m.

Habitat: red algae (*Gelidium*), under rocks, in tide pools.

***Ammothea calmani* GORDON 1932**

- 1915 *Ammothea striata?* CALMAN, - Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 55-56.
- 1932 *Ammothea calmani* GORDON, Discovery Rep., **6**: 104-106, figs. 54-55.
- 1935 *Ammothea calmani*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 285.
- 1969 *Ammothea (Mathoma) calmani*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 83-85, figs. 104, 105, 123-125.

Distribution: Antarctica.

Depth range: 99-549m.

***Ammothea carolinensis* LEACH 1814**

- 1814 *Ammothea carolinensis* LEACH, Zool. Misc., **1**: 34, pl. 13.
- 1840 *Nymphon carolinensis*, - H. MILNE-EDWARDS, Hist. Nat. Crust., etc. ..., 3. Ordre des Araneiformes ou Pycnogonides: ?126.
- 1889 *Ammothea grandis* PFEFFER, Jb. Hamburg. Wiss. Anst., **6** (2): 43.
- 1902 *Colossendeis gibbosa* MÖBIUS, Wiss. Ergeb. dt. Tiefsee-Exped. "Valdivia", 1898-1899, 3: 192, pl. XXX, figs. 1-5.
- 1905 *Colossendeis (?) charcoti*, - BOUVIER, Bull. Mus. natn. Hist. nat., Paris, **11**: 296.
- 1906 *Ammothea curculio* BOUVIER, - C.R. Séanc. Hebd. Acad. Sci., Paris, **142**: 19.
- 1906 *Ammothea curculio*, - BOUVIER, L'Expéd. Antarct. Française, 1903-1905: 40.
- 1906 *Leionymphon grande*, - BOUVIER, L'Expéd. Antarct. Française, 1903-1905: 40-48, 60-65, pl. III, fig. 6.
- 1907 *Leionymphon gibbosum*, - HODGSON, Rep. natn. Antarct. Exped. 1901-1904, Nat. Hist., **3**: 40.
- 1907 *Leionymphon grande*, - HODGSON, Rep. Natn. Antarct. Expéd. 1901-1904, Nat. Hist., **3**: 41-43, pl. VI, fig. 1.
- 1908 *Leionymphon grande*, - HODGSON, Trans. Roy. Soc. Edinburgh, **46** (1) (6): 169-170.
- 1908 *Ammothea carolinensis*, - LOMAN, Siboga Exped. Monogr., **40**: 10.
- 1911 *Leionymphon grande*, - BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **152**: 1140.
- 1913 *Ammothea carolinensis*, - BOUVIER, Deuxième Exped. Antarct. Française (1908-1910), **6**: 127-131, figs. 78-82
- 1913 *Ammothea grandis*, - BOUVIER, Deuxième Exped. Antarct. Française (1908-1910), **6**: 126-127.
- 1915 *Ammothea carolinensis*, - CALMAN, Ann. Mag. Nat. Hist., (9) **15**: 310-315, figs. 1-3.
- 1915 *Ammothea carolinensis*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool. **3** (1): 51.
- 1915 *Ammothea carolinensis*, - HODGSON, Ann. Mag. Nat. Hist., (8) **15** (85): 146.
- 1927 *Ammothea carolinensis*, - HODGSON, Dt. Südpolar-Exped., **19** (Zool. II): 341-342 [key].
- 1927 *Ammothea curculio*, - HODGSON, Dt. Südpolar-Exped., **19** (Zool. II): 341.
- 1927 *Ammothea gibbosa*, - HODGSON, Dt. Südpolar-Exped., **19** (Zool. II): 341.
- 1927 *Ammothea grandis*, - HODGSON, Dt. Südpolar-Exped., **19** (Zool. II): 341.
- 1932 *Ammothea carolinensis*, - GORDON, Discovery Rep., **6**: 95, 109.
- 1935 *Leionymphon carolinensis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 284.
- 1938 *Ammothea gibbosa*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 20-21.

- 1944 *Ammothea gibbosa*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 52.
 1950 *Ammothea carolinensis*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 152.
 1950 *Ammothea gibbosa*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 152.
 1957 *Ammothea carolinensis*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 100.
 1969 *Ammothea (Ammothea) carolinensis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 73-75, figs. 104-108.

Distribution: W-Antarctic, from South Georgia southward.
Depth range: 10-640m.

***Ammothea clausi* PFEFFER 1889**

- 1889 *Ammothea clausi* PFEFFER, Jb. Hamburg. Wiss. Anst., **6** (2): 45.
 1905 *Ammothea antarctica* BOUVIER, Bull. Mus. natn. Hist. nat., Paris, **11**: 296.
 1906 *Ammothea antarctica*, - BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **142**: 19.
 1907 *Leionymphon australe* HODGSON, Rep. Natn. Antarct. Exped. 1901-1904, Nat. Hist., **3**: 46-49, pl. VII, fig. 1.
 1907 *Leionymphon clausi*, - HODGSON, Rep. Natn. Antarct. Exped. 1901-1904, Nat. Hist., **3**: 40.
 1908 *Leionymphon clausi*, - HODGSON, Trans. Roy. Soc. Edinburgh, **46** (1) (6): 160.
 1911 *Leionymphon clausi*, - BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **152**: 1140.
 1913 *Ammothea australis*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 123 [key].
 1913 *Ammothea clausi*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 135-138, figs. 88-89.
 1915 *Ammothea australis*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool. **3** (1): 53.
 1923 *Ammothea australe*, - LOMAN, Further Zool. Res. Swed. Anatarct. Exped., **1** (2): 23.
 1927 *Ammothea australis*, - HODGSON, Dt. Südpolar-Exped., **19** (Zool. II): 341, 342 [key].
 1927 *Ammothea clausi*, - HODGSON, Dt. Südpolar-Exped., **19** (Zool. II): 342, 343.
 1932 *Ammothea clausi*, - GORDON, Discovery Rep., **6**: 109-110.
 1935 *Leionymphon clausi*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 284.
 1938 *Ammothea australis*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot), **2** (8): 20.
 1950 *Ammothea clausi*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 152.
 1969 *Ammothea (Theamma) clausi*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 77.

Distribution: Antarctic (apparently common in the South Georgia-Bellingshausen Sea area).

Depth range: 3-860m.

***Ammothea depolaris* STOCK 1966**

- 1966 *Ammothea depolaris* STOCK, Ann. Inst. Océanogr. Monaco, **44**: 386-388, fig. 1.

Distribution: South of the Rio de la Plata, Argentina.

Depth range: 220-270m.

Ammothea dorsiplicata (Hilton, 1942)

1992 *Ammothea dorsiplicata*, - CHILD, Smiths. Contr. Zool., **526**: 4-6, fig. 1.

Distribution: Chile (NW of Valdivia).

Depth range: 1238m.

Synonymy: *Leionymphon dorsiplicata*.

Ammothea gigantea GORDON 1932

1932 *Ammothea gigantea* GORDON, Discovery Rep., **6**: 97-99, figs. 46, 47a.

1935 *Ammothea gigantea*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**, Abt. IV, 2 (1): 285.

1969 *Magnammothea gigantea*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 90-91, figs. 104, 105, 132, 137, 138.

Distribution: Antarctica.

Depth range: 99-1115m.

Ammothea glacialis (HODGSON 1907)

1907 *Leionymphon glaciale* HODGSON, Rep. Natn. Antarct. Exped. 1901-1904, Nat. Hist., **3**: 50, pl. 7, fig. 3.

1913 *Ammothea glacialis*, - BOUVIER, Deuxième Exped. Antarct. Française (1908-1910), **6**: 123 [key].

1915 *Ammothea gibbosa*, - CALMAN, Ann. Mag. nat. Hist., **8** (15): 51-52 [part.].

1915 *Ammothea glacialis*, - CALMAN, Ann. Mag. nat. Hist., **8** (15): 50-51.

1927 *Ammothea glacialis*, - HODGSON, Dt. Südpolar-Exped., **19** (Zool. II): 342-343.

1932 *Ammothea glacialis*, - GORDON, Discovery Rep., **6**: 96 [key].

1935 *Leionymphon glaciale*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 234.

1938 *Ammothea glacialis*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 20-21.

1944 *Ammothea glacialis*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 51-52.

1950 *Ammothea gibbosa*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 152.

1950 *Ammothea glacialis*, - HEDGPETH, Proc. U.S. Natn. Mus., **100** (3260): 152.

1952 *Ammothea glacialis*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, (2) **24** (3): 271.

1969 *Ammothea (Ammothea) glacialis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 75-77, figs. 104, 105, 109-111.

Distribution: Antarctica.

Depth range: 163-640m.

Ammothea hedgpethi (UTINOMI 1959)

1949 *Lecythorhynchus* sp., - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 296, figs. 44e-f.

- 1959 *Lecythorhynchus hedgpethi* UTINOMI, Publ. Seto. Mar. Biol. Lab., **7** (2): 212-216, figs. 7-9.
- 1962 *Lecythorhynchus hedgpethi*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 103.
- 1971 *Lecythorhynchus hedgpethi*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 336.
- 1977 *Ammothaea hedgpethi*, - CLARK, J. Roy. Soc. N.Z., **7** (2): 173, 176 [key].
- 1983 *Ammothaea hedgpethi*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 13 [key].
- 1987 *Ammothaea hedgpethi*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 142-143, fig. 2.
- 1987 *Ammothaea hedgpethi*, - NAKAMURA, Biol. Lab., Imperial Household: 23-24, pls. 19-20.
- 1991 *Ammothaea hedgpethi*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 6.

Distribution: Japan.

Depth range: 8-95 m.

***Ammothaea hilgendorfi* (BÖHM 1879)**

- 1879 *Corniger Hilgendorfi* BÖHM, Monatsber. Kgl. Preuss. Akad. Wiss. Berlin, 1879: 187-189, pl. 2 fig. 3-3d.
- 1879 *Lecythorhynchus Hilgendorfi*, - BÖHM, Sitz.-Ber. naturforsch. Fr. Berlin, 1879 (9): 140.
- 1881 *Lecythorhynchus hilgendorfi*, - HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 27.
- 1899 *Lecythorhynchus Hilgendorfi*, - SHIGIDO, Dôzatsu, **11** (128): 199.
- 1904 *Lecythorhynchus marginatus* COLE, Harriman Alaska Exped., **10**: 260, pl. 11, figs. 1-2, pl. 15, figs. 1-8.
- 1911 *Lecythorhynchus Hilgendorfi*, - LOMAN, Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-naturwiss. Kl.), Suppl. **2** (4): 8, pl. 2, figs. 28-29.
- 1913 *Lecythorhynchus marginatus*, - SCHIMKEWITSCH, Ann. Mus. Zool. Acad. Imp. Sci. St.-Pétersbourg, **18**: 240.
- 1915 *Lecythorhynchus marginatus*, - HILTON, J. Ent. Zool. Pomona College, **7** (1): 68.
- 1951 *Lecythorhynchus marginatus*, - HILTON, J. Ent. Zool. Pomona College, **7** (3): 204.
- 1919 *Lecythorhynchus Hilgendorfi*, - FUKUI, Rigakukai[?], **16** (2): 99.
- 1920 *Lecythorhynchus marginatus*, - HILTON, J. Ent. Zool. Pomona College, **12** (4): 93.
- 1927 *Lecythorhynchus hilgendorfi*, - OHSHIMA, Proc. Imp. Acad., Tokyo, **3** (9): 610, figs. 1-3.
- 1929 *Lecythorhynchus hilgendorfi*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **1**: 54, figs. 10-11.
- 1929 *Lecythorhynchus marginatus*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **1**: 50, figs. 7-9.
- 1933 *Lecythorhynchus marginatus*, - LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 61-62.
- 1934 *Lecythorhynchus marginatus*, - SCHMITT, J. Wash. Acad. Sci., **24** (1): 69.
- 1936 *Lecythorhynchus hilgendorfi*, - LOU, Contr. Inst. Zool., Natn. Acad. Peiping, **3** (5): 133, figs. 1-4, 5A, pls. 11-13.
- 1938 *Lecythorhynchus marginatus*, - HELFER, Sitz.-Ber. Ges. naturforsch. Fr. Berlin, 1937 (2): 184.
- 1938 *Lecythorhynchus hilgendorfi*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 867.
- 1939 *Lecythorhynchus marginatus*, - HILTON, J. Ent. Zool. Pomona College, **31** (2): 34.

- 1940 *Lecythorhynchus marginatus*, - HEDGPETH, J. Wash. Acad. Sci., **30** (2): 86.
 1941 *Lecythorhynchus marginatus*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26): 255 [key].
 1942 *Lecythorhynchus ovatus* HILTON, Occ. Pap. Bernice P. Bishop Mus., **17** (3): 54, fig. 10a-b.
 1943 *Lecythorhynchus marginatus*, - HILTON, J. Ent. Zool. Pomona College, **35** (1): 4.
 1947 *Lecythorhynchus hilgendorfi*, - OHSHIMA & KISHIDA, Illustr. Encyclopaedia Fauna Japan: 1009, fig. 2864.
 1949 *Lecythorhynchus hilgendorfi*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 296, fig. 44a-b.
 1949 *Lecythorhynchus marginatus*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 296.
 1949 *Ammothella ovata*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 296.
 1949 *Lecythorhynchus ovatus*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 296, fig. 44a-b.
 1951 *Lecythorhynchus marginatus*, - HEDGPETH, Wasmann J. Biol., **9** (1): 110.
 1951 *Lecythorhynchus hilgendorfi*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **1** (4): 166.
 1954 *Lecythorhynchus marginatum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 139.
 1956 *Lecythorhynchus marginatum*, - STOCK, Mitt. Zool. Mus. Berlin, **124**: 124-127, fig. 1.

Distribution: South Africa, Agulhas Bank to Transkei coast.
Depth range: 90-900m.

***Ammothella spinifera* COLE 1904**

- 1904 *Ammothella spinifera* COLE, - Harriman Alaska Exped., **10**: 275-277, pl. 12, fig. 8, pl. 20, figs. 7-9, pl. 21, figs. 1-6.
 1913 *Ammothella spinifera*, - HALL, Univ. Calif. Publ. Zool., **11** (6): 132. [key].
 1941 *Ammothella spinifera*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26): 256 [key].
 1942 *Ammothella spinifera*, - HILTON, J. Ent. Zool. Pomona College, **34** (4): 97.
 1954 *Ammothella spinifera*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**, 119 [key].
 1955 *Ammothella spinifera*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 253.
 1979 *Ammothella spinifera*, - CHILD, Smiths. Contr. Zool., **293**: 11; Literatur.
 1986 *Ammothella spinifera*, - STOCK, Bull. mar. Sci., **38** (3): 400 tab. 1.
 1990 *Ammothella spinifera*, - MÜLLER, Bonn. zool. Beitr., **41** (3-4): 278.
 1992 *Ammothella spinifera*, - CHILD, Smiths. Contr. Zool., **526**: 9-11.
 1992 *Ammothella spinifera*, - Müller, Stud. Nat. Hist. Caribb. Reg., **71**: 43-44, figs. 2-3.
 1992 *Ammothella spinifera*, - STOCK, Tijdschr. Ent., **135**: 116, 139.

Distribution: California to Pacific Coast of Panamá; Ecuador; Caribbean (Martinique; Caribbean Coast of Panamá); Brazil.

Depth range: 0-13m.

Habitat: in a variety of substrates.

***Ammothella stauromata* CHILD 1982**

- 1982 *Ammothella stauromata* CHILD, Proc. biol. Soc. Wash., **95** (2): 271-273, fig. 1.
 1988 *Ammothella stauromata*, - CHILD, Smiths. Contr. Zool., **468**: 5-6.
 1988 *Ammothella stauromata*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (4): 809.
 1990 *Ammothella stauromata*, - CHILD, Proc. biol. Soc. Wash., **103** (2): 316.
 1989 *Ammothella stauromata*, - MÜLLER, Bonn. zool. Beitr., **40** (2): 125.
 1990 *Ammothella stauromata*, - MÜLLER, Bonn. zool. Beitr., **41** (1): 66.
 1990 *Ammothella stauromata*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierkunde Dresden, **45** (10): 106.

Distribution: Marshall Islands; Samoa; Philippines; Society Islands (Moorea); Fiji Islands.

Depth range: 0-3m.

Habitat: on pilings; dead corals on reef; rubble.

***Ammothella stocki* CLARK 1963**

- 1963 *Ammothella stocki* CLARK, Rec. Austr. Mus., **26** (1): 66-68, fig. 32A-J.

Distribution: Australia (Port Jackson).

Depth range: shallow water.

Habitat: "amongst marine growth on oregon test piece of timber" (CLARK).

***Ammothella symbius* CHILD 1979**

- 1979 *Ammothella symbius*, - Smiths. Contr. Zool., **293**: 12-15, fig. 4.

Distribution: Pacific Coast of Costa Rica and Mexico.

Depth range: shallow water to littoral depths.

Habitat: *Abietinaria*, *Pocillopora*.

***Ammothella thetidis* CLARK 1963**

- 1963 *Ammothella thetidis* CLARK, Rec. Austr. Mus., **26** (1): 68-70, figs. 33A-G, 34A-F.

Distribution: Australia.

Depth range: 40-115m.

***Ammothella tippula* CHILD 1983**

- 1983 *Ammothella tippula* CHILD, Proc. biol. Soc. Wash., **96** (4): 701-705, fig. 2.
 1988 *Ammothella tippula*, - CHILD, Smiths. Contr. Zool., **468**: 7.
 1988 *Ammothella tippula*, - CHILD, Bull. biol. Soc. Wash., **8**: 51-52.
 1990 *Ammothella tippula*, - MÜLLER, Bonn. zool. Beitr., **41** (1): 67.
 1990 *Ammothella tippula*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierk. Dresden, **45** (9): 97.
 1990 *Ammothella tippula*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierk. Dresden, **45**

(10): 106.

1991 *Ammothella tippula*, - CHILD, Proc. biol. Soc. Wash., **104** (1): 138-139.

Distribution: Guam; Philippines; Seychelles (Aldabra Atoll); La Réunion; Sri Lanka.

Depth range: 0-11m.

Habitat: coral reefs. - rubble; dead corals; *Halimeda*; algal mats; coralline algae; dead barnacles covered with algae.

***Ammothella tuberculata* COLE 1904**

1904 *Ammothella tuberculata* COLE, Harriman Alaska Exped., **10**: 273-275, pl. XII, fig. 7, pl. XX, figs. 1-6.

1951 *Ammothella tuberculata*, - HEDGPETH, Wasmann J. Biol., **9** (1): 108.

Distribution: California.

***Ammothella tubicen* STOCK 1978**

1978 *Ammothella tubicen* STOCK, Cah. Biol. Mar., **19**: 194-197, fig. 3.

Distribution: N-Atlantic (Bay of Biscay).

Depth range: 1980-1995m.

***Ammothella uniunguiculata* (DOHRN 1881)**

1968 *Ammothella uniunguiculata*, - STOCK, Vie Milieu, **19** (1A): 13, fig. 5.

1973 *Ammothella uniunguiculata*, - KRAPP, Beaufortia, **21** (277): 59, fig. 1.

1976 *Ammothella uniunguiculata*, - ARNAUD, Acta Ecol. Iranica, **1**: 69.

1979 *Ammothella uniunguiculata*, - CHIMENEZ-GUSSO, BRIGNOLI & BASCIANO, Cah. Biol. Mar., **20**: 484.

1980 *Ammothella uniunguiculata*, - MUNILLA-LEON, Cah. Biol. Mar., **21**: 2.

1981 *Ammothella uniunguiculata*, - MUNILLA & de HARO, Bijdr. Dierk., **51** (2): 191-197, figs. 4, 11, tab. I (electrophoretical and immunological study).

1984 *Ammothella uniunguiculata*, - MUNILLA & de HARO, in: Els sistemes naturals de les illes Medes, ROS, OLIVELLA & GILI eds., Barcelona: tab. III-IV.

1987 *Ammothella uniunguiculata*, - ARNAUD, Mesogee, **47**: 41.

Distribution: E-Atlantic; Mediterranean.

Depth range: ?-11-16m.

Habitat: *Halopteris scoparia*; *Cystoseira*; *Posidonia*; *Corallina*; *Ulva*.

***Ammothella vanninii* STOCK 1982**

1982 *Ammothella vanninii* STOCK, Monit. zool. Ital., **17** (7): 183-187, figs. 1-7.

Distribution: Red Sea (Egypt; Israel); Somalia; Tanzania.

Depth range: shallow water

Habitat: on *Pocillopora* corals.

Ascorhynchus SARS 1877

- 1948 *Ascorhynchus*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 253-255 [diagnosis, key to NW-Atlantic species].
- 1953 *Ascorhynchus*, - STOCK, Temminckia, **9**: 304-305 [key to species].
- 1969 *Ascorhynchus*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 123 [diagnosis].
- 1979 *Ascorhynchus*, - CHILD, Smiths. Contr. Zool., **293**: 15 [key to Middle American species].
- 1983 *Ascorhynchus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 19 [key to Japanese species].
- 1986 *Ascorhynchus*, - STOCK, Bull. mar. Sci., **38** (3): 412.
- 1987 *Ascorhynchus*, - CHILD, Proc. biol. Soc. Wash., **100** (4): 906-907 [key to the giant species].
- 1992 *Ascorhynchus*, - CHILD, Mem. Hourglass Cruises, **9** (1): 15 [diagnosis].

Ascorhynchus abyssi SARS 1877

- 1877 *Ascorhynchus abyssi* SARS, Arch. Math. Naturvidensk., Kristiania, **2**: 367.
- 1888 *Ascorhynchus abyssi*, - SARS, Arch. Math. Naturvidensk., Oslo: **12**: 256.
- 1891 *Ascorhynchus abyssi*, - SARS, Norw. North-Atl. Exp., 1876-1878, **6** (Zool. 20): 133, pl. XIV, fig. 2a-t.
- 1898 *Ascorhynchus tridens* MEINERT, Danske Ingolf-Exped., **3** (1): 52-53, pl. V, figs. 7-18.
- 1899 *Ascorhynchus tridens*, - MEINERT, Danish Ingolf-Exped., **3** (1): 55-56, pl. V, figs. 7-18.
- 1901 *Ascorhynchus tridens*, - A catalogue of Crustacea and of Pycnogonida contained in the Museum of University College, Dundee: 55.
- 1901 *Ascorhynchus abyssi*, - MÖBIUS, Fauna Arctica, **2** (1): 54.
- 1901 *Ascorhynchus tridens*, - MÖBIUS, Fauna Arctica, **2** (1): 54.
- 1903 *Ascorhynchus abyssi*, - LÖHNBERG, Kungl. Svenska Vetensk. Akad. Handl., **10**: 358.
- 1908 *Ascorhynchus abyssi*, - NORMAN, J. Linn. Soc. Lond. (Zool.), **30**: 227.
- 1908 *Ascorhynchus tridens*, - NORMAN, J. Linn. Soc. Lond. (Zool.), **30**: 227.
- 1909 *Ascorhynchus abyssi*, - d'ARCY THOMPSON, Cambr. Nat. Hist., 274-275, fig. 266A-B.
- 1912 *Ascorhynchus abyssi*, - STEPHENSEN, Danmark Exp. Grönl. Nordostkyst., 1906-1908, **5** (11): 564-570.
- 1912 *Ascorhynchus castelli*, - LOMAN, Bull. Inst. Océanogr., Monaco, **238**: 8.
- 1917 *Ascorhynchus abyssi* var. *apicalis* BOUVIER, Res. Campagnes Sci. accomplies sur son yacht par Albert Ier Prince Souverain de Monaco, **51**: 37-38, pl. IV, fig. 8.
- 1923 *Ascorhynchus abyssi*, - BOUVIER, Faune de France, **7**: 49, fig. 45.
- 1930 *Ascorhynchus abyssi*, - SCHIMKEWITSCH, FAUNA SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 100, 102, 106.
- 1956 *Ascorhynchus abyssi*, - NOGUEIRA, Arq. Mus. Bocage, **27** (1): 92-93.
- 1964 *Ascorhynchus abyssi*, - LOSINA-LOSINSKY, Trudy Arch. Antarkt. Nauchno-Issledov. Inst., Leningrad, **259**: 334-336, fig. 1.
- 1984 *Ascorhynchus castelli*, - MUNILLA & de HARO, in: Els sistemes naturals de les illes Medes, ROS, OLIVELLA & GILI eds., Barcelona: 534-535, tab. III-IV.
- 1984 *Ascorhynchus abyssi*, - STOCK, J. mar. biol. Ass. U.K.: 745.

Distribution: NE-Atlantic, Arctica.

Depth range: 906-2396m.

Habitat: clay; mud.

***Ascorhynchus agassizi* SCHIMKEWITSCH 1893**

- 1893 *Ascorhynchus agassizii* SCHIMKEWITSCH, Bull. Mus. Comp. Zool., Harvard **25** (2): 36-39, pl. I, figs. 4-6, pl. II, figs. 12-13, 16-17.
 1909 *Ascorhynchus agassizi*, - COLE. Bull. Mus. Comp. Zool., **52** (11): 185.

Distribution: E-Pacific (Panamá).

Depth range: 1018-1416m.

Habitat: green sand, large globules.

***Ascorhynchus antipodus* CHILD 1987**

- 1987 *Ascorhynchus antipodus* CHILD, Proc. biol. Soc. Wash., **100** (4): 902-904, fig. 1.

Distribution: SW-Pacific, off Antipodes Islands.

Depth range: 5340m.

***Ascorhynchus arenicola* (DOHRN 1881)**

- 1881 *Barana arenicola* DOHRN, Monogr. Fauna Flora Golf. Neapel, **3**: 129-133, pl. II, figs. 2-8.
 1986 *Ascorhynchus arenicola*, - CHIMENZ & COTTARELLI, Oebalia, 13, N.S.: 138.
 1987 *Ascorhynchus arenicola*, - ARNAUD, Mesogee, **47**: 41.

Distribution: Mediterranean Sea.

Depth range: 5-20m.

Habitat: "caractéristique de fonds détritiques sableux" (ARNAUD); is found on sandy and sandy-muddy bottom.

***Ascorhynchus armatus* (WILSON 1881)**

- 1881 *Scaeorhynchus armatus* WILSON, Bull. Mus. Comp. Zool., Harvard, **8** (12): 248-249, pl. 2, figs. 3-4, pl. 5, figs. 26-31.
 1937 *Ascorhynchus agassizi*, - BOUVIER, Ann. Sci. Nat., Paris (Zool.), (10) **20** (1): 38.
 1943 *Ascorhynchus armatus*, - HEDGPETH, Proc. New England Zool. Club, **22**: 49-50.
 1943 *Ascorhynchus armatus*, - NEEDLER, Can. Atl. Fauna, **10**: 15, fig. 19a-e.
 1948 *Ascorhynchus armatus*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 255, figs. 42a, 43.
 1975 *Ascorhynchus armatus*, - STOCK, Bull. mar. Sci., **24** (4): 965-966, fig. 3.
 1990 *Ascorhynchus armatus*, - STOCK, Zool. Meded., **63** (16): 209.

Distribution: NW-Atlantic, including Caribbean; Sénégal.

Depth range: 1600-2300m.

***Ascorhynchus athernum* CHILD 1982**

1982 *Ascorhynchus athernum* CHILD, *Smiths. Contr. Zool.*, **349**: 4-6, fig. 1.

Distribution: North American Basin.

Depth range: 2862m.

***Ascorhynchus auchenicum* (SLATER 1879)**

- 1879 *Parazetes auchenicus* SLATER, *Ann. Mag. Nat. Hist.*, (5) **3** (16): 281-283.
 1881 *Parazetes auchenicus*, - HOEK, *Rep. Sci. Res. Expl. Voyage HMS Challenger*, **3** (10): 26.
 1881 *Ascorhynchus minutus* HOEK, *Rep. Sci. Res. Expl. Voyage HMS Challenger*, **3** (10): 55-57, pl. VI, figs. 10-16.
 1890 *Ascorhynchus bicornis* ORTMANN, *Zool. Jb. (Syst.)*, **5** (1): 162.
 1890 *Ascorhynchus glabroides* ORTMANN, *Zool. Jb. Syst.*, **5** (1): 160-161, pl. 24 figs. 3a-b.
 1899 *Parazetes auchenicus*, - SHISHIDO, *Dôzatsu*, **11** (128): 199.
 1911 *Ascorhynchus glabroides*, - LOMAN, *Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-Naturw. Klasse)*, Suppl. **2** (4): 7
 1922 *Ascorhynchus auchenicus*, - CALMAN, *Ann. Mag. Nat. Hist.*, **9** (9): 199-203, figs. 1-4.
 1929 *Ascorhynchus minutus*, - SCHIMKEWITSCH, *Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR*, **1**: 111, figs. 26-27.
 1936 *Ascorhynchus auchenicus*, - OHSHIMA, *Dôbutsugaku Zasshi*, **48** (8-10): 864.
 1949 *Ascorhynchus auchenicus*, - HEDGPETH, *Proc. U.S. natn. Mus.*, **98** (3231): 291.
 1949 *Ascorhynchus glabroides*, - HEDGPETH, *Proc. U.S. natn. Mus.*, **98** (3231): 291-292.
 1951 *Ascorhynchus glabroides*, - UTINOMI, *Publ. Seto. Mar. Biol. Lab.*, **1** (4): 166.
 1953 *Ascorhynchus auchenicum*, - STOCK, *Temminckia*, **9**: 304 [key].
 1954 *Ascorhynchus auchenicus*, - STOCK, *Vidensk. Medd. dansk naturhist. Foren.*, **116**: 124-126, figs. 59-60.
 1955 *Ascorhynchus glabroides*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **5** (1): 25.
 1959 *Ascorhynchus auchenicum*, - UTINOMI, - *Publ. Seto Mar. Biol. Lab.*, **7** (2): 206.
 1965 *Ascorhynchus auchenicus*, - UTINOMI, *New Illustrated Encyclopaedia of the Fauna of Japan*, **2**: 337, fig. 27.
 1971 *Ascorhynchus auchenicum*, - *Publ. Seto Mar. Biol. Lab.*, **18** (5): 332.
 1971 *Ascorhynchus glabroides*, - *Publ. Seto Mar. Biol. Lab.*, **18** (5): 333.
 1983 *Ascorhynchus auchenicum*, - NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **386**: 20.
 1987 *Ascorhynchus auchenicum*, - NAKAMURA, *Biol. Lab. Imperial Household*: 27-28, pls. 24, 37.

Distribution: apparently endemic to Japan.

Depth range: 18-550m.

Habitat: hard bottom; gravel; sand.

***Ascorhynchus bacescui* STOCK 1975**

- 1975 *Ascorhynchus bacescui* STOCK, *Trav. Mus. Hist. nat. "Grigore Antipa"*, **16**: 128-131, figs. 1-9.

Distribution: E-Africa.

***Ascorhynchus birsteini* Turpaeva, 1971**

- 1971 *Ascorhynchus birsteini* TURPAEVA, Byull. Moskovsk. obsh. Ispyt. Prirod., Otd. Biol., **76** (3): 107-109, fig. 2.
 1992 *Ascorhynchus birsteini*, - CHILD, Smiths. Contr. Zool., **526**: 11.

Distribution: northern Parts of the Peru-Chile Trench.
Depth range: 5986-6260m.

***Ascorhynchus breviscapus* STOCK 1968**

- 1968 *Ascorhynchus breviscapus* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 9-10, fig. 1.
 1991 *Ascorhynchus breviscapus*, - STOCK, Mém. Mus. natn. Hist. nat., (A), **151**: 127-128, fig. 1.

Distribution: South Africa, New Caledonia.
Depth range: 825-1361m.
Habitat: hard bottom, grab.

***Ascorhynchus bucerus* TURPAEVA 1971**

- 1971 *Ascorhynchus bucerus* TURPAEVA, Byull. Moskovsk. obsh. Ispyt. Prirod., Otd. Biol., **76** (3): 105-107, fig. 1.
 1991 *Ascorhynchus bucerus*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 129 [text].

Distribution: Pacific Ocean (Kurile-Kamtchatka Trench).
Depth range: 5035-5210 m.

***Ascorhynchus cactoides* STOCK 1954**

- 1954 *Ascorhynchus cactoides* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 132-135, figs. 63d-f, 66.
 1991 *Ascorhynchus cactoides*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 128-129, fig. 2bd-d.
 1991 *Ascorhynchus cactoides*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 128-129, fig. 2b-d.

Distribution: Kei Islands (Indonesia), New Caledonia, Philippines.
Depth range: 90-515.
Habitat: sand.

***Ascorhynchus castelli* (DOHRN 1881)**

- 1881 *Barana castelli* DOHRN, Monogr. Fauna Flora Golf Neapel, **3**: 123-129, pl. I, figs. 1-16, pl. II, fig. 1.
 1891 *Barana castelnaudi* ORTMANN, Zool. Jb. (Syst.), **5** (1): 159.
 1908 *Barana castelli*, - NORMAN, J. Linn. Soc. London (Zool.), **30**: 227.
 1909 *Barana castelli*, - d'ARCY THOMPSON, in: The Cambridge Nat. Hist.: 533.

- 1912 *Ascorhynchus castelli*, - LOMAN, Bull. Inst. Océanogr. Monaco, **238**: 8.
 1917 *Ascorhynchus castelli*, - BOUVIER, Res. Campagnes Sci. accomplies sur son Yacht par Albert Ier Prince Souverain de Monaco, **51**: 5, 6.
 1923 *Ascorhynchus castelli*, - BOUVIER, Faune de France, **7**: 49, fig. 46.
 1929 *Ascorhynchus castelli*, - GILTAY, Bull. & Ann. Soc. Ent. Belg., **69**: 174-175.
 1966 *Ascorhynchus castelli*, - de HARO, Invest. Pesqu., **30**: 665.
 1966 *Ascorhynchus castelli*, - de HARO, Bol. Real. Soc. Espan. Hist. Nat., Madrid (Secc. Biol.), **64**: 8, 10.
 1966 *Ascorhynchus castelli*, - SOYER, Dorianana, **47** (174): 2.
 1968 *Ascorhynchus castelli*, - LEDOYER, Rec. Trav. Stat. Mar. d'Endoume, **44** (60): 170.
 1966 *Ascorhynchus castelli*, - STOCK, Vie Milieu, **17** (1B): 407.
 1968 *Ascorhynchus castelli*, - STOCK, Vie Milieu, **19** (1A): 10-11, fig. 2.
 1975 *Ascorhynchus castelli*, - STOCK, Bull. mar. Sci., **24** (4): 966-968, fig. 4.
 1976 *Ascorhynchus castelli*, - KRAPP & KRAEUTER, Bonn. zool. Beitr., **27**: 340-342
 1978 *Ascorhynchus castelli*, - CHIMENZ-GUSSO, FRESI, CINELLI, MAZZELLA, PANSINI & PRONZATO, Mem. Biol. Mar. Ocean., **8** (4): 98.
 1987 *Ascorhynchus castelli*, - ARNAUD, Mesogee, **47**: 41.

Distribution: Mediterranean and temperate-tropical N-Atlantic.

Depth range: upper sublittoral-130m.

Habitat: on a variety of substrata.

***Ascorhynchus castellioides* STOCK 1957**

- 1957 *Ascorhynchus castellioides* STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 82-84, fig. 2.
 1970 *Ascorhynchus castellioides*, - BAYER, VOSS & ROBINS, in: Rep. Mar. Fauna and Benthic Shelf-slope communities of the Isthmian Region; Univ. Miami: A48, A117.
 1975 *Ascorhynchus castellioides*, - STOCK, Bull. mar. Sci., **24** (4): 968.
 1976 *Ascorhynchus castellioides*, - BIRKELAND, REIMER & YOUNG, Ecol. Res. Ser.: 133.
 1979 *Ascorhynchus castellioides*, - CHILD, Smiths. Contr. Zool., **293**: 15.
 1986 *Ascorhynchus castellioides*, - STOCK, Bull. mar. Sci., **38** (3): 400.
 1992 *Ascorhynchus castellioides*, - Müller, Stud. Nat. Hist. Caribb. Reg., **71**: 45.

Distribution: W-Atlantik, Florida south to Venezuela.

Depth range: 0-30m.

Habitat: in a variety of substrata, often found in fouling of pilings; "Feeds probably on sponges" (STOCK 1975); red algae, sponges, and hydroids on wreck.

***Ascorhynchus colei* HEDGPETH 1943**

- 1943 *Ascorhynchus colei* HEDGPETH, Proc. New England Zool. Club, **22**: 50.
 1948 *Ascorhynchus colei*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 257-258, fig. 44g-k.
 1986 *Ascorhynchus colei*, - STOCK, Bull. mar. Sci., **38** (3): 400 tab. 1, 412.

Distribution: W-Atlantic (Florida, Bahamas, Dominican Republic).

Depth range: 0-293 m.

***Ascorhynchus comatum* CHILD 1992**

1992 *Ascorhynchus comatum* CHILD, Smiths. Contr. Zool., **526**: 11-13, fig. 4.

Distribution: Ecuador.

Depth range: 1363-1369m.

***Ascorhynchus compactum* CLARK 1963**

1963 *Ascorhynchus compactum* CLARK, Rec. Austr. Mus., **26** (1): 61-63, fig. 30A-H.

Distribution: Australia (Port Jackson).

Depth range: intertidal.

Habitat: on rocks.

***Ascorhynchus cooki* CHILD 1987**

1987 *Ascorhynchus cooki* CHILD, Proc. biol. Soc. Wash., **100** (4): 904-906, fig. 2.

Distribution: SW-Pacific, SW of Macquarie Island; New Zealand, N of Chatham Rise, SE of Cook Strait.

Depth range: 2610-2992m.

***Ascorhynchus corderoi* du BOIS-REYMOND MARCUS 1952**

1952 *Ascorhynchus corderoi* du BOIS-REYMOND MARCUS, An. Acad. Bras. Cien., **24** (1): 23-30, figs. 1-9.

1953 *Ascorhynchus corderoi*, - STOCK, Temminckia, **9**: 304.

1965 *Ascorhynchus corderoi*, - STOCK, Beaufortia, **13** (151): 14.

1988 *Ascorhynchus corderoi*, - CHILD, Bull. biol. Soc. Wash., **8**: 52.

1992 *Ascorhynchus corderoi*, - STOCK, Bijdr. Dierk., **62** (2): 82.

Distribution: Brazil (off Sao Paulo); Mauritius: Seychelles (Aldabra Atoll); Oman.

Depth range: shallow water.

Habitat: coral reefs. - in coral.

***Ascorhynchus crenatum* CHILD 1992**

1992 *Ascorhynchus crenatum* CHILD, Mem. Hourglass Cruises, **9** (1): 8 [key], 9 [tab. 3], 15-17, fig. 5, 19 [text], 76 [tab. 12], 78 [tab. 14].

Distribution: off central west Florida.

Depth range: 55-76 m.

***Ascorhynchus cryptopygium* ORTMANN 1890**

- 1890 *Ascorhynchus cryptopygium* ORTMANN, Zool. Jb. (Syst.), **5** (1): 159-160, pl. XXIV fig. 2.
 1899 *Ascorhynchus cryptopygium*, - SHISHIDO, Dôzatsu, **11** (128): 199.
 1911 *Ascorhynchus cryptopygium*, - LOMAN, Abh. Kaiserl. Bayr. Akad. Wiss (Math.-Naturwiss. Kl.) Suppl. **2** (4): 7.
 1918 *Ascorhynchus cryptopygium*, - FUKUI, Rigakukai(?), **16** (2): 98.
 1936 *Ascorhynchus cryptopygium*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 865.
 1953 *Ascorhynchus cryptopygium*, - STOCK, Temminckia, **9**: 304 [key].
 1954 *Ascorhynchus cryptopygium*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 121.
 1955 *Ascorhynchus cryptopygium*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 24-25, fig. 14.
 1971 *Ascorhynchus cryptopygius*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 333.
 1983 *Ascorhynchus cryptopygium*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 19 [key], 20.

Distribution: Japan.

Depth range: 75-274 m.

Habitat: hard and sand bottom.

***Ascorhynchus cuculum* FRY & HEDGPETH 1969**

- 1969 *Ascorhynchus cuculum* FRY & HEDGPETH, Fauna of the Ross Sea, 7. Mem. N.Z. Oceanogr. Inst., **49**: 123-124, figs. 203-204.
 1974 *Ascorhynchus hedgpethi* TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **98**: 285-287, fig. 4.
 1982 *Ascorhynchus cuculum*, - CHILD, Smiths. Contr. Zool., **349**: 6, fig. 2a-b.

Distribution: Scotia Sea Basin; Argentine Basin.

Depth range: 3475-3910m.

***Ascorhynchus discrepans* STOCK 1955**

- 1955 *Ascorhynchus discrepans* STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 257-260, figs. 22-23.
 1986 *Ascorhynchus discrepans*, - STOCK, Bull. mar. Sci., **38** (3): 400 tab. 1.

Distribution: off western coast of Thatch Island (near St. John); north of Congo Cay (northwest of St. John).

Depth range: 26-29m.

***Ascorhynchus endoparasiticus* ARNAUD 1978**

- 1978 *Ascorhynchus endoparsiticus* ARNAUD, Zool. J. Linn. Soc., **63**: 99-104, figs. 1-2.

Distribution: Azores.

Depth range: 1590-1655m.

Habitat: parasitic inside the pallial cavity of the opisthobranch mollusc (*Scaphander punctostriatus*).

Ascorhynchus foresti STOCK 1991

- 1991 *Ascorhynchus foresti* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 214-216, figs. 1-2.

Distribution: Philippines.

Depth range: 92-97m.

Ascorhynchus fragilis STOCK 1991

- 1991 *Ascorhynchus fragilis* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 129-131, figs. 3-4.

Distribution: New Caledonia.

Depth range: 2365-3700m.

Ascorhynchus fusticulum NAKAMURA & CHILD 1983

- 1983 *Ascorhynchus fusticulum* NAKAMURA & CHILD, Sths. Contr. Zool., **386**: 20-24, fig. 6.

Distribution: Japan.

Depth range: 75-85m.

Ascorhynchus glaber HOEK 1881

- 1881 *Ascorhynchus glaber* HOEK, Challenger Rep., London, **3** (10): 53-55, pl. VI, figs. 5-9, pl. XV, fig. 16
- 1956 *Ascorhynchus glaber*, - FAGE, Galathea Repths., **2**: 175.
- 1991 *Ascorhynchus glaber*, - TURPAEVA, Zool. Zh., **70** (12): 37.

Distribution: off Madagascar.

Depth range: 2500-2500m.

Ascorhynchus glaberrimum SCHIMKEWITSCH 1913

- 1913 *Ascorhynchus glaberrimum* SCHIMKEWITSCH, Ann. Mus. Zool. Acad. Imp. Sci. St.-Petersbourg, **18**: 242, pl. 3a figs. 8-14.
- 1930 *Ascorhynchus glaberrimum*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 107.
- 1949 *Ascorhynchus glaberrimum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 293.
- 1955 *Ascorhynchus glaberrimum*, - UTINIOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 26, fig. 15.
- 1959 *Ascorhynchus glaberrimum*, - UTINIOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 208.
- 1962 *Ascorhynchus glaberrimum*, - UTINIOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 100.
- 1971 *Ascorhynchus glaberrimum*, - UTINIOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 334.
- 1983 *Ascorhynchus glaberrimum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 23-

24, fig. 7.

- 1986 *Ascorhynchus glaberrimum*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 48-50.
 1987 *Ascorhynchus glaberrimum*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 146.
 1987 *Ascorhynchus glaberrimum*, - NAKAMURA, Biol. Lab., Imperial Household: 29-30, pls. 25-26.
 1991 *Ascorhynchus glaberrimum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 7-8.

Distribution: Japan and Korea.

Depth range: 0-230 m.

***Ascorhynchus horologium* CHILD 1992**

- 1992 *Ascorhynchus horologium* CHILD, Mem. Hourglass Cruises, **9** (1): 9 [key, tab. 3], 17-20, fig. 6, 76 [tab. 12], 78 [tab. 14].

Distribution: off central west Florida.

Depth range: 73-90 m.

***Ascorhynchus inflatum* STOCK 1963**

- 1963 *Ascorhynchus inflatum* STOCK, Ann. S. Afr. Mus., **46** (12): 323-326, figs. 2-3.
 1971 *Ascorhynchus inflatum*, - TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **92**: 284-286, fig. 6.
 1992 *Ascorhynchus inflatum*, - CHILD, Smiths. Contr. Zool., **526**: 13.

Distribution: Cape Basin off South Africa; Kurile-Kamtchatka Trench; Scotia Sea; Peru-Chile Trench.

Depth range: 2743-6070m.

***Ascorhynchus insularum* CLARK 1971**

- 1971 *Ascorhynchus insularum* CLARK, N.Z. J. Mar. Freshw. Res., **5** (2): 335-336, fig. 2A-L.
 1977 *Ascorhynchus insularum*, - CLARK, N.Z. H. mar. Freshw. Res., **11** (1): 176.

Distribution: New Zealand (Snares Islands).

Depth range: lower littoral.

Habitat: on stalked barnacles; "on limpets incrustated with polychaete tubes and bryozoa, in mid-littoral crevices" (CLARK).

***Ascorhynchus japonicum* IVES 1891**

- 1891 *Ascorhynchus japonicus* IVES, Proc. Acad. Nat. Sci. Philadelphia, 1892-1893: 219-221, pl. XII, figs. 4-10.
 1911 *Ascorhynchus japonicus*, - LOMAN, Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-Naturwiss. Kl.), Suppl. **2** (4): 5.
 1919 *Ascorhynchus japonicus*, - FUKUI, Rigakukai(?), **16** (2): 98.
 1936 *Ascorhynchus japonicus*, - OHSIMA, Dôbutsugaku Zasshi, **48** (8-10): 865.
 1942 *Ascorhynchus agassizi*, - HILTON, J. Ent. Zool. Pomona College, **34**: 98.

- 1947 *Ascorhynchus japonicus*, - OHSIMA & KISHIDA, Illustrated Encyclopaedia of the Fauna of Japan: 1008, fig. 2859.
- 1949 *Ascorhynchus japonicus*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 292-293.
- 1951 *Ascorhynchus japonicus*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **1** (4): 166.
- 1953 *Ascorhynchus japonicum*, STOCK, Temminckia, **9**: 305 [key].
- 1954 *Ascorhynchus japonicum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 126-128, figs. 61-62.
- 1955 *Ascorhynchus japonicum*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 24.
- 1959 *Ascorhynchus japonicum*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 205.
- 1961 *Ascorhynchus japonicus*, - LOSINA-LOSINSKY, Issl. Dalnyevost. Morei SSSR, Leningrad, **7**: 107-108, fig. 25.
- 1971 *Ascorhynchus japonicus*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 333.
- 1973 *Ascorhynchus japonicus*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **91**: 181.
- 1983 *Ascorhynchus japonicum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 19 [key].
- 1987 *Ascorhynchus japonicum*, - NAKAMURA, Biol. Lab. Imperial Household: 30-31, pls. 27, 38.

Distribution: NW-Pacific and ?Oregon coast of America.

Depth range: 53-1700m.

Habitat: sand bottom.

***Ascorhynchus laterospinum* HILTON 1942**

- 1942 *Ascorhynchus laterospinus* HILTON, J. Ent. Zool. Pomona College, **34** (4): 98.
- 1953 *Ascorhynchus laterospinum*, - STOCK, Temminckia, **9**: 304.
- 1971 *Ascorhynchus laterospinum*, - CHILD & HEDGPETH, J. nat. Hist., **5**: 628-631, fig. 8.

Distribution: Galápagos Archipelago.

Depth range: 1159m.

***Ascorhynchus latipes* (COLE 1906)**

- 1906 *Barana latipes* COLE, Am. Nat., **40** (471): 217-222, pls. 1-2.
- 1940 *Ascorhynchus latipes*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 93.
- 1948 *Ascorhynchus latipes*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 256-257, fig. 42b.
- 1952 *Ascorhynchus latipes*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, (2) **24** (6): 530.
- 1953 *Ascorhynchus latipes*, - STOCK, Temminckia, **9**: 304 [key].
- 1954 *Ascorhynchus latipes*, - HEDGPETH, Fish. Bull. Fish & Wildlife Service U.S., **89** (55): 427.
- 1954 *Ascorhynchus latipes*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 116.
- 1975 *Ascorhynchus latipes*, - STOCK, Bull. mar. Sci., **24** (4): 969.
- 1976 *Ascorhynchus latipes*, - BIRKELAND, REIMER & YOUNG, Ecol. Res. Ser.: 133.
- 1979 *Ascorhynchus latipes*, - CHILD, Smiths. Contr. Zool., **293**: 15; Literatur.
- 1979 *Ascorhynchus latipes*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 969.
- 1982 *Ascorhynchus latipes*, - CHILD, Smiths. Contr. mar. Sci., **12**: 359.

- 1986 *Ascorhynchus latipes*, - STOCK, Bull. mar. Sci., **38** (3): 400 tab. 1.
 1992 *Ascorhynchus latipes*, - CHILD, Mem. Hourglass Cruises, **9** (1): 9 [key, tab. 3], 21, fig. 7.

Distribution: amphi-atlantic; W-Atlantic from the Bahamas to the northern coast of South America; E-Atlantic from Senegal.

Depth range: 0-2m.

Habitat: in a variety of substrata.

***Ascorhynchus latum* CALMAN 1923**

- 1923 *Ascorhynchus latus* CALMAN, Rec. Indian Mus., **24** (3): 270-272, figs. 2-3.
 1954 *Ascorhynchus latum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 128, fig. 63a-c.
 1990 *Ascorhynchus latum*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierk. Dresden, **45** (1): 106.

Distribution: Gulf of Manaar; Gulf of Siam; Thailand.

Depth range: 3-17m.

Habitat: brownish sand.

***Ascorhynchus levissimum* LOMAN 1908**

- 1908 *Ascorhynchus levissimus* LOMAN, Siboga Exp. Monogr., **40**: 33-34, pl. IV, figs. 46-51
 1953 *Ascorhynchus levissimus*, - STOCK, Temminckia, **9**: 304 [key].
 1990 *Ascorhynchus levissimus*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **103** (2): 305, fig. 1A-D.

Distribution: Flores Sea.

Depth range: 630-794m.

***Ascorhynchus longicolle* (HASWELL 1884)**

- 1884 *Ascorhynchus longicollis* HASWELL, Proc. Linn. Soc. N.S.W. **9**: 1028-1029, pl. 56, figs. 1-4.
 1889 *Ascorhynchus longicollis*, - WHITELEGGE, J. Proc. Roy. Soc. N.S.W., **23** (2): 223.
 1908 *Ascorhynchus longicollis*, - LOMAN, Siboga Exp. Monogr., **40**: 32.
 1909 *Eurydyce longicollis*, - d' ARCY THOMPSON, Cambr. Nat. Hist., 533.
 1920 *Ascorhynchus longicollis*, - FLYNN, Pap. Proc. Roy. Soc. Tasmania, 1910: 81-83, pl. XXI, figs. 16-17.
 1963 *Ascorhynchus longicollis*, - CLARK, Rec. Austr. Mus., **26** (1): 60-61, fig. 29H-M.

Distribution: Australia.

Habitat: among seaweeds.

***Ascorhynchus losinalosinskii* TURPAEVA 1971**

- 1971 *Ascorhynchus losinalosinskii* TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **92**: 280-281, fig. 5.

Distribution: Kurile-Kamtchatka Trench.
Depth range: 3145-3250m.

***Ascorhynchus mariae* TURPAEVA 1971**

- 1971 *Ascorhynchus mariae* TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **92**: 280-281, fig. 4.

Distribution: Kurile-Kamtchatka Trench.
Depth range: 3145-3250m.

***Ascorhynchus melwardi* FLYNN 1929**

- 1929 *Ascorhynchus melwardi* FLYNN, Mem. Qd. Mus., **9** (3): 252-256, figs. 1-3.
 1954 *Ascorhynchus melwardi*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 128-132, figs. 64-65.
 1968 *Ascorhynchus melwardi*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 8.

Distribution: Kei Islands; Singapore.
Depth range: 0-30m.
Habitat: sand; shells.

***Ascorhynchus meteor* MÜLLER 1989**

- 1989 *Ascorhynchus meteor* MÜLLER, Senckenbergiana marit., **20** (5/6): 278-279, figs. 1-7.

Distribution: Gulf of Aden.
Depth range: 35-45m.

***Ascorhynchus minutum* HOEK 1881**

- 1881 *Ascorhynchus minutum* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 55-57, pl. VI, figs. 10-16.
 1908 *Ascorhynchus minutum*, - LOMAN, Siboga Exp. Monogr., **40**: 33.
 1922 *Ascorhynchus auchenicus*, - CALMAN, Ann. Mag. Nat. Hist., **9** (9): 199-203 [part.].
 1953 *Ascorhynchus minutum*, - STOCK, Temminckia, **9**: 305.
 1954 *Ascorhynchus minutum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 121-124, fig. 57d-h.
 1963 *Ascorhynchus minutum*, - CLARK, Rec. Austr. Mus., **26** (1): 61.
 1975 *Ascorhynchus minutum*, - CHILD, Smiths. Contr. Zool., **190**: 26.

Distribution: Indonesia; Australia (Queensland, New South Wales).

Depth range: 30-100m.
Habitat: sand, mud, silt.

***Ascorhynchus okai* NAKAMURA & CHILD 1983**

- 1983 *Ascorhynchus okai* NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **386**: 24-26, fig. 8.

Distribution: Japan.

Depth range: 30-85m.

***Ascorhynchus ornatum* (HELPER 1938)**

- 1938 *Ainigma ornatum* HELPER, *Sitz.-Ber. Ges. naturforsch. Freunde Berlin*, 1937 (2): 181-183, fig. 10a-f.
- 1953 *Ascorhynchus ornatum*, - STOCK, *Beaufortia*, **35** (4): 41-44, fig. 6a-g.
- 1953 *Ascorhynchus ornatum*, - STOCK, *Temminckia*, **9**: 304 [key].
- 1954 *Ainigma ornatum*, - BARNARD, *Ann. S. Afr. Mus.*, **41** (3): 144, fig. 28B
- 1988 *Ascorhynchus ornatum*, - ARNAUD & CHILD, *Ann. S. Afr. Mus.*, **98** (6): 127.
- 1989 *Ascorhynchus ornatum*, - MÜLLER, *Senckenbergiana marit.*, **20** (5/6): 280-281, figs. 8-14.
- 1991 *Ascorhynchus ornatum*, - STOCK, *Mém. Mus. natn. Hist. nat. (A)*, **151**: 131, fig. 2a.

Distribution: South Africa, New Caledonia.

Depth range: 90-708m.

***Ascorhynchus orthorhynchus* HOEK 1881**

- 1881 *Ascorhynchus orthorhynchus* HOEK, *Rep. Sci. Res. Expl. Voyage HMS Challenger*, **3** (10): 57-59, pl. V, figs. 11-13, pl. Vi, figs. 1-4, pl. XV, figs. 14-15.
- 1908 *Ascorhynchus orthorhynchus*, - LOMAN, *Siboga Exp. Monogr.*, **40**: 31.
- 1953 *Ascorhynchus orthorhynchus*, - STOCK, *Temminckia*, **9**: 301.

Distribution: East Indies.

Depth range: 439m.

***Ascorhynchus ovicoxa* STOCK 1975**

- 1975 *Ascorhynchus ovicoxa* STOCK, *Bull. mar. Sci.*, **24** (4): 969-972, figs. 5-6.
- 1982 *Ascorhynchus ovicoxa*, - CHILD, *Smiths. Contr. Zool.*, **349**: 6.
- 1986 *Ascorhynchus ovicoxa*, - STOCK, *Bull. mar. Sci.*, **38** (3): 400 tab. 1, 412.

Distribution: W-Atlantic (Florida; North American Basin, north of Bermuda).

Depth range: 333-2223m.

***Ascorhynchus pararmatus* STOCK 1975**

- 1943 *Ascorhynchus pararmatus*, - HEDGPETH, *Proc. New England Zool. Club.*, **22**: 49-50.
- 1975 *Ascorhynchus pararmatus* STOCK, *Bull. mar. Sci.*, **24** (4): 960-966, figs. 1-2.

1986 *Ascorhynchus pararmatus*, - STOCK, Bull. mar. Sci., **38** (3): 400 tab. 1, 412.

Distribution: Bahamas to Florida.

Depth range: 101-2195m.

***Ascorhynchus parvituberculatum* STOCK 1953**

1953 *Ascorhynchus parvituberculatum* STOCK, Temminckia, **9**: 301-304, fig. 15.

Distribution: Indonesia (near Timor).

Depth range: 10-15m.

***Ascorhynchus paxillum* CHILD 1992**

1992 *Ascorhynchus paxillum* CHILD, Smiths. Contr. Zool., **526**: 13-15, fig. 5.

Distribution: Costa Rica (Cocos Ridge).

Depth range: 1892m.

***Ascorhynchus pennai* (MELLO-LEITAO 1946)**

1946 *Acantammothella pennai* MELLO-LEITAO, An. Acad. Bras. Cien., **18** (4): 292-296, figs. 1-4.

Distribution: Brazil (Baia de Guanabara).

***Ascorhynchus pilipes* STOCK 1991**

1991 *Ascorhynchus pilipes* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 131-134, figs. 5-6.

Distribution: New Caledonia.

Depth range: 1600-1640m.

***Ascorhynchus prosum* NAKAMURA & CHILD 1983**

1983 *Ascorhynchus prosum* NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 26-29, fig. 9.

Distribution: Japan.

Depth range: 30m.

***Ascorhynchus pudicum* STOCK 1970**

1970 *Ascorhynchus pudicum* STOCK, "Meteor"-Forsch.-Ergebn., D, 5: 6-7, figs. 1-7.

1991 *Ascorhynchus pudicus*, - STOCK, Bull. Mus. natn. Hist. nat., 4e sér., **13**, sec. A, nos. 1-2: 137.

Distribution: NW-Africa (Josephine Bank); NE-Atlantic.

Depth range: 205-310m.

***Ascorhynchus pyriginospinum* McCLOSKEY 1967**

- 1967 *Ascorhynchus pyriginospinum* McCLOSKEY, J. nat. Hist., **1**: 125-128, figs. 12-17.
 1967 *Nanmphon grasslei* McCLOSKEY, J. nat. Hist., **1**: 123-125, figs. 7-11.
 1973 *Ascorhynchus pyriginospinum*, - KRAEUTER, J. nat. Hist., **7**: 495.
 1976 *Ascorhynchus pyriginospinum*, - KRAPP & KRAEUTER, Bonn. zool. Beitr., **27**: 342.
 1982 *Ascorhynchus pyriginospinum*, - CHILD, Smiths. Contr. Zool., **349**: 6-8.
 1992 *Ascorhynchus pyriginospinum*, - CHILD, Mem. Hourglass Cruises, **9** (1): 8 [key], 9 [tab. 3], 21-24, fig. 8.

Distribution: Gulf of Alabama and Florida, off Georgia and North Carolina, New England continental slope.

Depth range: 32-811m.

***Ascorhynchus ramipes* (BÖHM 1879)**

- 1879 *Gnaptorhynchus ramipes* BÖHM, Sitz.-Ber. Ges. naturforsch. Freunde Berlin, 1879 (4): 56-59, fig. 1.
 1881 *Ascorhynchus ramipes*, - HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 25.
 1890 *Ascorhynchus ramipes*, - ORTMANN, Zool. Jb. (Syst.), **5** (1): 161-162, pl. 24.
 1899 *Ascorhynchus ramipes*, - SHISHIDO, Dôzatsu, **11** (128): 199.
 1911 *Ascorhynchus ramipes*, - LOMAN, Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-Naturwiss. Kl.), Suppl. **2** (4): 6 [part.].
 1923 *Ascorhynchus latus*, - CALMAN, Rec. Indian Mus., **25** (3), 270.
 1936 *Ascorhynchus ramipes* var. *tsingtaoensis*, - LOU, Contr. Inst. Zool., Natn. Acad. Peiping, **3** (5): 2.
 1936 *Ascorhynchus ramipes*, OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 865.
 1936 *Ascorhynchus ramipes* var. *tsingtaoensis*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 865.
 1949 *Ascorhynchus ramipes*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 292.
 1953 *Ascorhynchus latum*, - STOCK, Temminckia, **9**: 304.
 1954 *Ascorhynchus latum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 128.
 1959 *Ascorhynchus ramipes*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 207, fig. 4B.
 1962 *Ascorhynchus ramipes*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 99.
 1971 *Ascorhynchus ramipes*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 332-333.
 1983 *Ascorhynchus ramipes*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 29.
 1983 *Ascorhynchus ramipes*, - NAKAMURA & SEKIGUCHI, Bull. Biogeogr. Soc. Japan, **38** (6): 39.
 1986 *Ascorhynchus ramipes*, - KIM, Proc. Nat. Sci. Res. Inst. KANU, **2** (1): 6.
 1986 *Ascorhynchus ramipes*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 50.
 1987 *Ascorhynchus ramipes*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 146.
 1987 *Ascorhynchus ramipes*, - NAKAMURA, Biol. Lab., Imperial Household: 31-32, pl. 28.
 1991 *Ascorhynchus ramipes*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 8.

Distribution: Japan to Gulf of Thailand and Gulf of Manaar,

India.

Depth range: 10-200m.

***Ascorhynchus serratum* HEDGPETH 1948**

- 1948 *Ascorhynchus serratum* HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 259-260, fig. 44a-f.
 1975 *Ascorhynchus serratum*, - STOCK, Bull. mar. Sci., **24** (4): 969.
 1982 *Ascorhynchus* sp. cf. *serratum*, - CHILD, Smiths. Contr. mar. Sci., **12**: 359.
 1986 *Ascorhynchus serratus*, - STOCK, Bull. mar. Sci., **38** (3): 400 tab. 1.
 1992 *Ascorhynchus serratum?*, - CHILD, Mem. Hourglass Cruises, **9** (1): 8 [key], 9 [tab. 3], 24, fig. 976 [tab. 12], 78 [tab. 14].

Distribution: Yucatan Channel of Mexico, off Belize, Northwest Providence Channel in the Bahamas.

Depth range: 27-711m.

Habitat: ?in coral and algae on outer reef slope.

***Ascorhynchus seticauda* STOCK 1991**

- 1991 *Ascorhynchus seticauda* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 134-137, figs. 7-8.

Distribution: New Caledonia (Chesterfield Islands).

Depth range: 600m.

***Ascorhynchus simile* FAGE 1942**

- 1942 *Ascorhynchus similis* FAGE, - Arch. Zool. Exp. Gén., **82**: 85-86, fig. 7.
 1957 *Ascorhynchus simile*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 81.
 1965 *Ascorhynchus simile*, - STOCK & SOYER, Vie et Milieu, **16** (1B): 416-417.
 1968 *Ascorhynchus simile*, - STOCK, Vie et Milieu, **19** (1A), Suppl.: 11, fig. 3.
 1987 *Ascorhynchus simile*, - ARNAUD, Mesogee, **47**: 42.

Distribution: W-Africa; Mediterranean.

Depth range: 5-100m.

Habitat: *Cymodocea truncata*; *Halarachnion spatulatum* (red alga).

***Ascorhynchus simplex* NAKAMURA & CHILD 1991**

- 1991 *Ascorhynchus simplex* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 8-10, fig. 2.

Distribution: Japan.

Depth range: 110-122m.

***Ascorhynchus stocki* HONG & KIM 1987**

- 1987 *Ascorhynchus stocki* HONG & KIM, Kor. J. Syst. Zool., **3** (2): 146-149, figs.

6-7.

Distribution: Korea.**Habitat:** mud bottom.***Ascorhynchus tenuirostris*** CARPENTER 1892

- 1892 *Ascorhynchus tenuirostris* CARPENTER, Sci. Proc. Roy. Dublin Soc., **7** (5) (40): 555-557, pl. XXII, figs. 7-14.

Distribution: Torres Straits.***Ascorhynchus tuberosum*** UTINOMI 1962

- 1962 *Ascorhynchus tuberosum* UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 100, figs. 5-6.
 1971 *Ascorhynchus tuberosus*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 334.
 1983 *Ascorhynchus tuberosum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 19 [key].
 1987 *Ascorhynchus tuberosum*, - NAKAMURA, Biol. Lab., Imperial Household: 32-33 pl. 29.
 1991 *Ascorhynchus tuberosum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 10-12, fig. 3.

Distribution: Japan.**Depth range:** 123-450m.***Ascorhynchus turritus*** STOCK 1978

- 1978 *Ascorhynchus turritus* STOCK, Cah. Biol. Mar., **19**: 192-194, fig. 2.
 1982 *Ascorhynchus turritus*, - CHILD, Smiths. Contr. Zool., **349**: 8.

Distribution: North American Basin, N of Bermuda; Bay of Biscay.**Depth range:** 1900-4400m.***Ascorhynchus utinomii*** NAKAMURA & CHILD 1982

- 1982 *Ascorhynchus utinomii* NAKAMURA & CHILD, Proc. biol. Soc. Wash., **95** (2): 283-285, fig. 1.
 1983 *Ascorhynchus utinomii*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 29-30.
 1991 *Ascorhynchus utinomii*, - NAKAMURA & CHILD, - Smiths. Contr. Zool., **512**: 12.

Distribution: Japan.**Depth range:** subtidal-41m.***Ascorhynchus verrucosus*** STOCK 1991

- 1991 *Ascorhynchus verrucosus* STOCK, Mem. Mus. natn. Hist. nat. (A), **151**: 216-219, figs. 3-4.

Distribution: Philippines.
Depth range: 92-97 m.

***Austroraptus* HODGSON 1907**

- 1932 *Austroraptus*, - GORDON, Discovery Rep., **6**: 114 [key to species].
 1954 *Austroraptus*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 146 [diagnosis, remarks].
 1956 *Austroraptus*, - Stock, Vidensk. Medd. Dansk. naturh. Foren., **118**: 92-93 [comparison with *Tanystylum*, diagnostic features].
 1969 *Austroraptus*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 113-116 [diagnosis, remarks, key to species].

***Austroraptus calcaratus* GORDON 1944**

- 1944 *Austroraptus calcaratus* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B) **5** (1): 58-62, fig. 21a-e.
 1969 *Austroraptus calcaratus*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 116, 120-121, figs. 174, 176-183, 194-196.

Distribution: Antarctica.
Depth range: 219m.

***Austroraptus juvenilis* CALMAN 1915.**

- 1915 *Austroraptus juvenilis* CALMAN, Br. Antarct. Terra Nova Exped. 1910, Zool. **3** (1): 63-65, fig. 18.
 1932 *Austroraptus juvenilis*, - GORDON, Discovery Rep., **6**: 114-115.
 1935 *Austroraptus juvenilis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**, Abt. IV, 2 (1): 291.
 1938 *Austroraptus juvenilis*, - GORDON, Sci. Rep. Australas.. AAntarct. Exped., ser. C, (Zool. & Bot.), **2** (8): 24.
 1952 *Austroraptus juvenilis*, - FAGE, Bull. Mus. natn. Hist. nat. Paris, ser. 2, **24** (3): 263, 272.
 1969 *Austroraptus juvenilis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem. **40**: 117-119, figs. 174-183, 187-189, 196.

Distribution: Antarctic.
Depth range: 40-472m.

***Austroraptus polaris* HODGSON 1907**

- 1907 *Austroraptus polaris* HODGSON, Natn. Antarct. Exped. 1901-1904, Nat. Hist., **3**: 54, pl. VIII, fig. 2.
 1915 *Austroraptus polaris*, - CALMAN, Br. Antarct. Terra Nova Exped. 1910, Zool. **3** (1): 62-63, fig. 17A-c.
 1915 *Austroraptus polaris*, - HODGSON, Ann. Mag. nat. Hist., ser. 8, **15**: 147.
 1923 *Austroraptus polaris*, - LOMAN, Zool. Res. Swed. Antarct. Exped., **1** (2): 30-31.
 1927 *Austroraptus polaris*, - HODGSON, Dt. Südpolar-Exped., **19**: 350.

- 1932 *Austroraptus polaris*, - GORDON, Discovery Rep., **6**: 114.
 1935 *Austroraptus polaris*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**,
 Abt. 4, 2 (1): 291, fig. 207.
 1938 *Austroraptus polaris*, - GORDON, Sci. Rep. Australas. Antarct. Exped., ser.
 C., (Zool. & Bot.) **2** (8): 24.
 1950 *Austroraptus polaris*, - HEDGPETH, Proc. U.S. natn. Mus., **100** ((3260): 154.
 1969 *Austroraptus polaris*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 116-
 117, figs. 174-186.

Distribution: Antarctica.

Depth range: 50-439m.

***Austroraptus praecox* CALMAN 1915**

- 1915 *Austroraptus praecox* CALMAN, Br. Antarct. Terra Nova Exped. 1901-1904, Nat.
 Hist., **3**: 63-64, fig. 18A-E.
 1932 *Austroraptus praecox*, - GORDON, Discovery Rep., **6**: 114.
 1935 *Austroraptus praecox*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**,
 Abt. 4, 2 (1): 291.
 1938 *Austroraptus praecox*, - GORDON, Sci. Rep. Australas. Antarct. Exped., ser.
 C, (Zool. & Bot.) **2** (8): 24.
 1944 *Austroraptus praecox*, - GORDON, Rep. B.A.N.Z. Antarct. Res. Exped., ser. B,
5 (1): 57-58, fig. 20a-b.
 1969 *Austroraptus praecox*, - FRY & HEDGPETH, - N.Z. Oceanogr. Inst. Mem., **49**:
 119-120, figs. 174-183, 190-193.

Distribution: Antarctica.

Depth range: 50-209m.

***Austroraptus sicarius* FRY & HEDGPETH 1969**

- 1969 *Austroraptus sicarius* FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 121-
 123, figs. 174, 176-182, 196-200.

Distribution: Antarctica.

Depth range: 380m.

***Bathyzetes* STOCK 1955**

- 1955 *Bathyzetes* Stock, Vidensk. Medd. dansk naturhist. Foren, **117**: 261
 [diagnosis, remarks].

***Bathyzetes setiger* (LOMAN 1908)**

- 1908 *Eurycyde setiger* LOMAN, Siboga Exped. Monogr., **40**: 29-30, pl. V, figs. 52-
 58.
 1955 *Bathyzetes setiger*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**:
 261, 262, [key], fig. 24a-c.
 1990 *Bathyzetes setiger*, - NAKAMURA & CHILD, - Proc. biol. Soc. Wash., **103** (2):
 305-307, fig. 1E-G.
 1991 *Bathyzetes setiger*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 152.

Distribution: Indonesia (near Menado, Flores Sea), New Caledonia.

Depth range: 550-1260 m.

Bathyzetes virago (LOMAN 1908)

1908 *Eurycyde virago* LOMAN, Siboga Exped. Monogr., **40**: 30-31, pl. V, figs. 59-65.

1955 *Bathyzetes virago* STOCK, Vidensk. Medd. dansk naturhist. Foren, **117**: 262, fig. 24d-f.

Distribution: SE-Asia (E of Ceram).

Depth range: 567m.

Habitat: mud.

Boehmia HOEK 1881

1954 *Boehmia*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 132-133 [diagnosis, key to South African species].

1988 *Boehmia*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 129 [key to species].

Boehmia chelata (MÖBIUS 1879)

1879 *Pycnogonum*(?) *chelatum* BÖHM, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, 1879: 192, pl. 2, figs. 5-5d.

1902 *Boehmia chelata*, - MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 189, pl. 28, fig. 15.

1909 *Boehmia chelata*, - SCHIMKEWITSCH, Zool. Anz., **34** (1): 3, fig. 1A, C.

1928 *Boehmia chelata*, - FLYNN, Repts. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Repts, I): 30, fig. 17.

1954 *Boehmia chelata*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 133-136, fig. 22.

1956 *Boehmia chelata*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 89.

Distribution: South Africa.

Depth range: 28-79m.

Boehmia dubia HEDGPETH 1950

1950 (?) *Boehmia dubia* HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 155-157, fig. 18.

Distribution: Antarctica (off Cape Royds, Ross Island).

Depth range: 106m.

Boehmia longirostris STOCK 1957

1957 *Boehmia longirostris* STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 95-96, fig. 13.

Distribution: South Africa.

***Boehmia tuberosa* MÖBIUS 1902**

- 1902 *Boehmia tuberosa*, MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 189-190, pl. 28 (figs. 13-14).
 1902 *Boehmia spinosa*, - MÖBIUS, - Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 190 [lapsus calami].
 1909 *Boehmia tuberosa*, - SCHIMKEWITSCH, Zool. Anz., **34** (1): 3-4, fig. 1B, D.
 1954 *Boehmia tuberosa*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 136-137, fig. 23.
 1957 *Boehmia tuberosa*, - STOCK, Mitt. Zool. Mus. Hamburg, **55**: 96.
 1962 *Boehmia tuberosa*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 278.
 1988 *Boehmia tuberosa*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 128-129, fig. 3H.

Distribution: South Africa.

Depth range: 11-550m.

Habitat: rocks; shells.

***Calypsopycnon* HEDGPETH 1948**

- 1948 *Calypsopycnon* HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 263-264 [diagnosis, remarks].

***Calypsopycnon georgiae* HEDGPETH 1948**

- 1948 *Calypsopycnon georgiae* HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 264-266, fig. 48.

Distribution: NW-Atlantic.

***Chonothea* NAKAMURA & CHILD 1983**

- 1983 *Chonothea* NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 30 [diagnosis, remarks].
 1991 *Chonothea*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 13.

***Chonothea hians* NAKAMURA & CHILD 1983**

- 1983 *Chonothea hians* NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 30-32, fig. 10.

Distribution: Japan.

Depth range: 160-174m.

***Chonothea verrucosa* NAKAMURA & CHILD 1991**

- 1991 *Chonothea verrucosa* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 14-16, fig. 6.

Distribution: Japan.

Depth range: 355-381m.

***Cilunculus* LOMAN 1908**

- 1908 *Cilunculus* LOMAN, Siboga Exped. Monogr., **40**: 54 [diagnosis, remarks].
 1949 *Cilunculus*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 293-294 [remarks].
 1955 *Cilunculus*, - Stock, Vidensk. Medd. Dansk naturhist. Foren., **117**: 255-256
 [key to species].
 1969 *Cilunculus*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 124 [diagnosis,
 remarks].
 1978 *Cilunculus*, - STOCK, Cah. Biol. Mar., **19**: 197-198 [remarks, key to species].
 1983 *Cilunculus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 32-33 [remarks,
 key to Japanese species].
 1990 *Cilunculus*, - TURPAEVA, Zool. Zh., **69** (9): 20-21.

***Cilunculus acanthus* FRY & HEDGPETH 1969**

- 1969 *Cilunculus acanthus* FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 126-127,
 figs. 207-209.
 1978 *Cilunculus acanthus*, - STOCK, Cah. Biol. Mar., **19**: 197.
 1982 *Cilunculus acanthus*, - CHILD, Smiths. Contr. Zool., **349**: 9.

Distribution: Antarctic; Argentine Basin.

Depth range: 2440-2700m.

***Cilunculus achelioides* STOCK 1991**

- 1991 *Cilunculus achelioides* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 143-146,
 figs. 14-15.

Distribution: New Caledonia.

Depth range: 505-515 m.

***Cilunculus alcicornis* STOCK 1978**

- 1978 *Cilunculus alcicornis* STOCK, Cah. Biol. Mar., **19**: 201-204, fig. 6.
 1983 *Cilunculus alcicornis*, - BAMBER, Zool. J. Linn. Soc., **77**: 69.
 1991 *Cilunculus alcicornis*, - STOCK, Bull. Mus. natn. Hist. nat., 4e sér., **13**,
 sec. A, nos. 1-2: 137.

Distribution: NE-Atlantic.

Depth range: 650-1140m.

Habitat: sandy mud, sometimes clayish, nullipores.

***Cilunculus antillensis* STOCK 1955**

- 1955 *Cilunculus antillensis* STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**:
 253-257, figs. 19-20.
 1986 *Cilunculus antillensis*, - STOCK, Bull. mar. Sci., **38** (3): 400 tab. 1.

Distribution: west of St. Croix, Virgin Islands.
Depth range: about 500 fathoms.

***Cilunculus armatus* (BÖHM 1879)**

- 1879 *Lecythorhynchus armatus* BÖHM, Sitz.-Ber. Ges. naturforsch. Freunde Berlin, 1879 (9): 141-142.
 1891 *Parazetes pubescens*, - ORTMANN, Zool. Jb. Syst., **5** (1): 163-164, pl. 24, fig. 5a-d.
 1909 *Ammothea armata*, - SCHIMKEWITSCH, Zool. Anz., **34** (1): 4, fig. 2.
 1911 *Cilunculus armatus*, - LOMAN, Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-Naturwiss. Kl.), Suppl. **2** (4): 9, pl. I, figs. 1-8.
 1918 *Cilunculus armatus*, - FUKUI, Rigakukai(?), **16** (2): 98.
 1929 *Cilungulus armatus*, - SCHIMKEWITSCH, Fauna SSSR, Izdatl'jstvo Akad. Nauk SSSR, **1**: 20, fig. 5A-C, 81, figs. 18, 19A-C, 20.
 1936 *Cilunculus armatus*, - OHSHIMA, Dōbutsugaku Zasshi, **48** (8-10): 866.
 1949 *Cilunculus armatus*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 294-295, fig. 43.
 1955 *Cilunculus armatus*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 27-28, fig. 16.
 1959 *Cilunculus armatus*, - UTINOMI, - Publ. Seto Mar. Biol. Lab., **7** (2): 205.
 1961 *Cilunculus armatus*, - LOSINA-LOSINSKY, Issled. Dalnyev. Morei SSSR, Leningrad, **7**: 108.
 1965 *Cilunculus armatus*, - UTINOMI, in: New Illustr. Encyclopaedia Fauna Japan, **2**: 337, fig. 25.
 1971 *Cilunculus armatus*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 334-335.
 1983 *Cilunculus armatus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 33.
 1987 *Cilunculus armatus*, - NAKAMURA, Biol. Lab., Imperial Household: 33-34, pls. 30, 39.

Distribution: Japan and Korea.
Depth range: 27-618 m.

***Cilunculus australiensis* CLARK 1963**

- 1963 *Cilunculus australiensis* CLARK, Rec. Austr. Mus., **26** (1): 71-73, fig. 35A-K.
 1991 *Cilunculus australiensis*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 146.

Distribution: Australia (New South Wales), New Caledonia.
Depth range: 40-435 m.

***Cilunculus cactoides* FRY & HEDGPETH 1969**

- 1969 *Cilunculus cactoides* FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 124-126, figs. 205-206.

Distribution: Antarctica (off South Shetlands).
Depth range: 72-433m.

***Cilunculus compactus* STOCK 1991**

- 1991 *Cilunculus compactus* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 146-149, figs. 16-17.
 1991 *Cilunculus compactus*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 219.

Distribution: New Caledonia, Philippines.

Depth range: 92-610m.

Cilunculus crinitus STOCK 1991

- 1991 *Cilunculus crinitus* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 149-151, figs. 18-19.

Distribution: New Caledonia.

Depth range: 1395 m.

Cilunculus europaeus STOCK 1978

- 1978 *Cilunculus europaeus* STOCK, Cah. Biol. Mar., **19**: 198-200, figs. 4, 5a-c.

Distribution: NE-Atlantic; Mediterranean.

Depth range: 660-1200m.

Habitat: calcareous bottom with large sandstone cobbles and fine granite.

Cilunculus frontosus LOMAN 1908

- 1908 *Cilunculus frontosus* LOMAN, Siboga Exped., **40**: 54-55, pl. VII, figs. 83-95.
 1991 *Cilunculus frontosus*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 149-151.

Distribution: New Caledonia; near Menado.

Depth range: 515-1260 m.

Cilunculus galeritus NAKAMURA & CHILD 1991

- 1991 *Cilunculus galeritus* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 16-18, fig. 7, 20-21 [text].

Distribution: Japan.

Depth range: 353-492 m.

Cilunculus gracilis NAKAMURA & CHILD 1991

- 1991 *Cilunculus gracilis* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 18-20, fig. 8.

Distribution: Japan.

Depth range: 700-1440m.

Cilunculus haradai NAKAMURA & CHILD 1983

- 1983 *Cilunculus haradai* NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **386**: 33-35, fig. 11.

Distribution: Japan.
Depth range: 30-416m.

***Cilunculus hirsutus* CLARK 1963**

- 1963 *Cilunculus hirsutus* CLARK, *Rec. Austr. Mus.*, **26** (1): 73-75, fig. 36A-L.
 1968 *Cilunculus hirsutus*, - STOCK, *Vidensk. Medd. dansk naturhist. Foren.*, **131**: 13.
 1991 *Cilunculus hirsutus*, - STOCK, *Mém. Mus. natn. Hist. nat. (A)*, **151**: 219.

Distribution: Australia; Philippines.
Depth range: 55-107m.
Habitat: gravel.

***Cilunculus kravcovi* PUSHKIN 1973**

- 1973 *Cilunculus kravcovi* PUSHKIN, *Zool. Zh.*, **52** (3): 432-434, figs. 1-12.

Distribution: off Croset Archipelago.
Depth range: 255-309m.

***Cilunculus pedatus* STOCK 1991**

- 1991 *Cilunculus pedatus* STOCK, *Mém. Mus. natn. Hist. nat (A)*, **151**: 152-154, figs. 20-21.

Distribution: New Caledonia.
Depth range: 825m.

***Cilunculus perspicax* LOMAN 1908**

- 1908 *Cilunculus perspicax* LOMAN, *Siboga Exped. Monogr.*, **40**: 55-56, pl. VII, figs. 96-101.

Distribution: SE-Asia (near Menado, north of Celebes).
Depth range: 1165-1260m.
Habitat: stony bottom.

***Cilunculus profundus* (HEDGPETH 1949)**

- 1949 *Ammothella profunda* HEDGPETH, *Proc. U.S. natn. Mus.*, **98** (3231): 289-291, fig. 42.
 1991 *Cilunculus profundus*, - NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **512**: 20 [text].

Distribution: Japan.

Depth range: 1142m.

Cilunculus sekiguchii NAKAMURA & CHILD 1983

- 1983 *Cilunculus sekiguchii* NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 35-38, fig. 12.

Distribution: Japan.

Depth range: 30-492m.

Cilunculus sewelli CALMAN 1938

- 1938 *Cilunculus sewelli* CALMAN, Sci. Rep. John Murray Exped., **5** (6): 161-163, figs. 8, 9.
 1956 *Ammothella gigas*, - FAGE, Galathea Rep., **2**: 173-175, figs. 9-14.
 1963 *Cilunculus sewelli*, - CLARK, Rec. Austr. Mus., **26** (1): 75.
 1968 *Cilunculus sewelli*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 13.
 1988 *Cilunculus sewelli*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 129-130.
 1990 *Cilunculus sewelli*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierk. Dresden, **45** (10): 106.
 1990 *Cilunculus sewelli*, - TURPAYEVA, Zool. Zh., **69** (9): 21-22, fig. 3.
 1991 *Cilunculus sewelli*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 21.

Distribution: Known from scattered places in the Indo-West Pacific: off Zanzibar, Natal (South Africa), Kenya, Mozambique Channel, New Zealand and Japan.

Depth range: 183-1789m.

Cilunculus spinicristus CHILD 1987

- 1987 *Cilunculus spinicristus* CHILD, Proc. biol. Soc. Wash., **100** (4): 907-909, fig. 3.

Distribution: New Zealand (Antipodes Islands).

Depth range: 476-540m.

Cilunculus tubicinis CHILD 1982

- 1982 *Cilunculus tubicinis* CHILD, Smiths. Contr. Zool., **349**: 9-11, fig. 3.

Distribution: West European Basin, SW of Ireland.

Depth range: 2868-2890m.

Dromedopycnon CHILD 1982

- 1982 *Dromedopycnon* Child, Smiths. Contr. Zool., **349**: 15-16 [diagnosis, remarks].

Dromedopycnon acanthus CHILD 1982

1982 *Dromedopycnon acanthus* CHILD, *Smiths. Contr. Zool.*, **349**: 16-18, fig. 5.

Distribution: southeast of Cape Horn, and from Tierra del Fuego-Burdwood Bank areas and the Brazil Slope off Recife.

Depth range: 124-903m.

***Elassorhis* CHILD 1982**

1982 *Elassorhis* Child, *Smiths. Contr. Zool.*, **349**: 11-12 [diagnosis, remarks].

***Elassorhis laterospina* CHILD 1982**

1982 *Elassorhis laterospina* CHILD, *Smiths. Contr. Zool.*, **349**: 12-14, fig. 4.

Distribution: Brazil Slope, off Recife.

Depth range: 943-1007m.

***Ephyrogymna* HEDGPETH 1943**

1948 *Ephyrogymna*, - HEDGPETH, *Proc. U.S. Natn. Mus.*, **97** (3216): 261 [diagnosis].

***Ephyrogymna circularis* HEDGPETH 1943**

1943 *Ephyrogymna circularis* HEDGPETH, *Proc. New England Zool. Club*, **22**: 51-52, pl. 9 figs. a-g.

1948 *Ephyrogymna circularis*, - HEDGPETH, *Proc. U.S. Natn. Mus.*, **97** (3216): 261-262, fig. 46.

1986 *Ephyrogymna circularis*, - STOCK, *Bull. mar. Sci.*, **38** (3): 400 tab. 1.

Distribution: off Martinique, Caribbean Sea.

Depth range: 961-1034m.

***Eurycyde* SCHIÖDTE 1857**

1948 *Eurycyde*, - HEDGPETH, *Proc. U.S. natn. Mus.*, **97** (3216): 260 [diagnosis, remarks].

1979 *Eurycyde*, - STOCK, *Smiths. Contr. Zool.*, 293: 16 [key to Middle American species].

1986 *Eurycyde*, - STOCK, *Bull. mar. Sci.*, **38** (3): 407.

1988 *Eurycyde*, - Child, *Smiths. Contr. Zool.*, **468**: 7-8 [remarks, key to species].

1992 *Eurycyde*, - CHILD, *Mem. Hourglass Cruises*, **9** (1): 25 [diagnosis].

***Eurycyde acanthopus* STOCK 1979**

1979 *Eurycyde acanthopus* STOCK, *Stud. Fauna Curaçao and other Caribb. Isl.*, **59** (184): 3-8, figs. 2, 3g-h.

Distribution: off Venezuela.

Depth range: 69.5-155.5m.

***Eurycyde antarctica* CHILD 1987**

1987 *Eurycyde antarctica* CHILD, Proc. biol. Soc. Wash., **100** (4): 909-912, fig. 4.

Distribution: Antarctic.

Depth range: 523-714m.

***Eurycyde clitellaria* STOCK 1955**

1955 *Eurycyde clitellaria* STOCK, Vidensk. Medd. Dansk naturhist. Foren., **117**: 263-266, figs. 25-26.

1967 *Eurycyde clitellaria*, - McCLOSKEY, J. nat. Hist., **1**: 128-131, figs. 18-21.

1979 *Eurycyde clitellaria*, - CHILD, Smiths. Contr. Zool., **293**: 16.

1986 *Eurycyde clitellaria*, - STOCK, Bull. mar. Sci., **38** (3): 401 tab. 1.

1988 *Eurycyde clitellaria*, - CHILD, Smiths. Contr. Zool., **468**: 7.

1992 *Eurycyde clitellaria*, - CHILD, Mem. Hourglass Cruises, **9** (1): 8 [key], 9 [tab. 3], 25-26, fig. 10, 28 [text], 76 [tab. 12], 78 [tab. 14].

Distribution: Gulf of Mexico; Virgin Islands; off North Carolina and Pacific Coast of Mexico.

Depth range: intertidal-100 m.

Habitat: coral rubble.

***Eurycyde curvata* CHILD 1979**

1979 *Eurycyde curvata* CHILD, Smiths. Contr. Zool., **293**: 16-19, fig. 5a-h.

1986 *Eurycyde curvata*, - STOCK, Bull. mar. Sci., **38** (3): 401 tab. 1, 406 [text].

1988 *Eurycyde curvata*, - CHILD, Smiths. Contr. Zool. **468**: 7.

Distribution: Caribbean Coast of Colombia.

Depth range: 24m.

***Eurycyde diacantha* STOCK 1990**

1990 *Eurycyde diacantha* STOCK, Zool. Meded., **63** (16): 206-208, fig. 1.

Distribution: Cape Verde Islands.

Depth range: 140-160m.

Habitat: coarse calcareous sand, gravel and stones, Foraminifera, grab.

***Eurycyde extenuata* CALMAN 1938**

1938 *Eurycyde extenuata* CALMAN, Sci. Rep. John Murray Exped., **5** (6): 149-151, figs. 1-2.

Distribution: Zanzibar area.

Depth range: 925-2926m.

***Eurycyde gorda* CHILD 1979**

1979 *Eurycyde gorda* CHILD, *Smiths. Contr. Zool.*, **293**: 19-21, fig. 6.

Distribution: Panamá Caribbean.

Depth range: intertidal

Habitat: reef flats.

***Eurycyde hispida* (KRØYER 1844)**

1891 *Eurycyde hispida* SARS, *Norw. North-Atl. Exped.*, **6** (Zool., 20): 128-132, pl. XIV, fig. 1a-g.

1943 *Eurycyde hispida*, - HEDGPETH, *J. Wash. Acad. Sci.*, **33**: 88.

1963 *Eurycyde hispida*, - HEDGPETH, *J. Fish. Res. Board Can.*, **20** (5): 1339.

Distribution: W-Atlantic; eastern fringe of arctic Canada to Kara Sea, Baffin Land and Greenland, as far south as Kristiansund in Norwegia.

Depth range: littoral-68m.

***Eurycyde longiocolata* MÜLLER 1990**

1990 *Eurycyde longiocolata* MÜLLER, *Senckenbergiana biol.*, **70** (1989) (1/3): 188-191, figs. 11-18.

Distribution: Society Islands (Bora Bora).

Depth range: 0.5-1m.

Habitat: dead corals covered with sponges and algae.

***Eurycyde longisetosa* HILTON 1942**

1942 *Eurycyde longisetosa* HILTON, *Re. Allan Hancock Exped.*, **5** (9): 305-307, pl. 46.

1971 *Eurycyde encantada* CHILD & HEDGPETH, *J. nat. Hist.*, **5**: 617-619, fig. 4.

1986 *Eurycyde longisetosa*, - STOCK, *Bull. mar. Sci.*, **38** (3): 409 [text].

1992 *Eurycyde longisetosa*, - CHILD, *Smiths. Contr. Zool.*, **526**: 15-17, fig. 6.

Distribution: Colombia; Galapagos Archipelago; Ecuador.

Depth range: 0-37m.

Habitat: algae; corals; rocks.

***Eurycyde platyspina* STOCK 1992**

1992 *Eurycyde platyspina* STOCK, *Tijdschr. Ent.*, **135**: 113-114, figs. 1-8, 139.

Distribution: southern Brazil.

Depth range: 34m.

Eurycyde raphiaster LOMAN 1912

- 1912 *Eurycyde raphiaster* LOMAN, Bull. Inst. Oceanogr., **238**: 13.
 1917 *Eurycyde raphiaster*, - BOUVIER, Res. Campagnes Sci. accomplies sur son yacht par Albert Ier Prince Souverain de Monaco, **51**: 33-35, pl. 4, figs. 2-7.
 1948 *Eurycyde raphiaster* - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 260-261, fig. 45.
 1952 *Eurycyde raphiaster*, - FAGE, Bull. Mus. natn. Hist. nat., (2) **24** (6): 530.
 1954 *Eurycyde raphiaster*, - HEDGPETH, Fish Bull. Fish. Wildlife Service U.S., **89** (55): 427.
 1954 *Eurycyde raphiaster*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 116.
 1966 *Eurycyde raphiaster*, - FAGE & STOCK, Ann. Inst. Oceanogr. Monaco, **44**: 316.
 1975 *Eurycyde raphiaster*, - STOCK, Bull. mar. Sci., **24** (4): 979; Literatur.
 1976 *Eurycyde raphiaster*, - BIRKELAND, REIMER & YOUNG, Ecol. Res. Ser.: 133.
 1979 *Eurycyde raphiaster*, - CHILD, Smiths. Contr. Zool., **293**: 21.
 1979 *Eurycyde raphiaster*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 979.
 1982 *Eurycyde raphiaster*, - CHILD, Smiths. Contr. mar. Sci., **12**: 360.
 1988 *Eurycyde raphiaster*, - CHILD, Smiths. Contr. Zool., **468**: 7.
 1990 *Eurycyde raphiaster*, - STOCK, Zool. Meded., **63** (16): 209.
 1992 *Eurycyde raphiaster*, - CHILD, Mem. Hourglass Cruises, **9** (1): 8 [key], 9 [tab. 3], 27-28, fig. 11.
 1992 *Eurycyde raphiaster*, - Müller, Stud. Nat. Hist. Caribb. Reg., **71**: 45.

Distribution: amphi-atlantic; most records from West-Indian localities; in the E-Atlantic known from the Cape Verde Islands and Sénégal.

Depth range: 0-90m.

Habitat: in a variety of substrata, as dead corals, algae and seagrass beds.

Eurycyde sertula CHILD 1991

- 1991 *Eurycyde sertula* CHILD, Proc. biol. Soc. Wash., **104** (1): 139-142, fig. 1.

Distribution: W-Pacific. - Ypan.

Depth range: 1m.

Habitat: coral reefs; branching coralline algae on algal ridge.

Eurycyde setosa CHILD 1988

- 1988 *Eurycyde setosa* CHILD, Smiths. Contr. Zool., **468**: 8-10, fig. 3.
 1990 *Eurycyde setosa*, - CHILD, Proc. biol. Soc. Wash., **103** (2): 316-317.
 1992 *Eurycyde setosa*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 156, figs. 1-5.

Distribution: Malaysia, Philippines, Australian barrier reef.

Depth range: 0-1 m.

Habitat: dead corals.

Eurycyde spinosa HILTON 1916

- 1916 *Eurycyde spinosa* HILTON, J. Ent. Zool. Pomona College, **8** (1): 19-24, figs. 1-6.
 1992 *Eurycyde spinosa*, - CHILD, Smiths. Contr. Zool., **526**: 17.

Distribution: California; Galapagos Archipelago.
Depth range: intertidal.
Habitat: under rock.

Eurycyde unispina STOCK 1986

- 1986 *Eurycyde unispina* STOCK, Bull. mar. Sci., **38** (3): 401 tab. 1, 407-409, fig. 1.

Distribution: Florida.
Depth range: 183m.

Hedgpethius CHILD 1974

- 1974 *Hedgpethius* Child, Proc. biol. Soc. Wash., **87** (43): 493-494 [diagnosis, remarks].
 1982 *Hedgpethius*, - Child, Smiths. Contr. mar. Sci., **12**: 360 [emended diagnosis].

Hedgpethius interstitialis STOCK 1989

- 1989 *Hedgpethius interstitialis* STOCK, Bijdr. Dierk., **59** (2): 89-91, figs. 1-10.

Distribution: Curaçao.
Depth range: shallow water.
Habitat: strongly exposed intertidal rockpool, in coarse sand; sand and coral rubble.

Hedgpethius mamillatus CHILD 1982

- 1982 *Hedgpethius mamillatus* CHILD, Smiths. Contr. mar. Sci., **12**: 360-362, fig. 163a-f.
 1986 *Hedgpethius mamillatus*, - STOCK, Bull. mar. Sci., **38** (3): 401 tab. 1.

Distribution: Belize (Carrie Bow Cay).
Depth range: intertidal.
Habitat: broken rock and rubble.

Hedgpethius tridentatus CHILD 1974

- 1974 *Hedgpethius tridentatus* CHILD, Proc. biol. Soc. Wash., **87** (43): 494-497, fig. 1.
 1982 *Hedgpethius tridentatus*, - CHILD, Smiths. Contr. mar. Sci., **87** (43): 362-363, fig. 163g-k.

1986 *Hedgpethius tridentatus*, - STOCK, Bull. mar. Sci., **38** (3): 401 tab. 1.

Distribution: Florida (Key West); Belize (Carrie Bow Cay).

Depth range: littoral.

Habitat: among intertidal and subtidal rocks; mat of *Caulerpa verticillata* and mangrove rootlets beneath *Rhizophora*.

***Hemichela* STOCK 1954**

1954 *Hemichela* Stock, Vidensk. Medd. Dansk naturh. Foren., **116**: 90-94, figs. 42-43 [diagnosis].

***Hemichela longiunguis* STAPLES 1982**

1982 *Hemichela longiunguis* STAPLES, Mem. Qd. Mus., **20** (3): 463-465, fig. 4A-L.

Distribution: Australia (Queensland).

Depth range: shallow water.

***Hemichela micrasterias* STOCK 1954**

1954 *Hemichela micrasterias* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 90-94, figs. 42-43.

1978 *Hemichela micrasterias*, - FRY, Zool. J. Linn. Soc., **63**: 44.

1985 *Hemichela micrasterias*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **10** (18): 153-155, figs. 1-11.

1988 *Hemichela micrasterias*, - CHILD, Smiths. Contr. Zool., **468**: 10.

1990 *Hemichela micrasterias*, - NAKAMURA & CHILD, - Proc. biol. Soc. Wash., **103** (2): 307-308.

1991 *Hemichela micrasterias*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 21.

Distribution: Indonesia (flores Sea), Philippines, Japan.

Depth range: 20-84 m.

Habitat: sandy mud with shells.

***Heterofragilia* HEDGPETH 1943**

1948 *Heterofragilia*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 262 [diagnosis].

***Heterofragilia amica* STOCK 1954**

1954 *Heterofragilia amica* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 136-139, figs. 67-68.

1955 *Heterofragilia amica*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 28-31, figs. 17-18.

1971 *Heterofragilia amica*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 335.

Distribution: Japan.

Depth range: 165-203m.

Habitat: hard bottom.

Heterofragilia brevicauda STOCK 1991

1991 *Heterofragilia brevicauda* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 141-143, figs. 12-13.

Distribution: New Caledonia.

Depth range: 650-680 m.

Heterofragilia fimbriata HEDGPETH 1943

1943 *Heterofragilia fimbriata* HEDGPETH, Proc. New England Zool. Club, **22**: 53.

1948 *Heterofragilia fimbriata*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 262-263, fig. 47.

Distribution: off Martinique, Caribbean Sea.

Depth range: 871m.

Heterofragilia hamisetosa LOMAN 1908

1908 *Fragilia hamisetosa* LOMAN, Siboga Exped. Monogr., **40**: 56-58, pl. VIII, figs. 112-121.

Distribution: SE-Asia, Philippines (Sulu Archipelago; near Menado and Ceram).

Depth range: 450-1260m.

Heterofragilia hirsuta NAKAMURA & CHILD 1991

1991 *Heterofragilia hirsuta* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 21-24, fig. 9.

Distribution: Japan.

Depth range: 454-495 m.

Heterofragilia major STOCK 1986

1986 *Heterofragilia major* STOCK, Bull. mar. Sci., **38** (3): 401 tab. 1, 409-412, fig. 2.

Distribution: Caribbean (east of St. Vincent).

Depth range: 1053-1540 m.

Lecythorhynchus BÖHM 1879

1879 *Lecythorhynchus* BÖHM, Sitz.-Ber. Ges. naturforsch. Fr. Berlin, 1879, **9**: 140-141 [diagnosis].

***Lecythorhynchus marginatus* COLE 1904**

- 1904 *Lecythorhynchus marginatus* COLE, Harriman Alaska Exped., **10**: 260-262, pl. XI, figs. 1-2, pl. XV, figs. 1-8.
- 1913 *Lecythorhynchus marginatus*, - SCHIMKEWITSCH, Ann. Mus. Zool. Acad. Imp. Sci. St.-Pétersbourg, **18**: 240.
- 1927 ?*Lecythorhynchus hilgendorfi*, - OHSHIMA, Proc. Imp. Acad., Tokyo, **3** (9): 610-611, figs. 1-3.
- 1929 *Lecythorhynchus marginatus*, - SCHIMKEWITSCH, Fauna SSSR, Izdatl'jstvo Akad. Nauk. SSSR, **1**: 50-53, figs. 7-9.
- 1933 *Lecythorhynchus marginatus*, - LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 61-62.
- 1934 *Lecythorhynchus marginatus*, - SCHMITT, J. Wash. Acad. Sci., **24** (1): 69.
- 1938 *Lecythorhynchus marginatus*, - HELFER, Sitz.-Ber. Ges. naturforsch. Freunde Berlin, 1937 (2): 184-185.
- 1940 *Lecythorhynchus marginatus*, - HEDGPETH, J. Wash. Acad. Sci., **30** (2): 86-87.
- 1941 *Lecythorhynchus marginatus*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26): 255.
- 1943 *Lecythorhynchus marginatus*, - HILTON, J. Ent. Zool. Pomona College, **35** (1): 4.
- 1949 *Lecythorhynchus marginatus*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 296, fig. 44c-d.
- 1951 *Lecythorhynchus marginatus*, - HEDGPETH, Wasmann J. Biol., **9** (1): 111.
- 1954 *Lecythorhynchus marginatum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 139-141, fig. 69.

Distribution: California; Sea of Okhotsk; Japan.

Habitat: *Corallina*.

***Megarhetus* CHILD 1982**

- 1982 *Megarhetus* Child, Smiths. Contr. Zool., **349**: 14 [diagnosis, remarks].

***Megarhetus brevicheliferus* (HEDGPETH 1948)**

- 1948 *Achelia brevichelifera* HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 245-246, fig. 38h-l.
- 1968 *Scipiolus brevicheliferus*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 15.
- 1982 *Megarhetus brevicheliferus*, - CHILD, Smiths. Contr. Zool., **349**: 14-15, fig. 2f-i.

Distribution: North American Slope and Basin.

Depth range: 750-2500m.

***Nymphonella* OHSHIMA 1927**

- 1927 *Nymphonella* OHSHIMA, Annot. Zool. Jap., **11** (3): 262 [diagnosis].

***Nymphonella lambertensis* STOCK 1959**

- 1959 *Nymphonella lambertensis* STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 549-551, fig. 1.
 1988 *Nymphonella lambertensis*, - MUNILLA, Monogr. Zool. Mar., **3**: 192-194, fig. 10.

Distribution: South Africa.

Depth range: 0-15m.

Habitat: sand, rocks.

Nymphonella tapetis OHSHIMA 1927

- 1927 *Nymphonella tapetis* OHSHIMA, Annot. Zool. Jap., **11** (3): 262.
 1927 *Nymphonella tapetis*, - OHSHIMA, Bulteno Sci. Fak. Terkultura, Kyushu Imp. Univ., **2** (5): 367.
 1933 *Nymphonella tapetis*, - OHSHIMA, Annot. Zool. Jap., **14** (1): 53.
 1933 *Nymphonella tapetis*, - OHSHIMA, Dôbutsugaku Zasshi, **45**: 94.
 1935 *Nymphonella tapetis*, - OHSHIMA, Annot. Zool. Jap., **15** (1): 95.
 1936 *Nymphonella tapetis*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 846.
 1936 *Nymphonella tapetis*, - ARITA, Annot. Zool. Jap., **15** (4): 469.
 1937 *Nymphonella tapetis*, - ARITA, J. Dep. Agric. Kyushu Imp. Univ., **5** (6): 271.
 1937 *Nymphonella tapetis*, - OHSHIMA, C.R. XII'eme Congr. Int. Zool., 1935: 1616.
 1942 *Nymphonella tapetis*, - Proc. Imp. Acad., Tokyo, **18** (8): 520.
 1943 *Nymphonella tapetis*, - OHSHIMA, Bulteno Sci. Fak. Terkultura, Kyushu Imp. Univ., Tokyo, **10** (4): 374.
 1950 *Nymphonella tapetis*, - CALVEZ, Arch. Zool. Exp. Gen., **86** (Notes & Rev.): 114.
 1968 *Nymphonella lecalvezi* GUILLE & SOYER, Vie Milieu (A) **18** (2A): 346.
 1971 *Nymphonella tapetis*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 331.
 1978 *Nymphonella tapetis*, - de HARO, Zool. J. Linn. Soc., **63** (1-2):
 1987 *Nymphonella tapetis*, - ARNAUD, Mesogee, **47**: 42.
 1987 *Nymphonella tapetis*, - ARNAUD & BAMBER, Adv. Mar. Biol., **24**: 50.
 1988 *Nymphonella lecalvezi*, - MUNILLA, Monogr. Zool. Mar., **3**: 194-195.

Distribution: Japan; Namibia; Mediterranean.

Depth range: 0-15m.

Habitat: rocky and sandy bottoms.

Nymphopsis HASWELL 1884

- 1908 *Nymphopsis*, - LOMAN, Siboga Exped. Monogr., **40**: 49-50 [diagnosis, remarks].
 1948 *Nymphopsis*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 249-250 [diagnosis, remarks, key to species].
 1954 *Nymphopsis*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 141-142 [diagnosis, remarks].
 1967 *Nymphopsis*, - McCLOSKEY, J. nat. Hist., **1**: 122.
 1992 *Nymphopsis*, - CHILD, Mem. Hourglass Cruises, **9** (1): 28 [diagnosis].

Nymphopsis abstrusus LOMAN 1923

- 1923 *Nymphopsis abstrusus* LOMAN, Ark. Zool., **15** (9): 7-10, fig. D1-5.

Distribution: subantarctic area.

***Nymphopsis acinacispinatus* WILLIAMS 1933**

- 1933 *Nymphopsis acinacispinatus* WILLIAMS, Ann. Mag. Nat. Hist., **10** (12): 173.
 1975 *Nymphopsis acinacispinatus*, - CHILD, Smiths. Contr. Zool., **190**: 26-27, fig. 11c-f.
 1980 *Nymphopsis acinacispinatus*, - HOOPER, Aust. Zool., **20** (3): 475.

Distribution: Australia.

Depth range: 0-2.5m.

Habitat: *Sargassum*.

***Nymphopsis anarthra* LOMAN 1928**

- 1928 *Nymphopsis anarthrus* LOMAN, Tijdschr. Nederl. Dierk. Ver., ser. 3, **1**: 39-42, fig. 1.
 1948 *Nymphopsis anarthra*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 250.
 1986 *Nymphopsis anarthra*, - STOCK, Bull. mar. Sci., **38** (3): 401 tab. 1.
 1992 *Nymphopsis anarthra*, - CHILD, Mem. Hourglass Cruises, **9** (1): 8 [key], 9 [tab. 3], 28-29, fig. 12, 76 [tab. 12], 78 [tab. 14].

Distribution: central West Florida Shelf; off Tortuga Island, Venezuela.

Depth range: 45-73 m.

***Nymphopsis armatus* HASWELL 1884**

- 1884 *Nymphopsis armatus* HASWELL, Proc. Linn. Soc. N.S.W., **9**: 1025.
 1908 *Nymphopsis armatus*, - LOMAN, Siboga Exped. Monogr., **40**: 49.
 1919 *Nymphopsis armatus*, - FLYNN, Pap. Proc. Roy. Soc. Tasm., 1919: 84.
 1929 *Nymphopsis armatus*, - FLYNN, Mem. Qd. Mus., **9** (3): 256-257, figs. 4-5.

Distribution: Australia.

Depth range: 17m.

***Nymphopsis bathursti* Williams, 1940**

- 1963 *Nymphopsis acinacispinatus bathursti*, - CLARK, Rec. Austr. Mus., **26** (1): 5.
 1992 *Nymphopsis bathursti*, - STOCK, Bijdr. Dierk., **62** (2): 82-83, fig. 1.

Distribution: Western Australia; Oman.

Depth range: 0-15m.

Habitat: algae; muddy tidal flats with stones and algae.

***Nymphopsis curtiscapus* STOCK 1974**

- 1974 *Nymphopsis curtiscapus* STOCK, Bull. Zool. Univ. Amsterdam, **4** (3): 14-15, fig. 2.
 1982 *Nymphopsis curtiscapus*, - STOCK, Monit. zool. ital., Suppl. **17** (7): 187.

1990 *Nymphopsis curtiscapus*, - MÜLLER, Bonn. zool. Beitr., **41** (1): 67.

Distribution: Madagascar; Somalia; Kenya.
Depth range: 0-0.5m.
Habitat: dead corals covered with algae.

Nymphopsis cuspidata (HODGSON 1910)

- 1910 *Annothea cuspidata* HODGSON, in: Schultze, Zool. und anthropol. Ergebn. einer Forschungsreise im westl. und zentr. Südafrika 1903-1905..., **4** (1): 221-223, fig. 1.
 1923 *Nymphopsis cuspidata*, - LOMAN, Medd. Göteborgs Mus., Zool. Avd., **22** (6): 7, fig. D.
 1954 *Nymphopsis cuspidata*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 142-144, figs. 25-27.
 1959 *Nymphopsis cuspidata*, - STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 551-552.

Distribution: South Africa.
Depth range: 11-27.5m.
Habitat: sand; rocks; algae; shells.

Nymphopsis denticulata GORDON 1932

1932 *Nymphopsis denticulata* GORDON, Discovery Rep., **6**: 123-125, figs. 69-70.

Distribution: Lively Islands, East Falkland Islands.
Depth range: 79m.

Nymphopsis dromedaria McCLOSKEY 1967

1967 *Nymphopsis dromedaria* McCLOSKEY, J. nat. Hist., **1**: 119-123, figs. 1-6.

Distribution: off North Carolina.
Depth range: 100m.

Nymphopsis duodorsospinosa HILTON 1942

- 1942 *Nymphopsis duodorsospinosa* HILTON, Allan Hancock Pac. Exped., **5** (9): 303-305, pl. 45.
 1948 *Nymphopsis duodorsospinosa*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 250-252, fig. 40.
 1971 *Nymphopsis duodorsospinosa*, - CHILD & HEDGPETH, J. nat. Hist., **5**: 609 [list].
 1973 *Nymphopsis duodorsospinosa*, - KRAEUTER, J. nat. Hist., **7**: 496.
 1975 *Nymphopsis duodorsospinosa*, - STOCK, Bull. mar. Sci., **24** (4): 978.
 1976 *Nymphopsis duodorsospinosa*, - BIRKELAND, REIMER & YOUNG, Ecol. Res. Ser.: 134, 157.
 1976 *Nymphopsis duodorsospinosa*, - KRAPP & KRAEUTER, Bonn. zool. Beitr., **27** (3/4): 342.
 1979 *Nymphopsis duodorsospinosa*, - CHILD, Smiths. Contr. Zool., **293**: **21**; Literatur.

- 1982 *Nymphopsis duodorsospinosum*, - CHILD, Smiths. Contr. mar. Sci., **12**: 363.
 1986 *Nymphopsis duodorsospinosa*, - STOCK, Bull. mar. Sci., **38** (3): 401 tab. 1.
 1992 *Nymphopsis duodorsospinosa*, - CHILD, Mem. Hourglass Cruises, **9** (1): 8 [key],
 9 [tab. 3], 30-31, fig. 13.

Distribution: E-Pacific. - Galápagos-archipelago, Gulf of California south to Panamá; W-Atlantic. - South Carolina (U.S.A.) to the northern coast of South America.

Depth range: 0-60m.

Habitat: in a variety of substrata.

***Nymphopsis korotnewi* SCHIMKEWITSCH 1887**

- 1887 *Nymphopsis korotnewi* SCHIMKEWITSCH, Zool. Jb., **3**: 127-134, figs. 1-12.
 1908 *Nymphopsis korotnewi*, - LOMAN, Siboga Exped. Monogr., **40**: 50-52, pl. XIII, figs. 179-181.
 1975 *Nymphopsis korotnewi*, - CHILD, Smiths. Contr. Zool., **190**: 27.
 1991 *Nymphopsis korotnewi*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 219-220.

Distribution: Sunda Islands (Indonesia), Western Australia, Philippines.

Depth range: 34-144m.

***Nymphopsis melidae* SAWAYA 1947**

- 1947 *Nymphopsis melidae* SAWAYA, Bol. Fac. Fil., Cien. Letr. Univ. S. Paulo (Zool.), **12**: 83-89, pl. I, figs. 1-2, pl. II, figs. 3-6.
 1992 *Nymphopsis melidae*, - STOCK, Tijdschr. Ent., **135**: 115, 139.

Distribution: Brazil.

Depth range: upper littoral-41m.

***Nymphopsis muscosa* LOMAN 1908**

- 1908 *Nymphopsis muscosus* LOMAN, Siboga Exped. Monogr., **40**: 52-53, pl. 13, figs. 175-188.
 1911 *Nymphopsis muscosus*, - LOMAN, Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-Naturwiss. Kl.), Suppl. **2** (4): 11.
 1918 *Nymphopsis muscosus*, - FUKUI, Rigakukai[?], **16** (2): 99.
 1936 *Nymphopsis muscosus*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 864.
 1953 *Nymphopsis muscosa*, - STOCK, Temminckia, **9**: 307.
 1954 *Nymphopsis muscosa*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 121.
 1959 *Nymphopsis muscosa*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 205.
 1971 *Nymphopsis muscosa*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 335.
 1987 *Nymphopsis muscosa*, - NAKAMURA, Biol. Lab., Imperial Household: 34-36, pls. 32, 32, 40.
 1991 *Nymphopsis muscosa*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 24.

Distribution: Malaysia, Philippines and Japan.

Depth range: 12-300m.

Nymphopsis spinosissima (HALL 1912)

- 1912 *Ammothella spinosissima* HALL, Ann. Rep. Laguna Mar. Lab., **1**: 95-99, figs. 51, 52B, D, H.
- 1913 *Ammothella spinosissima*, - HALL, Univ. Calif. Publ. Zool., **11** (6): 130, 132 [key].
- 1915 *Ammothella spinosissima*, - HILTON, J. Ent. Zool. Pomona College, **7** (1): 68.
- 1915 *Ammothella spinosissima*, - HILTON, J. Ent. Zool. Pomona College, **7** (3): 204.
- 1920 *Ammothella spinosissima*, - HILTON, J. Ent. Zool. Pomona College, **12** (4): 93.
- 1934 *Ammothella spinosissima*, - SCHMITT, J. Wash. Acad. Sci., **24** (1): 69.
- 1939 *Nymphopsis spinosissimus*, - HEDGPETH, Am. Midl. Nat., **22** (2): 461-463, fig. 2m-r.
- 1939 *Ammothella spinosissima*, - HILTON, J. Ent. Zool. Pomona College, **31** (2): 32.
- 1939 *Nymphopsis spinosissimus*, - HILTON, J. Ent. Zool. Pomona College, **31** (4): 72.
- 1941 *Nymphopsis spinosissimus*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26): 256 [key], pl. 11.
- 1942 *Nymphopsis spinosissima*, - HILTON, Re. Allan Hancock Exped., **5** (9): 278, 300-302, pl. 44.
- 1943 *Nymphopsis spinosissima*, - J. Ent. Zool. Pomona College, **34** (4): 98.
- 1951 *Nymphopsis spinosissima*, - HEDGPETH, Wasmann J. Biol., **9** (1): 110.
- 1955 *Nymphopsis spinosissima*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 253.
- 1964 *Nymphopsis spinosissima*, - HEDGPETH, in: R.I. Smith et al., eds, Intertidal Invertebrates of the Central Calif. Coast, Berkeley: Univ. Calif. Press: 206.
- 1987 *Nymphopsis spinosissima*, - CHILD, Proc. biol. Soc. Wash., **100** (3): 554.

Distribution: California.

Depth range: 0-31m.

Habitat: on weeds.

Nymphopsis varipes STOCK 1962

- 1962 *Nymphopsis varipes* STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 273-276, figs. 1-2.

Distribution: South Africa.

Depth range: 29m.

Habitat: on rocks.

Paranympion CAULLERY 1896

- 1948 *Paranympion*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 253 [diagnosis].
- 1986 *Paranympion*, - STOCK, Bull. mar. Sci., **38** (3): 412.
- 1992 *Paranympion*, - CHILD, Mem. Hourglass Cruises, **9** (1): 31 [diagnosis].

Paranympion filarium STOCK 1986

- 1986 *Paranympion filarium* STOCK, Bull. mar. Sci., **38** (3): 401 tab. 1, 413-415, fig. 3.

Distribution: W- Atlantic (Santaren Channel, north of Cuba; Straits of Florida).

Depth range: 333-576m.

***Paranympyon magnidigitatum* HONG & KIM 1987**

1987 *Paranympyon magnidigitatum* HONG & KIM, Kor. J. Syst. Zool., **3** (2): 150-152, figs. 10-11.

1991 *Paranympyon magnidigitatum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 24.

Distribution: Japan and Korea.

Depth range: 49-80m.

***Paranympyon spinosum* CAULLERY 1896**

1896 *Paranympyon spinosum* CAULLERY, Ann. Univ. Lyon, **26**: 361, pl. 12 figs. 1-6.

1899 *Paranympyon spinosum*, - MEINERT, Danish Ingolf Exped., **3** (1): 46-47, pl. 4, figs. 20-28.

1908 *Paranympyon spinosum*, - NORMAN, J. Linn. Soc. London (Zool.), **30**: 222-224, pl. 30, figs. 10-14.

1917 *Paranympyon spinosum*, - BOUVIER, Res. Campagnes Sci. accomplies sur son Yacht par Albert Ier Prince Souverain de Monaco, **51**: 17, pl. 3, figs. 3-6.

1933 *Paranympyon spinosum*, - STEPHENSEN, Medd. Grönland, **79** (6): 6.

1948 *Paranympyon spinosum*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 253, fig. 41.

1965 *Paranympyon spinosum*, - STOCK & SOYER, Vie Milieu, **16** (1B): 415-416.

1966 *Paranympyon spinosum*, - STOCK, Vie Milieu, **17** (1B): 408-409, fig. 1.

1973 *Paranympyon spinosum*, - ARNAUD, Tethys, **5** (1): 151.

1978 *Paranympyon spinosum*, - STOCK, Cah. Biol. Mar., **19**: 204-205, fig. 5d-g.

1982 *Paranympyon spinosum*, - CHILD, Smiths. Contr. Zool., **349**: 18-19.

1983 *Paranympyon spinosum*, - BAMBER, Zool. J. Linn. Soc., **77**: 69.

1983 *Paranympyon spinosum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 38.

1986 *Paranympyon spinosum*, - Chimenz & Cottarelli, Oebalia, **13**, N.S.: 138-139, figs. 2-13.

1987 *Paranympyon spinosum*, - ARNAUD, Mesogee, **47**: 43.

1987 *Paranympyon spinosum*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 149-150, figs. 8-9.

1987 *Paranympyon spinosum*, - STOCK, Cah. Biol. Mar., **28**: 506-507.

1991 *Paranympyon spinosum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 24.

1992 *Paranympyon spinosum*, CHILD, Mem. Hourglass Cruises, **9** (1): 8 [key], 9 [tab. 3], 31-33, fig. 14.

Distribution: N-Atlantic including Caribbean; Japan and Korea.

Depth range: 7-2000m.

Habitat: sandy bottom with *Cymodocea nodosa*; mud; coarse bottom, with stones and sponges.

***Proboehmia* STOCK 1991**

1991 *Proboehmia* STOCK, Mém. Mus. natn. Hist. nat (A), **151**: 155 [diagnosis,

remarks].

Proboehmia tubirostris STOCK 1991

1991 *Proboehmia tubirostris* STOCK, - Mém. Mus. natn. Hist. nat. (A), **151**: 155-158, figs. 22-23.

Distribution: New Caledonia.

Depth range: 530m.

Prototrygaeus STOCK 1975

1975 *Prototrygaeus* Stock, Bull. mar. Sci., **24** (4): 979 [diagnosis, remarks].

1992 *Prototrygaeus*, - Child, Smiths. Contr. Zool., **526**: 17 [emended diagnosis].

Prototrygaeus ammothelloides STOCK 1975

1975 *Prototrygaeus ammothelloides* STOCK, Bull. mar. Sci., **24** (4): 979-981, fig. 9.

1986 *Prototrygaeus ammothelloides*, - STOCK, Bull. mar. Sci., **38** (3): 401 tab. 1.

Distribution: Guyana Shelf.

Depth range: 23-27.5m.

Habitat: muddy sand; sandy mud.

Prototrygaeus contrarius Child, 1992

1992 *Prototrygaeus contrarius* CHILD, Smiths. Contr. Zool., **526**: 17-19, fig. 8.

Distribution: Ecuador (outer Gulf of Guayaquil).

Depth range: 80m.

Prototrygaeus jordanae CHILD 1990

1990 *Prototrygaeus jordanae* CHILD, Proc. biol. Soc. Wash., **103** (1): 157-160, fig. 1.

Distribution: California.

Depth range: 50-250 m.

Habitat: soft sediment with hydroids on molluscs and wood.

Scipiolus LOMAN 1908

1908 *Scipiolus* LOMAN, Siboga Exped. Monogr., **40**: 58 [diagnosis].

Scipiolus bifidus STOCK 1968

1968 *Scipiolus bifidus* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 14-15,

fig. 3.

Distribution: South Africa (off False Bay).
Depth range: 1361m.
Habitat: hard bottom.

***Scipiolus plumosus* LOMAN 1908**

- 1908 *Scipiolus plumosus* LOMAN, Siboga Exped. Monogr., **40**: 60-61, pl. I, figs. 1-13.
 1991 *Scipiolus plumosus*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 160-161, fig. 26.

Distribution: Kei Islands (Indonesia), Loyalty Islands, New Caledonia.
Depth range: 90-300m.

***Scipiolus spinosus* UTINOMI 1955**

- 1955 *Scipiolus spinosus* UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 31-33, fig. 19.
 1971 *Scipiolus spinosus*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 335.

Distribution: Japan.
Depth range: 71m.

***Scipiolus thermophilus* TURPAEVA 1988**

- 1988 *Scipiolus thermophilus* TURPAEVA, Zool. Zh., **LXVII** (6): 950-952, figs. 1-2.

Distribution: Juan de Fuca Ridge.
Depth range: 1800m.
Habitat: hydrothermal vents.

***Scipiolus validus* STOCK 1957**

- 1957 *Scipiolus validus* STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 91-94, figs. 8-9, 10b, d.
 1971 *Scipiolus validus*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 335.

Distribution: Japan.
Depth range: 38m.

***Sericosura* FRY & HEDGPETH 1969**

- 1969 *Sericosura* FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 112 [diagnosis].

***Sericosura bifurcata* STOCK 1991**

- 1991 *Sericosura bifurcata* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 158-160, figs. 24-25.

Distribution: New Caledonia.
Depth range: 3680-3700 m.

***Sericosura cochleifovea* CHILD 1989**

- 1989 *Sericosura cochleifovea* CHILD, Proc. biol. Soc. Wash., **102** (3): 732-737, fig. 1.

Distribution: Marianas Back-Arc Basin.
Depth range: 3660m.
Habitat: hydrothermal Snail Pits Vent.

***Sericosura mitrata* (GORDON 1944)**

- 1944 *Achelia mitrata* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., ser. B., **5** (1): 54-57, figs. 19a-e, 22b.
 1969 *Sericosura mitrata*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 112, 113, 152, 153, 173.
 1982 *Sericosura mitrata*, - CHILD, Smiths. Contr. Zool., **349**: 19-21, fig. 6.

Distribution: Antarctica; of SW Africa (Walvis Ridge).
Depth range: 219-2154m.

***Sericosura venticola* CHILD 1987**

- 1987 *Sericosura venticola* CHILD, Proc. biol. Soc. Wash., **100** (4): 896-899, fig. 2.

Distribution: NE-Pacific (Endeavour Segment).
Depth range: 2208-2216m.
Habitat: hydrothermal vents, associated with vestimentiferans.

***Tanystylum* MIERS 1879**

- 1932 *Tanystylum*, - GORDON, Discovery Rep., **6**: 117-118 [remarks, key to Antarctic and Subantarctic species].
 1948 Tanystylidae, *Tanystylum*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 266 [diagnosis, remarks, key to NE-American species].
 1954 *Tanystylum*, - STOCK, Vidensk. Medd. Dansk naturh. Foren., **116**: 141-142 [remarks].
 1956 *Tanystylum*, - STOCK, Vidensk. Medd. Dansk. naturh. Foren., **118**: 92-93 [comparison with *Austroraptus*, diagnostic features].
 1977 *Tanystylum*, - CLARK, J. Roy. Soc. N.Z., **7** (3): 313-318 [remarks on and synopsis of species from southern Oceans; diagnosis, key to species south of 30°S].
 1979 *Tanystylum*, - CHILD, Smiths. Contr. Zool., **293**: 21-22 [remarks on Caribbean

- species, key to Middle American species].
- 1983 *Tanystylum*, - NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **386**: 38 [key to Japanese species].
- 1992 *Tanystylum*, - CHILD, *Mem. Hourglass Cruises*, **9** (1): 33 [diagnosis].

***Tanystylum acuminatum* STOCK 1954**

- 1954 *Tanystylum acuminatum* STOCK, *Stud. Fauna Curaçao and other Caribb. Isl.*, **5** (24): 125-127, fig. 29.
- 1979 *Tanystylum acuminatum*, - STOCK, *Stud. Fauna Curaçao and other Caribb. Isl.*, **59** (184): 11.
- 1986 *Tanystylum acuminatum*, - STOCK, *Bull. mar. Sci.*, **38** (3): 401 tab. 1.
- 1990 *Tanystylum acuminatum*, - MÜLLER, *Bonn. zool. Beitr.* **41** (3-4): 278.
- 1992 *Tanystylum acuminatum*, - STOCK, *Tijdschr. Ent.*, **135**: 119, 139, figs. 19-21.

Distribution: E-Caribbean Islands; Brazil.

Depth range: 0-15m.

Habitat: rocky shore; dead corals and algae; *Dyctiota*.

***Tanystylum anthomasti* HEDGPETH 1949**

- 1949 *Tanystylum anthomasti* HEDGPETH, *Proc. U.S. Natn. Mus.*, **98** (3231): 297-298, fig. 45.
- 1954 *Tanystylum anthomasthi*, - UTINOMI, *Publ. Akkeshi Mar. Biol. Stat.*, **3**: 23-26, figs. 10-11, pl. 1, fig. 2.
- 1963 *Tanystylum anthomasti*, - HEDGPETH, *J. Fish. Res. Board Can.*, **20** (5): 1339-1340, figs. 7-10.
- 1965 *Tanystylum anthomasthi*, - UTINOMI, *New Illustr. Encyclopaedia Fauna Japan*, **2**: 338.
- 1971 *Tanystylum anthomasti*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **18** (5): 317-347.

Distribution: Japan; Alaska; Oregon.

Depth range: 24-66m.

Habitat: on *Metalcyonium pacificum* (YAMADA) and on the nephteid octocorall *Gersemia rubiformis* (EHRENBERG).

***Tanystylum antipodum* CLARK 1977**

- 1972 *Tanystylum cavidorsum*, - CLARK, *N.Z. J. Mar. Freshw. Res.*, **5** (2): 334-335.
- 1972 *Tanystylum cavidorsum*, - CLARK, *N.Z. J. mar. Freshw. Res.*, **5** (3-4) (1971): 440-441, fig. 5G-J.
- 1977 *Tanystylum antipodum* CLARK, *J. Roy. Soc. N.Z.*, **7** (3): 318-321, figs. 2-9, 18, 19.

Distribution: New Zealand (Campbell, Snares, Antipodes, Stewart Islands).

Depth range: shallow water.

Habitat: under *Durvillea holdfast*; intertidal rocks; on *Xiphophora hydroids*; among algae and hydroids in pool; associated with *Margarella hinemoa* and *Exosphaeroma gigas*.

***Tanystylum beuroisi* ARNAUD 1974**

- 1971 *Tanystylum brevipes*, - ARNAUD, *Tethys*, **3**: 160 [part.], figs. 3-4.
 1974 *Tanystylum beuroisi* ARNAUD, *Tethys*, **5**: 784-787, figs. 10-17.
 1977 *Tanystylum beuroisi*, - CLARK, - *J. Roy. Soc. N.Z.*, **7** (3): 321.

Distribution: St. Paul and Amsterdam Islands.
Depth range: 80-100m.
Habitat: *Laminaria pallida*.

***Tanystylum bigibbosum* FAGE & STOCK 1966**

- 1966 *Tanystylum bigibbosum* FAGE & STOCK, *Ann. Inst. Océanogr. Monaco*, **44**: 321-323, fig. 3.

Distribution: Cape Verde Islands.
Depth range: 17m.
Habitat: "fond rocheux" (FAGE & STOCK).

***Tanystylum birkelandi* CHILD 1979**

- 1979 *Tanystylum birkelandi* CHILD, *Smiths. Contr. Zool.*, **293**: 23, fig. 7.
 1982 *Tanystylum birkelandi*, - CHILD, *Smiths. Contr. mar. Sci.*, **12**: 363.
 1986 *Tanystylum birkelandi*, - STOCK, *Bull. mar. Sci.*, **38** (3): 401 tab. 1.
 1990 *Tanystylum birkelandi*, - MÜLLER, *Bonn. zool. Beitr.*, **41** (3-4): 278-279, figs. 1-5.

Distribution: Panamá Caribbean; Belize (Carrie Bow Cay); Martinique.
Depth range: 0-2m.
Habitat: reef flats, rubble and calcareous algae; dead corals in exposed location.

***Tanystylum bredini* CHILD 1970**

- 1970 *Tanystylum bredini* CHILD, *Proc. biol. Soc. Wash.*, **83** (27): 296-299, fig. 3.
 1977 *Tanystylum bredini*, - CHILD, *Proc. biol. Soc. Wash.*, **90** (2): 441.
 1988 *Tanystylum bredini*, - CHILD, *Bull. biol. Soc. Wash.*, **8**: 52.
 1989 *Tanystylum bredini*, - MÜLLER, *Bonn. zool. Beitr.*, **40** (2): 125, figs. 11-21.
 1990 *Tanystylum bredini*, - MÜLLER, *Bonn. zool. Beitr.*, **41** (1): 67, figs. 7-15.
 1992 *Tanystylum bredini*, - MÜLLER, *Bonn. zool. Beitr.*, **43** (1): 156-159, figs. 6-11.
 1992 *Tanystylum bredini*, - STOCK, *Bijdr. Dierk.*, **62** (2): 92-93.

Distribution: French Polynesia, Seychelles, Kenya, Sri Lanka, Malaysia; Oman.
Depth range: 0-2 m.
Habitat: coral reefs and sandstone reefs; dead corals; stones in tidal pools; under stones.

Tanystylum brevicaudatum FAGE & STOCK 1966

- 1966 *Tanystylum brevicaudatum* FAGE & STOCK, Ann. Inst. Océanogr. Monaco, **44**: 319-321, figs. 2a-e.
 1971 *Tanystylum brevicaudatum*, - ARNAUD, Tethys, **3** (1): 162-163, figs. 5-9.
 1977 *Tanystylum brevicaudatum*, - CLARK, J. Roy. Soc. N.Z., **7** (3): 321.
 1990 *Tanystylum brevicaudatum*, - STOCK, Zool. Meded., **63** (16): 219.

Distribution: St. Paul and Amsterdam Islands; Cape Verde Islands.

Depth range: 0-15m.

Habitat: sandy bottom, rock ledges; among bryozoans.

Tanystylum brevipes (HOEK 1881)

- 1881 *Discoarachne brevipes* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 74-76, 105, pl. 7, figs. 8-12.
 1901 *Discoarachne brevipes*, - COLE, Zool. Jb. (Syst., Geogr. Biol.), **15** (2): 243-248, pl. 13.
 1904 *Discoarachne brevipes*, - LOMAN, Zool. Jb., **20** (4): 379, pl. 14, figs. 7-11.
 1910 *Discoarachne brevipes*, HODGSON, in: Denkschr. Med.-Naturwiss. Ges. Jena, **16**: 227.
 1914 *Tanystylum paulovense*, - HODGSON, Zool. Anz., **45** (4): 164.
 1923 *Discoarachne brevipes*, - LOMAN, Ark. Zool., **15** (9): 6-7, fig. C1-2.
 1927 *Tanystylum paulovense*, - HODGSON, Dt. Südpolar-Exped., **19** (Zool. II): 352-353.
 1928 *Discoarachne brevipes*, - FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 35.
 1929 *Tanystylum paulovensis*, - SCHIMKEWITSCH, Fauna SSSR, Izdatl'jstvo Akad. Nauk SSSR, **1**: 64.
 1951 *Discoarachne brevipes*, - STOCK, Mem. Inst. Roy. Sci. Nat. Belg., ser. **2** (43): 3.
 1954 *Discoarachne brevipes*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 149-151, fig. 31a-b.
 1956 *Discoarachne brevipes*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 93.
 1959 *Discoarachne brevipes*, - STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 555-556.
 1962 *Tanystylum brevipes*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 276.
 1971 *Tanystylum brevipes*, - ARNAUD, Tethys, **3** (1): 160.
 1974 *Tanystylum brevipes*, - ARNAUD, Tethys, **5** (4): 787, figs. 18-19.
 1977 *Tanystylum brevipes*, - CLARK, J. Roy. Soc. N.Z., **7** (3): 322.
 1988 *Tanystylum brevipes*, - MUNILLA, Monogr. Zool. Mar., **3**: 189-192, figs. 8-9 [juvenile stages].

Distribution: South Africa; St. Paul and Amsterdam Islands.

Depth range: 45-100m.

Habitat: Sand; rocks; algae; mussels; kelp; in pools under granite boulders.

Tanystylum calcirostrum SCHIMKEWITSCH 1889

- 1889 *Tanystylum calcirostre* SCHIMKEWITSCH, Atti Accad. Lincei 1889, Mem. Cl. Sci., Fische, Matematiche e Naturel, ser. **4** (6): 331-333, figs. 5-7.

- 1940 *Tanystylum calcirostre*, - MARCUS, Bolm. Fac. Fil., Ciên. Letr., Univ. S. Paulo, **19** (Zool.), 4: 97.
 1948 *Tanystylum calcirostre*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 268, fig. 49b-d.
 1979 *Tanystylum calcirostrum*, - CHILD, Smiths. Contr. Zool., **293**: 23-26, fig. 8.
 1986 *Tanystylum calcirostrum*, - STOCK, Bull. mar. Sci., **38** (3): 401 tab. 1.

Distribution: Bermuda.

***Tanystylum californicum* HILTON 1939**

- 1939 *Tanystylum californicum* HILTON, J. Ent. Zool. Pomona College, **31** (2): 32-33.
 1939 *Tanystylum californicum* HILTON, J. Ent. Zool. Pomona College, **31** (4): 72-73, pl. I, fig. 6.
 1951 *Tanystylum californicum*, - HEDGPETH, Wasmann J. Biol., **9** (1): 115.

Distribution: California.

Habitat: on hydroid *Aglaophenia*; bryozoans.

***Tanystylum cavidorsum* STOCK 1957**

- 1954 *Tanystylum neorhetum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 149-151, figs. 73-74.
 1957 *Tanystylum cavidorsum* STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 98-100, fig. 15.
 1961 *Tanystylum cavidorsum steatopygidium* HEDGPETH, Lunds Univ. Arsskr., N.F. (2) **57** (3): 12-14, fig. 9.
 1970 *Tanystylum cavidorsum*, - ARNAUD, Bull. Mus. Natn. Hist. Nat., Paris, (2) **41** (6): 1424-1426, figs. 1-2, 6.
 1977 *Tanystylum cavidorsum*, - CLARK, N.Z. J. mar. Freshw. Res., **11** (1): 176.
 1977 *Tanystylum cavidorsum*, - CLARK, J. Roy. Soc. N.Z., **7** (3): 323.

Distribution: New Zealand; Chile; South Georgia; Possession Is., Crozet Is.

Depth range: 0-26m.

Habitat: holdfast fauna; hydroids and algae in pool.

***Tanystylum cinctum* CHILD 1992**

- 1992 *Tanystylum cinctum* CHILD, Smiths. Contr. Zool., **526**: 21-23, fig. 9.

Distribution: Ecuador.

Depth range: 3m.

***Tanystylum conirostre* (DOHRN 1881)**

- 1881 *Clotenia conirostris* DOHRN, Monogr. Fauna Flora Golf Neapel, **3**: 161.
 1953 *Tanystylum conirostre*, - BACESCU, Bul. Stiint. Acad. Rep. Pop. Rom., Sect. Stiint. Biol., Agr., Geol. si Geogr., **5** (2): 266.
 1973 *Tanystylum conirostrum*, - KRAPP, Beaufortia, **21** (277): 60-61, fig. 3.
 1975 *Tanystylum conirostre*, - KRAPP-SCHICKEL & KRAPP, - Vie Milieu, (B) **25** (1):

- 14 figs. 4, 17, 18-20 (tab. II), 21-23 (ecology).
 1976 *Tanystylum conirostre*, - ARNAUD, Acta Ecol. Iranica, **1**: 69-70.
 1978 *Tanystylum conirostre*, - CHIMENZ-GUSSO, FRESI, CINELLI, MAZZELLA, PANSINI & PRONZATO, Mem. Biol. Mar. Ocean., **8** (4): 98-100, fig. 4.
 1979 *Tanystylum conirostre*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **41** (3): 141.
 1986 *Tanystylum conirostrum*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1.
 1987 *Tanystylum conirostre*, - ARNAUD, Mesogee, **47**: 43.
 1989 *Tanystylum conirostre*, - SCHÜLLER, Bonn. zool. Beitr., **40** (3/4): 293.
 1992 *Tanystylum conirostre*, - PÉREZ-RUZAFÁ, A. & T. MUNILLA, Sci. Mar., **56** (1): 25, 27-28, fig. 3 [biology and ecology].

Distribution: Mediterranean Sea, probably Amphi-Atlantic.

Depth range: 0-3m.

Habitat: in a variety of substrata, more often found on algae.

***Tanystylum distinctum* CHILD & HEDGPETH 1971**

- 1971 *Tanystylum distinctum* CHILD & HEDGPETH, J. nat. Hist., **5**: 623-625, fig. 6.
 1992 *Tanystylum distinctum*, - CHILD, Smiths. Contr. Zool., **526**: 21.

Distribution: Ecuador; Galápagos Archipelago; Chile.

Depth range: 0-75m.

Habitat: algae in wave-exposed locations; *Sargassum*; rubble in intertidal zone.

***Tanystylum dowi* CHILD 1979**

- 1979 *Tanystylum dowi* CHILD, Smiths. Contr. Zool., **293**: 2626-28, fig. 9a-g.

Distribution: Panamá Pacific.

Depth range: intertidal.

Habitat: *Abietinaria*.

***Tanystylum duospinum* HILTON 1939**

- 1939 *Tanystylum duospinum* HILTON, J. Ent. Zool. Pomona College, **31** (2): 33.
 1990 *Tanystylum duospinum*, - RUSSEL & HEDGPETH, Bijdr. Dierk., **60** (3/4): 215-224, figs. 1-2 (biology).

Distribution: California.

Habitat: on hydroids; ectoparasitic larvae.

***Tanystylum evelinae* MARCUS 1940**

- 1940 *Tanystylum evelinae* MARCUS, Bolm. Fac. Fil. Cienc. Letr., Univ. S. Paulo, **4**: 99-102, fig. 13.
 1992 *Tanystylum evelinae*, - STOCK, Tijdschr. Ent., **135**: 119, 139.

Distribution: Brazil.

Depth range: infralittoral.
Habitat: seaweeds on rocky shore.

Tanystylum excuratum STOCK 1954

- 1954 *Tanystylum excuratum* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 146-149, figs. 71-72.
 1977 *Tanystylum excuratum*, - CLARK, J. Roy. Soc. N.Z., **7** (3): 323-327, figs. 14-17.

Distribution: New Zealand.
Depth range: 1 fathom-47m.
Habitat: in mud.

Tanystylum geminum STOCK 1954

- 1954 *Tanystylum geminum* STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 120-122, fig. 26.
 1955 *Tanystylum geminum*, - BOURDILLON, Rev. Trav. Inst. Pêches Marit., **19** (4): 600-601, pl. 3, figs. 5-7.
 1975 *Tanystylum geminum*, - STOCK, Bull. mar. Sci., **24** (4): 983-984, fig. 10.
 1979 *Tanystylum geminum*, - CHILD, Smiths. Contr. Zool., **293**: 28.
 1979 *Tanystylum geminum*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 13, fig. 9h-i.
 1982 *Tanystylum geminum*, - STOCK, Monit. zool. Ital., Suppl. **17** (7): 187-188.
 1986 *Tanystylum geminum*, - STOCK, Bull. mar. Sci. **38** (3): 402 tab. 1.
 1990 *Tanystylum geminum*, - MÜLLER, Bonn. zool. Beitr. **41** (3-4): 279-280.
 1992 *Tanystylum geminum*, - Müller, Stud. Nat. Hist. Caribb. Reg., **71**: 45.

Distribution: tropical W-Atlantic, Caribbean Sea and Gulf of Mexico.

Depth range: 0-4m.

Habitat: in a variety of substrata, often in algae and seagrass (*Thalassia*).

Tanystylum haswelli CHILD 1990

- 1990 *Tanystylum haswelli* CHILD, Proc. biol. Soc. Wash., **103** (2): 317-319, fig. 2.

Distribution: Australia (Lizard Island).

Depth range: 2m.

Habitat: coral reefs; rubble bank on barrier reef.

Tanystylum hooperi CLARK 1977

- 1977 *Tanystylum hooperi* CLARK, J. Roy. Soc. N.Z., **7** (3): 326-327, figs. 20-30.
 1980 *Tanystylum hooperi*, - HOOPER, Aust. Zool., **20** (3): 474.

Distribution: Australia.

Depth range: 0-2.5m.

Habitat: *Sargassum*.

Tanystylum hummelincki STOCK 1954

- 1954 *Tanystylum hummelincki* STOCK, Stud. Fauna Curaçao and other Caribb. Isl., 5 (24): 122-125, figs. 27-28.
 1986 *Tanystylum hummelincki*, - STOCK, Bull. mar. Sci., 38 (3): 402 tab. 1.

Distribution: Venezuela; Caribbean Sea of Colombia.

Depth range: 1-2m.

Habitat: sandy debris.

Tanystylum intermedium COLE 1904

- 1904 *Tanystylum intermedium* COLE, -Harriman Alaska Exped., 10: 278-280, pl. 21, figs. 7-9, pl. 22, figs. 1-7, pl. 23, figs. 1-3.
 1913 *Tanystylum intermedium*, - HALL, Univ. Calif. Publ. Zool., 11 (6): 132.
 1934 *Tanystylum intermedium*, - SCHMITT, J. Wash. Acad. Sci., 24 (1): 69.
 1941 *Tanystylum intermedium*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., 9 (26): 255.
 1942 *Tanystylum panamum* HILTON, J. Ent. Zool. Pomona College, 34 (3): 69-70.
 1955 *Tanystylum intermedium*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., 117: 249.
 1961 *Tanystylum intermedioides* HEDGPETH, Lunds Univ. Arsskr., N.F., 2 (57): 14-16, fig. 10.
 1975 *Tanystylum intermedium*, - STOCK, Ent. Ber., 35: 71-74, figs. 10-15.
 1976 *Tanystylum intermedium*, - BIRKELAND, REIMER & YOUNG, Rep. Mar. Fauna and Benthic Shelf-slope communities of the Isthmian Region (Univ. Miami): 157.
 1992 *Tanystylum intermedium*, - CHILD, Smiths. Contr. Zool., 526: 21.

Distribution: California; Mexico Pacific; Panamá Pacific; Ecuador; Galapagos Archipelago; Peru; Chile.

Depth range: 0-18m.

Habitat: on weeds from rocky coast; *Abietinaria*; from piers in harbours and bays; on rocks and among coral rubble in intertidal zone.

Tanystylum isabellae MARCUS 1940

- 1940 *Tanystylum isabellae* MARCUS, Bolm. Fac. Fil. Cién. Letr. Univ. S. Paulo, 10 (Zool.) 4: 102.
 1943 *Tanystylum isabellae*, - HEDGPETH, Proc. New England Zool. Club, 22: 55.
 1949 *Tanystylum isabellae*, - FAGE, Arch. Zool. Exp. Gen., 86 (Notes & Rev.), 2: 29.
 1950 *Tanystylum isabellae*, - SAWAYA, Mem. Inst. Oswaldo Cruz, 47 (1-2): 73.
 1955 *Tanystylum tubirostre*, - BOURDILLON, Rev. Trav. Inst. Pêches Marit., 19 (4): 600.
 1955 *Tanystylum isabellae*, - STOCK, Vidensk. Medd. Dansk naturhist. Foren., 117: 247.
 1986 *Tanystylum isabellae*, - STOCK, Bull. mar. Sci., 38 (3): 402 tab. 1.
 1992 *Tanystylum isabellae*, - STOCK, Tijdschr. Ent., 135: 119-120, 139, figs. 22-26.

Distribution: amphi-atlantic; Eastern Caribbean Islands south to Brazil; in the E-Atlantic known from Kongo.

Depth range: 0-37m

Habitat: on seaweeds on rocky shore.

***Tanystylum isthmiacum* STOCK 1955**

- 1955 *Tanystylum isthmiacum* STOCK, Vidensk. Medd. Dansk naturhist. Foren., **117**: 247-249, fig. 17.
- 1966 *Tanystylum isthmiacum difficile*, - FAGE & STOCK, Ann. Inst. Oceanogr. Monaco **44**: 318.
- 1966 *Tanystylum isthmiacum difficile*, - STOCK, Ann. Inst. Oceanogr. Monaco., **44**: 389-391, figs. 2a-h.
- 1975 *Tanystylum isthmiacum isthmiacum*, - STOCK, Ent. Ber., **35** (5): 74, figs. 16-21.
- 1979 *Tanystylum isthmiacum difficile*, - CHILD, Smiths. Contr. Zool., **293**: 29.
- 1979 *Tanystylum isthmiacum isthmiacum*, - CHILD, Smiths. Contr. Zool., **293**: 29.
- 1979 *Tanystylum isthmiacum difficile*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 11-13, fig. 3b-f.
- 1986 *Tanystylum isthmiacum difficile*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1.
- 1990 *Tanystylum isthmiacum*, - MÜLLER, Bonn. zool. Beitr., **41** (3-4): 280.

Distribution: In the E-Pacific recorded from Mexico, Costa Rica, Panamá and Ecuador; in the W-Atlantic known from Panamá, Curaçao, Martinique and Brazil; one E-Atlantic record from the Cape Verde Islands.

Depth range: 0-51m.

Habitat: in a variety of substrata.

***Tanystylum malpelensis* CHILD 1979**

- 1979 *Tanystylum malpelensis* CHILD, Smith. Contr. Zool., **293**: 30-32, fig. 10.
- 1992 *Tanystylum malpelensis*, - CHILD, Smiths. Contr. Zool., **526**: 21.

Distribution: Colombia Pacific (Isla Malpelo); Galapagos Archipelago.

Depth range: 0-36m.

Habitat: rocks in intertidal zone.

***Tanystylum mexicanum* CHILD 1979**

- 1979 *Tanystylum mexicanum* CHILD, Smiths. Contr. Zool., **293**: 32-34, fig. 11a-h.

Distribution: Mexico Pacific (Gulf of California).

Depth range: 18-64m.

***Tanystylum neorhetum* MARCUS 1940**

- 1889 *Clotenia dohrnii* PFEFFER, Jb. Hamburg. Wiss. Anst., **6** (2): 48.
- 1913 *Tanystylum pfefferi* BOUVIER, Deuxième Exped. Antarct. Française (1908-1910),

- 6: 5, 45, 122.
- 1932 *Tanystylum pfefferi*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 26-28, figs. D1-4.
- 1932 *Tanystylum pfefferi*, - GORDON, Ann. Mag. Nat. Hist., (10) **10**: 90-93, figs. 3-4.
- 1932 *Tanystylum pfefferi*, - GORDON, Discovery Rep., **6**: 119-122, figs. 65a, 66-68.
- 1938 *Tanystylum pfefferi*, - GORDON, Sci. Rep. Australas. Antarct. Exp. (C) (Zool. & Bot.), **2** (8): 27.
- 1940 *Tanystylum neorhetum* MARCUS, Bol. Fac. Fil, Ciên. Letr., Univ. S. Paulo, **19** (Zool. 4): 95-96, 129.
- 1944 *Tanystylum neorhetum*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 67.
- 1955 *Tanystylum neorhetum*, - STOCK, Res. Norw. Sci. Exped. Tristan da Cunha, 1937-1938, **33**: 3.
- 1957 *Tanystylum neorhetum*, - STOCK, Mitt. Zool. Mus. Hamburg., **55**: 98.
- 1961 *Tanystylum neorhetum*, - HEDGPETH, Lunds Univ. Arsskr., N.F. (2) **57** (3): 12.
- 1962 *Tanystylum neorhetum*, - KENNY & HAYSOM, Pac. Sci., **16** (3): 260.
- 1969 *Tanystylum neorhetum*, - ARNAUD, Les Terres Austr. Françaises, **47**: 37.
- 1971 *Tanystylum neorhetum*, - STOCK, Com. natn. français rech. Antarct., **30**: 129.
- 1972 *Tanystylum neorhetum*, - ARNAUD, Bull. Mus. natn. Hist. nat., Paris, (3) **51** (65): 809-811.
- 1977 *Tanystylum neorhetum*, - CLARK, J. Roy. Soc. N.Z., **7** (3): 327-330, figs. 31-39.

Distribution: New Zealand; South Georgia; E-Patagonian Bank; Kerguelen Islands, Macquarie Island. Tristan da Cunha.

Depth range: 0-46m.

Habitat: under stones; on *Melobesia*.

***Tanystylum nesiotes* CHILD 1970**

- 1970 *Tanystylum nesiotes* CHILD, Proc. biol. Soc. Wash., **83** (27): 299-302, fig. 4.
- 1989 *Tanystylum nesiotes*, - MÜLLER, Bonn. zool. Beitr., **40** (2): 126.

Distribution: Society Islands (Tahiti, Moorea, Bora Bora).

Depth range: 0-11m.

Habitat: coral reefs; algae and dead corals.

***Tanystylum occidentalis* (COLE 1904)**

- 1904 *Clotenia occidentalis* COLE, Harriman Alaska Exped., **10**: 281-282, pl. XIII, fig. 9, pl. XXIII, figs. 4-8.

Distribution: Pacific Grove, California.

***Tanystylum oculospinosum* HILTON 1942**

- 1942 *Tanystylum oculospinosum* HILTON, Allan Hancock Pac. Exped., **5** (9): 70.
- 1955 *Tanystylum oculospinosum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 248-249.
- 1966 *Tanystylum oculospinosum*, - STOCK, Ann. Inst. Océanogr., Monaco, **44**: 390.
- 1979 *Tanystylum oculospinosum*, - CHILD, Smiths. Contr. Zool., **293**: 34.

- 1992 *Tanystylum oculospinosum*, - CHILD, Mem. Hourglass Cruises, **9** (1): 8 [key], 9 [tab. 3], 35-37, fig. 16.
 1992 *Tanystylum oculospinosum*, - CHILD, Smiths. Contr. Zool., **526**: 23-24.

Distribution: In the West-Atlantic from Bermuda to the Caribbean. In the E-Pacific known from Panamá, Peru, Ecuador, Baja California and the Galapagos Archipelago.

Depth range: intertidal-10 m.

Habitat: shallow shore localities and *Sargassum*.

Tanystylum oedinotum LOMAN 1923

- 1923 *Tanystylum oedinotum* LOMAN, Further Zool. Res. Swed. Antarct. Exped. (1901-1903), **1** (2): 29-30, fig. F1-5.
 1932 *Tanystylum oedinotum*, - GORDON, Discovery Rep., **6**: 119-122, figs. 65a, 66-68.
 1938 *Tanystylum pfefferi*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (c), (Zool. & Bot.), **2** (8): 27 [part].
 1972 *Tanystylum oedinotum*, - ARNAUD, Bull. Mus. natn. Hist. nat., (3) **51** (65): 811-812, figs. 2-6.
 1977 *Tanystylum oedinotum*, - CLARK, J. Roy. Soc. N.Z., **7** (3): 330-332, figs. 44-50.

Distribution: Macquarie Island.

Depth range: 0-60m.

Habitat: sand; hydroids and *Mytilus* clumps; debris on stones.

Tanystylum orbiculare WILSON 1878

- 1844 ?*Pasithoe umbonata* GOULD, Proc. Soc. Nat. Hist., Boston[?], **1**: 92-93.
 1878 *Tanystylum orbiculare* WILSON, Trans. Connecticut Acad. Arts Sci., **5**: 5-7, fig. 2a-f.
 1880 *Tanystylum orbiculare*, - WILSON, Rep. U.S. Commissioner Fish., 1878 (6): 471-473, pl. 3, fig. 11.
 1891 *Tanystylum orbiculare*, - MORGAN, Stud. Biol. Lab. Johns Hopkins Univ., Baltimore, **5** (1): 37-49 [embryology].
 1913 *Tanystylum orbiculare*, - SUMNER, OSBURN & COLE, Bull. Bureau Fish., Washington, **31** (1, 2): 141-142.
 1925 *Tanystylum orbiculare*, - FISH, Bull. Bureau Fish., Washington, **41**: 161.
 1929 *Clotenia orbiculare*, - GILTAY, Bull. & Ann. Soc. Roy. Ent. Belg., **69**: 175.
 1940 *Tanystylum orbiculare*, - MARCUS, Bolm. Fac. Fil., Ciên. Letr., Univ. S. Paulo, **19** (Zool. 4): 105-108, pl. XV, fig. 15a-h.
 1943 *Tanystylum orbiculare*, - HEDGPETH, Proc. New England Zool. Club, **22**: 54-55.
 1948 *Tanystylum orbiculare*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 266-268, figs. 8, 49a.
 1949 *Tanystylum orbiculare*, - FAGE, Arch. Zool. Exp. Gen., 86 (Notes & Rev.), **2**: 29-30, fig. 6.
 1950 *Tanystylum orbiculare*, - SAWAYA, Mem. Inst. Oswaldo Cruz, **47** (1-2): 73.
 1951 *Tanystylum orbiculare*, - STOCK, Mem. Inst. Roy. Sci. Nat. Belg., **2** (43): 18-20.
 1952 *Tanystylum orbiculare*, - FAGE, Bull. Mus. natn. Hist. nat., 2e sér., **24** (6): 530.

- 1954 *Tanystylum orbiculare*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 117.
- 1954 *Tanystylum orbiculare*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 145.
- 1955 *Tanystylum orbiculare*, - BOURDILLON, Rev. Trav. Inst. Pêches Marit., **19** (4): 599.
- 1958 *Tanystylum orbiculare*, - Bull. Sea Fish. Res. Stat. Haifa, **16**: 4.
- 1958 *Tanystylum orbiculare*, - STOCK, Bull. Res. Council Israel, (B. Zool.), **7B** (3-4): 138.
- 1962 *Tanystylum orbiculare*, - STOCK, Ent. Ber., **22** (11): 219.
- 1963 *Tanystylum orbiculare*, - CLARK, Rec. Austr. Mus., **26** (1):
- 1966 *Tanystylum orbiculare*, - FAGE & STOCK, Ann. Inst. Océanogr. Monaco, **44**: 319.
- 1966 *Tanystylum orbiculare*, - STOCK, Atlantide Rep., **9**: 46.
- 1973 *Tanystylum orbiculare*, - KRAEUTER, J. nat. Hist., **7** (5): 496.
- 1973 *Tanystylum orbiculare*, - KRAPP, Beaufortia, **21** (277): 60, 64, fig. 4.
- 1975 *Tanystylum orbiculare*, - KRAPP-SCHICKEL & KRAPP, Vie Milieu, (B) **25** (1): 17, 18-20 (tab. II) (ecology).
- 1975 *Tanystylum orbiculare*, - STOCK, Bull. mar. Sci., **24** (4): 985.
- 1976 *Tanystylum orbiculare*, - ARNAUD, Acta Ecol. Iranica, **1**: 69.
- 1976 *Tanystylum orbiculare*, - KRAPP & KRAEUTER, Bonn. zool. Beitr., **27** (3/4): 343.
- 1977 *Tanystylum orbiculare*, - CLARK, J. Roy. Soc. N.Z., **7** (3): 332.
- 1981 *Tanystylum orbiculare*, - MUNILLA & de HARO, Bijdr. Dierk., **51** (2): 191-197, figs. 5, 11, tab. I (electrophoretical and immunological study).
- 1983 *Tanystylum orbiculare*, - KRAPP, Bonn. zool. Beitr., **34** (1-3): 409, 412.
- 1984 *Tanystylum orbiculare*, - MUNILLA & de HARO, in: Els sistemes naturals de les illes Medes, ROS, OLIVELLA & GILI eds., Barcelona: 531, 533-535, tab. III-IV.
- 1986 *Tanystylum orbiculare*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1.
- 1987 *Tanystylum orbiculare*, - ARNAUD, Mesogee, **47**: 43-44.
- 1992 *Tanystylum orbiculare*, - CHILD, Mem. Hourglass Cruises, **9** (1): 8 [key], 9 [tab. 3], 33-35, fig. 15.
- 1992 *Tanystylum orbiculare*, - STOCK, Tijdschr. Ent., **135**: 121, 139.

Distribution: Massachusetts to Brazil, Indo-Pacific; ?Mediterranean.

Depth range: intertidal-?7m.

Habitat: rocky shore; *Peyssonelia squamaria*, *Sargassum*.

***Tanystylum ornatum* FLYNN 1928**

- 1928 *Tanystylum ornatum* FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., I): 33-34, figs. 20-21.
- 1954 *Tanystylum ornatum*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 148-149.
- 1977 *Tanystylum ornatum*, - CLARK, J. Roy. Soc. N.Z., **7** (3): 332.

Distribution: South Africa.

Depth range: 46-55m.

***Tanystylum philippinensis* CHILD 1988**

- 1988 *Tanystylum philippinensis* CHILD, Smiths. Contr. Zool., **468**: 10-12, fig. 4.

Distribution: Philippines.
Depth range: 15-20m.

***Tanystylum rehderi* CHILD 1970**

- 1970 *Tanystylum rehderi* CHILD, Proc. biol. Soc. Wash., **83** (27): 302-306, fig. 5.
 1983 *Tanystylum rehderi*, - CHILD, Proc. biol. Soc. Wash., **96** (4): 705.
 1988 *Tanystylum rehderi*, - CHILD, Bull. biol. Soc. Wash., **8**: 53-54.
 1989 *Tanystylum rehderi*, - MÜLLER, Bonn. zool. Beitr., **40** (2): 126, figs. 22-39.
 1991 *Tanystylum rehderi*, - CHILD, Proc. biol. Soc. Wash., **104** (1): 142.

Distribution: Society Islands (Bora Bora, Moorea); Seychelles (Aldabra Atoll); Koror; Guam.

Depth range: 0-12m.

Habitat: coral reefs; dead corals.

***Tanystylum scrutator* STOCK 1954**

- 1954 *Tanystylum scrutator* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 142-145, fig. 70.
 1971 *Tanystylum scrutator*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 337.
 1983 *Tanystylum scrutator*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 41.
 1986 *Tanystylum scrutator*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 50.
 1991 *Tanystylum scrutator*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 24-25.

Distribution: Japan and Korea.

Depth range: ?0-40 m.

Habitat: *Corallina*.

***Tanystylum styligerum* (MIERS 1875)**

- 1875 *Nymphon styligerum* MIERS, Ann. Mag. Nat. Hist., **16** (4): 76.
 1879 *Tanystylum styligerum*, - MIERS, Phil. Trans. Roy. Soc. London, **168**: 213, pl. XI, figs. 9-9d.
 1907 *Tanystylum longicaudatum* HODGSON, Ergebn. Hamburg. Magalhaens. Sammelreise 1892-93, **2**: 13.
 1915 *Tanystylum styligerum*, - HODGSON, Ann. Mag. Nat. Hist., (8) **15** (85): 148.
 1923 *Tanystylum kentrodes* LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 26-28, fig. E1-4.
 1927 *Tanystylum styligerum*, - Dt. Südpolar Exped., **19** (Zool. II): 117.
 1932 *Tanystylum styligerum*, - GORDON, Ann. Mag. Nat. Hist., **10** (10): 88-90, figs. 1-2
 1932 *Tanystylum styligerum*, - GORDON, Discovery Rep., **6**: 118-119, fig. 65b.
 1938 *Tanystylum styligerum*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 26-27.
 1940 *Tanystylum styligerum*, - MARCUS, Bolm. Fac. Fil., Ciên. Letr., Univ. S. Paulo, **19** (Zool. 4): 96.
 1944 *Tanystylum styligerum*, - GORDON, Re. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 67.
 1961 *Tanystylum styligerum*, - HEDGPETH, Lunds Univ. Arsskr., N.F. (2) **57** (3): 12.
 1962 *Tanystylum styligerum*, - KENNY & HAYSOM, Pac. Sci., **16** (3): 260.
 1972 *Tanystylum styligerum*, - ARNAUD, Bull. Mus. natn. Hist. nat., Paris, (3) **51**

(65): 809.

- 1977 *Tanystylum stylicherum*, - CLARK, J. Roy. Soc. N.Z., **7** (3): 333-336, figs. 51-61, figs. 51-61.

Distribution: Straits of Magellan; Kerguelen Islands; Macquarie Island; Falkland Islands.

Depth range: 0-91m.

Habitat: *Macrocystis pyrifera*.

***Tanystylum thermophilum* (BARNARD 1946)**

- 1946 *Austroraptus thermophilus* BARNARD, Ann. Magh. Nat. Hist., **13** (11): 62.
 1954 *Austroraptus thermophilus*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 146-148, figs. 29-30.
 1956 *Tanystylum thermophilum* STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 92-93.
 1957 *Tanystylum thermophilum*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 94-95, fig. 12a-c.
 1962 *Tanystylum thermophilum*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 277-278.
 1977 *Tanystylum thermophilum*, - CLARK, J. Roy. Soc. N.Z., **7** (3): 336.
 1988 *Tanystylum thermophilum*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 130.

Distribution: South Africa; Macquarie Island.

Depth range: 62-71m-?>100m.

Habitat: rocks.

***Tanystylum tubirostrum* STOCK 1954**

- 1954 *Tanystylum tubirostre* STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5**: 117-120, figs. 24-25.
 1955 non *Tanystylum tubirostre* (= *isabellae*), - BOURDILLON, Rev. Trav. Inst. Pêches Marit., **19** (4): 600, pl. 3, figs. 2-4.
 1975 *Tanystylum tubirostrum*, - STOCK, Bull. mar. Sci., **24** (4): 984.
 1979 *Tanystylum tubirostrum*, - CHILD, Smiths. Contr. Zool., **293**: 34-35.
 1982 *Tanystylum tubirostrum*, - CHILD, Smiths. Contr. mar. Sci., **12**: 363.
 1986 *Tanystylum tubirostrum*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1.
 1990 *Tanystylum tubirostrum*, - MÜLLER, Bonn. zool. Beitr., **41** (1): 67-68, figs. 16-20.

Distribution: tropical W-Atlantic and Kenya.

Depth range: 0-1m.

Habitat: in a variety of substrata.

***Tanystylum ulreungum* KIM 1983**

- 1983 *Tanystylum ulreungum* KIM, J. Kangreung Natn. Univ., **5** (2): 467, figs. 1-2.
 1983 *Tanystylum nabetensis*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 39-41, fig. 13.
 1986 *Tanystylum ulreungum*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 50.
 1987 *Tanystylum ulreungum*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 152.

Distribution: Japan; Korea.

Depth range: 7-15m.

***Trygaeus* DOHRN 1881**

1881 *Trygaeus* DOHRN, Monogr. Fauna Flora Golf Neapel, **3**: 164 [diagnosis].

***Trygaeus communis* DOHRN 1881**

- 1881 *Trygaeus communis* DOHRN, Monogr. Fauna Flora Golf Neapel, **3**: 164-168, pl. IX, figs. 6-14, pl. X, figs. 1-5.
 1909 *Trygaeus communis*, - d'ARCY THOMPSON, The Cambridge Nat. Hist.: 535.
 1923 *Trygaeus communis*, - BOUVIER, Ann. Sci. Nat., Paris (Zool.), (10) **6** (3, 4): 122.
 1923 *Trygaeus communis*, - BOUVIER, Faune de France, **7**: 58.
 1929 *Trygaeus communis*, - GILTAY, Bull. & Ann. Soc. Ent. Belg., **69**: 176.
 1940 *Trygaeus communis*, - FARAGGIANA, Boll. Mus. Zool. Anat. Comp. Reale Univ. Torino, (3) **48** (112): 12.
 1954 *Trygaeus communis*, - BOURDILLON, Rec. Trav. Stat. Mar. d'Endoume, **12** (7): 155.
 1968 *Trygaeus communis*, - STOCK, Vie Milieu, Suppl. **19** (1A): 19-20, fig. 13.
 1973 *Trygaeus communis*, - KRAPP, Bonn. zool. Beitr., **21** (277): 64.
 1975 *Trygaeus communis*, - KRAPP-SCHICKEL & KRAPP, Vie Milieu, (B) **25** (1): 14 fig. 4, 17, 18-20 (tab. II), 21-23 (ecology).
 1979 *Trygaeus communis*, - CHIMENEZ, BRIGNOLI & BASCIANO, Cah. Biol. Mar., **20** (4): 489.
 1984 *Trygaeus communis*, - MUNILLA & de HARO, in: Els sistemes naturals de les illes Medes, ROS, OLIVELLA & GILI eds., Barcelona: 534-535, tabs. III-IV.
 1987 *Trygaeus communis*, - ARNAUD, Mesogee, **47**: 44.
 1989 *Trygaeus communis*, - SCHÜLLER, Bonn. zool. Beitr., **40** (3/4): 287 [tab. 1], 288 (phenology).

Distribution: Mediterranean.

Depth range: 0.5-3m.

Habitat: algae. - (*Cutleria*; *Cystoseira*; *Halopteris scoparia*; *Padina pavonia*; *Peyssonelia squammaria*; *Sargassum*) and on hydroids (*Aglaophenia*).

AUSTRODECIDAE

- 1954 Austrodecidae STOCK, Vidensk. Medd. Dansk naturh. Foren., **116**: 151 [diagnosis, remarks].
 1957 Austrodecidae, - Stock, Beaufortia, **68** (6): 1-81 [revision of family].

***Austrodecus* HODGSON 1907**

- 1954 *Austrodecus*, - STOCK, Vidensk. Medd. Dansk naturh. Foren., **116**: 151 [remarks, key to species].
 1991 *Austrodecus*, - Stock, Mem. Mus. natn. Hist. nat., (A), **151**: 170 [diagnosis of subgenus *Tubidecus*].

Austrodecus aconae (HEDGPETH & McCAIN 1971)

1971 *Pantopipetta aconae* HEDGPETH & McCAIN, in: LLANO & WALLEN (eds): Biology of the Antarctic Seas, Antarct. Res. Ser., **17**: 227-228, figs 1, 6, tab. 4.

Distribution: NE-Pacific.
Depth range: 1400-1420m.

Austrodecus bathyale STOCK 1991

1991 *Austrodecus (Tubidecus) bathyale* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 174-175, fig. 34.

Distribution: Between New Caledonia and Loyalty Islands.
Depth range: 1590-1665 m.

Austrodecus breviceps GORDON 1938

1938 *Austrodecus breviceps* GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 25-26, figs. 7-8.

1950 *Austrodecus breviceps*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 154.

1957 *Austrodecus breviceps*, - STOCK, Beaufortia, **6** (68): 59-61, figs. 30, 31b, 32c-d.

1971 *Austrodecus breviceps*, - CLARK, N.Z. J. Mar. Freshw. Res., **5** (3-4): 449-450, fig. 11A-E.

1972 *Austrodecus breviceps*, - ARNAUD, Bull. Mus. natn. Hist. nat., (3) **51** (65): 806.

Distribution: New Zealand (Antipodes Islands); Kerguelen Islands.

Depth range: 0-140m.
Habitat: pools.

Austrodecus calcaricauda STOCK 1957

1957 *Austrodecus calcaricauda* STOCK, Beaufortia, **6** (68): 34-35, fig. 13.

Distribution: South Georgia (Cumberland Bay).
Depth range: 230-250m.

Austrodecus calvum STOCK 1991

1991 *Austrodecus calvum* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 168-170, fig. 31.

Distribution: New Caledonia.
Depth range: 1490-1620m.

Austrodecus confusum STOCK 1957

1957 *Austrodecus confusum* STOCK, *Beaufortia*, **6** (68): 69-71, fig. 38.

Distribution: Three Kings, north of New Zealand.
Depth range: 119m..
Habitat: hard bottom.

Austrodecus conifer STOCK 1991

1991 *Austrodecus conifer* STOCK, *Bull. Mus. natn. Hist. nat.*, 4e sér., **13**, sec. A, nos. 1-2: 139-141, figs. 1-7.

Distribution: NE-Atlantic (banc Galice).
Depth range: 675-685m.

Austrodecus curtipes STOCK 1957

1957 *Austrodecus curtipes* STOCK, *Beaufortia*, **6** (68): 36-39, fig. 14.
 1961 *Austrodecus curtipes*, - HEDGPETH, *Lunds Univ. Arsskr.*, N.F. (2) **57** (3): 16.
 1969 *Austrodecus curtipes*, - HEDGPETH, *Antarct. Map Folio Ser.*, **11**: pl. 14.
 1972 *Austrodecus curtipes*, - ARNAUD, *Bull. Mus. natn. Hist. nat.*, (3) **51** (65): 806-807.

Distribution: Tierra del Fuego; Falkland Islands; Kerguelen Islands.
Depth range: 0-130m.
Habitat: *Macrocystis pyrifera*.

Austrodecus elegans STOCK 1957

1957 *Austrodecus elegans* STOCK, *Beaufortia*, **6** (68): 68-69, figs. 36, 37a, c.

Distribution: just north of Marion Island (Prince Edward group).
Depth range: 99-113m.

Austrodecus enzoi CLARK 1971

1971 *Austrodecus enzoi* CLARK, *N.Z. J. Mar. Fresw. Res.*, **5** (2): 338-340, fig. 3H-M.
 1991 *Austrodecus enzoi*, - STOCK, *Mém. Mus. natn. Hist. nat.* (A), **151**: 170.

Distribution: New Zealand (Snares Islands).
Depth range: 81m.
Habitat: coarse shelly sand.

Austrodecus excelsum STOCK 1991

1991 *Austrodecus (Tubidecus) excelsum* STOCK, *Mém. Mus. natn. Hist. nat.* (A), **151**: 170-172, fig. 32.

Distribution: New Caledonia.
Depth range: 440m.

***Austrodecus fagei* STOCK 1957**

1957 *Austrodecus fagei* STOCK, *Beaufortia*, **6** (68): 3942, figs. 15-16.

Distribution: Eastern part of Antarctic continent.
Depth range: 26-393m.

***Austrodecus frigorifugum* STOCK 1954**

1954 *Austrodecus frigorifugum* STOCK, *Vidensk. Medd. dansk naturhist. Foren.*, **116**: 156-159, fig. 77.

1957 *Austrodecus frigorifugum*, - STOCK, *Beaufortia*, **6** (68): 72-73, fig. 40.

1968 *Austrodecus frigorifugum*, - STOCK, *Vidensk. Medd. dansk naturhist. Foren.*, **131**: 28-29, fig. 10a.

Distribution: New Zealand (Three Kings Island); Raoul Island; Kermadec Islands.
Depth range: 60-119m.
Habitat: hard bottom; stones.

***Austrodecus glabrum* STOCK 1957**

1957 *Austrodecus glabrum* STOCK, *Beaufortia*, **6** (68): 42-45, figs. 17-18.

Distribution: Shelf around South Georgia.
Depth range: 18-250m.

***Austrodecus glaciale* HODGSON 1907**

1907 *Austrodecus glaciale* HODGSON, *Rep. natn. Antarct. Exp., 1901-1904, Nat. Hist.*, **3**: 53, pl. VIII, fig. 1.

1927 *Austrodecus glaciale*, - HODGSON, *Dt. Südpolar-Exped.*, **19**, *Zool.* 11: 347-349.

1932 *Austrodecus glaciale*, - GORDON, *Discovery Rep.*, **6**: 115-117, figs. 63-64.

1944 *Austrodecus glaciale*, - GORDON, *Rep. Brit., Austr. and N.Z. Antarct. Res. Exped.*, (B) **5** (1): 62-68, figs. 24-25.

1950 *Austrodecus glaciale*, - HEDGPETH, *Proc. U.S. natn. Mus.*, **100** (3260): 154.

1952 *Austrodecus glaciale*, - *Bull. Mus. natn. Hist. nat., Paris*, (2) **24** (2): 185.

1952 *Austrodecus glaciale*, - *Bull. Mus. natn. Hist. nat., Paris*, (2) **24** (3): 272.

1954 *Austrodecus glaciale*, - STOCK, *Vidensk. Medd. dansk naturhist. Foren.*, **116**: 14, 159.

1957 *Austrodecus glaciale*, - STOCK, *Beaufortia*, **6** (68): 45-50, figs. 19-21.

Distribution: Antarctic continent, propably circumpolar.
Depth range: 0-640m.
Habitat: mud.

***Austrodecus gordonae* STOCK 1954**

- 1954 *Austrodecus gordonae* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 153-156, figs. 75-76.
 1957 *Austrodecus gordonae* STOCK, Beaufortia, **6** (68): 73-75, figs. 41-42.

Distribution: New Zealand (Three Kings Island).
Depth range: 119m.
Habitat: hard bottom.

***Austrodecus goughense* STOCK 1957**

- 1957 *Austrodecus goughense* STOCK, Beaufortia, **6** (68): 63-65, fig. 34.
 1974 *Austrodecus goughense*, - ARNAUD, Tethys, **5** (4): 781.

Distribution: St. Paul and Amsterdam Islands; Gough Island.
Depth range: 50-120m.
Habitat: coralline algae; bryozoans.

***Austrodecus kelpi* PUSHKIN 1977**

- 1977 *Austrodecus kelpi* PUSHKIN, Expl. Fauna Seas, **21** (24): 56-58, fig. 3.
 1991 *Austrodecus kelpi*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 170 [text].

Distribution: Antarctica (off South Georgia).
Depth range: shallow water.
Habitat: among algae (kelps).

***Austrodecus latum* STOCK 1991**

- 1991 *Austrodecus (Tubidecus) latum* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 174-177, fig. 35.

Distribution: Between New Caledonia and Loyalty Islands.
Depth range: 570-595 m.

***Austrodecus longispinum* STOCK 1957**

- 1957 *Austrodecus longispinum* STOCK, Beaufortia, **6** (68): 50-52, figs. 22-23.

Distribution: Shelf of Kerguelen Island.
Depth range: 91-150m.

***Austrodecus minutum* CLARK 1971**

- 1971 *Austrodecus minutum* CLARK, N.Z. J. Mar. Freshw. Res., **5** (2): 336-338, fig. 3A-G.

Distribution: New Zealand (Snares Islands).
Depth range: 132m.
Habitat: sand with shells.

Austrodecus oblongus PUSHKIN 1977

- 1977 *Austrodecus oblongus* PUSHKIN, Expl. Fauna Seas, **21** (24): 59, fig. 4.
 1991 *Austrodecus oblongus*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 170
 [text].

Distribution: Antarctica.

Depth range: 100-140m.

Austrodecus palauense CHILD 1983

- 1983 *Austrodecus palauense* CHILD, Proc. biol. Soc. Wash., **96** (4): 711-713, fig. 5.

Distribution: Palau, SE Koror Island.

Depth range: 0.1m.

Habitat: sea reef inside cove next to cave, from sponges.

Austrodecus pentamerum STOCK 1968

- 1968 *Austrodecus pentamerum* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 26-28, fig. 9.

Distribution: Raoul Islan;; Kermadec Islands.

Depth range: 60m.

Habitat: stones.

Austrodecus profundum STOCK 1957

- 1957 *Austrodecus profundum* STOCK, Beaufortia, **6** (68): 52-54, fig. 24.

Distribution: Graham Region of the Antarctic zone.

Depth range: 920m.

Habitat: mud and stones.

Austrodecus simulans STOCK 1957

- 1957 *Austrodecus simulans* STOCK, Beaufortia, **6** (68): 54-56, figs. 25, 26, 37b, d.

Distribution: Shelf around Kerguelen.

Depth range: 91-150m.

Austrodecus sinuatum STOCK 1957

- 1957 *Austrodecus sinuatum* STOCK, Beaufortia, **6** (68): 56-57, fig. 27.

Distribution: Auckland Islands (Masked Island, Carnley Harbour).

Habitat: rocky coast, from *Melobesia*.

***Austrodecus staplesi* STOCK 1990**

1990 *Austrodecus staplesi* STOCK, Tijdschr. Ent., **133**: 269-272, figs. 1-9.

Distribution: Australia (New South Wales, Split Solitary Island).

Depth range: 12-14m.

Habitat: "rocky area with small caves, some corals, algae and some sand" (STOCK).

***Austrodecus stocki* CHILD 1988**

1988 *Austrodecus stocki* CHILD, Bull. biol. Soc. Wash., **8**: 54-55, fig. 1.

Distribution: Seychelles (Aldabra Atoll).

Depth range: 20m.

Habitat: "reef slope, coral rubble in hollows between coral heads" (CHILD).

***Austrodecus tristanense* STOCK 1955**

1955 *Austrodecus tristanense* STOCK, Res. Norw. Sci. Exped. Tristan da Cunha 1937-1938, **33**: 5-7, fig. 2.

1957 *Austrodecus tristanense* STOCK, Beaufortia, **6** (68): 66-67, fig. 35.

Distribution: Tristan da Cunha.

Depth range: 0-55m.

Habitat: from *Lithothamnion* in surf zone; algae and sand; intertidal, under stones; from rocks covered with *Lithothamnion* and *Balanus*; hard bottom with algae.

***Austrodecus tuberculatum* STOCK 1991**

1991 *Austrodecus (Tubidecus) tuberculatum* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 172-174, fig. 33.

Distribution: New Caledonia.

Depth range: 440-610 m.

***Austrodecus tubiferum* STOCK 1957**

1954 *Austrodecus gordonae* (part), - STOCK, Vidensk. Medd. dansk naturhist. Foren, **116**: 153.

1957 *Austrodecus tubiferum* STOCK, Beaufortia, **6** (68): 75-77, fig. 43.

1971 *Austrodecus tubiferum*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 337.

1988 *Austrodecus tubiferum*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (3): 668.

1991 *Austrodecus tubiferum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 35.

Distribution: Japan (Okinose, Sagami Bay).
Depth range: 37-187m.
Habitat: hard bottom.

***Austrodecus valdiviensis* TURPAEVA 1990**

- 1990 *Austrodecus valdiviensis* TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **126**: 116-118, fig. 5

Distribution: southern Atlantic.
Depth range: 620m.

***Pantopipetta* STOCK 1963**

- 1963 *Pantopipetta* STOCK, Ann. S. Afr. Mus., **46** (12): 184 [diagnosis, remarks], 185 [key to species].
 1971 *Pantopipetta*, - HEDGPETH & McCAIN, in: G. Llano & Wallen: Biology of the Anarct. Seas, 4. Antarct. Res. Ser., **17**: 217-222 [diagnosis, remarks], 222-223 [key to species].
 1981 *Pantopipetta*, - STOCK, Cah. Biol. Mar., **22**: 465-466 [remarks on *longituberculata*-complex].
 1988 *Pantopipetta*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 131-132 [key to species].

***Pantopipetta angusta* STOCK 1981**

- 1981 *Pantopipetta angusta* STOCK, Cah. Biol. Mar., **22**: 468-470, fig. 8.
 1990 *Pantopipetta angusta* TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **126**: 119-123.

Distribution: southern Atlantic; Walvis Basin.
Depth range: 4560-5218m.

***Pantopipetta armata* ARNAUD & CHILD 1988**

- 1988 *Pantopipetta armata* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 132-134, fig. 2.

Distribution: South Africa.
Depth range: 680-1300m.

***Pantopipetta armoricana* STOCK 1978**

- 1978 *Pantopipetta armoricana* STOCK, Cah. Biol. Mar., **19**: 206-208, fig. 7.
 1991 *Pantopipetta armoricana*, - STOCK, Bull. Mus. natn. Hist. nat., 4e sér., **13**, sec. A, nos. 1-2: 138.

Distribution: NE Atlantic.
Depth range: 180-1210m.

Pantopipetta australis (HODGSON 1914)

- 1914 *Pipetta australis* HODGSON, Zool. Anz., **45** (4): 159.
 1915 *Pipetta australis*, - HODGSON, Ann. Mag. Nat. Hist., (8) **15** (85): 141-142.
 1927 *Pipetta australis*, - HODGSON, Dt. Südpolar-Exped., **19** (Zool. 2): 314-315, fig. 2.
 1955 *Pipetta australis*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **12**: 327.
 1971 *Pantopipetta australis*, - HEDGPETH & McCAIN, in: Biol. Antarct. Seas, **4**. Antarct. Res. Ser., 17: 223, figs. 1-2.

Distribution: Antarctica.

Depth range: 2450-3725m.

Pantopipetta auxiliata STOCK 1968

- 1968 *Pantopipetta auxiliata* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 24-26, fig. 8.
 1971 *Pantopipetta auxiliata*, - HEDGPETH & McCAIN, in: Biol. Antarct. Seas, **4**. Antarct. Res. Ser., 17: 219-221, 223 [key].
 1988 *Pantopipetta auxiliata*, - CHILD, Bull. biol. Soc. Wash., **8**: 55-56.

Distribution: Seychelles (Aldabra Atoll); South Africa (off Natal).

Depth range: 20-550m.

Habitat: coral reef slope. - among coral rubble in hollows between coral heads.

Pantopipetta bilobata ARNAUD & CHILD 1988

- 1988 *Pantopipetta bilobata* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 135-137, fig. 3A-G.

Distribution: South Africa.

Depth range: 90-550m.

Pantopipetta brevicauda STOCK 1963

- 1963 *Pantopipetta brevicauda* STOCK, Ann. S. Afr. Mus., **46** (12): 336-388, figs. 9, 10a.
 1971 *Pantopipetta brevicauda*, - HEDGPETH & McCAIN, in: Biol. Antarct. Seas, **4**. Antarct. Res. Ser., 17: 223-226, figs. 1, 3-4.
 1978 *Pantopipetta brevicauda*, - STOCK, Cah. Biol. Mar., **19**: 205.
 1990 *Pantopipetta brevicauda*, - TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **126**: 119.

Distribution: NE Atlantic Basin and southern Atlantic, including Antarctica; SW-Africa; Chile.

Depth range: 2580-5024m.

***Pantopipetta brevopilata* TURPAEVA 1990**

- 1990 *Pantopipetta brevopilata* TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **126**: 123-125, figs. 8-9.

Distribution: southern Atlantic.

Depth range: 6050-6150m.

***Pantopipetta capensis* (BARNARD 1946)**

- 1946 *Pipetta capensis* BARNARD, Ann. Mag. Nat. Hist., **13** (11): 60.
 1954 *Pipetta capensis*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 86-88, fig. 1.
 1963 *Pantopipetta capensis*, - STOCK, Ann. S. Afr. Mus., **46** (12): 336, fig. 8a-e.
 1971 *Pantopipetta capensis*, - HEDGPETH & McCAIN, in: Biol. Antarct. Seas, 4. Antarct. Res. Ser., **17**: 226-227, figs. 1, 5.

Distribution: South Africa.

Depth range: 841-2890m.

***Pantopipetta lata* STOCK 1981**

- 1981 *Pantopipetta lata* STOCK, Cah. Biol. Mar., **22**: 466-468, fig. 7.

Distribution: Walvis Basin.

Depth range: 942-973m.

***Pantopipetta longituberculata* (TURPAEVA 1955)**

- 1955 *Pipetta longituberculata* TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **12**: 324-326, fig. 2.
 1963 *Pantopipetta brevicauda* STOCK, Ann. S. Afr. Mus., **46** (12): 336.
 1963 *Pantopipetta longituberculata*, - STOCK, Ann. S. Afr. Mus., **46** (12): 336.
 1971 *Pantopipetta longituberculata*, - HEDGPETH & McCAIN, in: Biol. Antarct. Seas, **4**. Antarct. Res. Ser., **17**: 219, 221, 223.
 1971 *Pantopipetta brevicauda*, - HEDGPETH & McCAIN, in: Biol. Antarct. Seas, **4**. Antarct. Res. Ser., **17**: 219, 220, 222, 223.
 1971 *Pantopipetta longituberculata*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **92**: 290.
 1974 *Pantopipetta longituberculata*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **98**: 292.
 1975 *Pantopipetta brevicauda*, - STOCK, Bull. mar. Sci., **24** (4): 993.
 1975 *Pantopipetta longituberculata*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **103**: 242.
 1978 *Pantopipetta brevicaudata*, - STOCK, Cah. Biol. Mar., **19**: 205-206.
 1982 *Pantopipetta longituberculata*, - CHILD, Smiths. Contr. Zool., **349**: 49.
 1986 *Pantopipetta brevicauda*, - STOCK, Bull. mar. Sci., **38** (3): 405 tab. 1.

Distribution: Guiana Basin; Brazil Slope and Basin, off Recife; Argentine Basin, off Rio de la Plata; North American Basin; Scotia Sea; Walvis Ridge; Pacific trenches.

Depth range: 2456-6700m.

***Pantopipetta oculata* STOCK 1968**

1968 *Pantopipetta oculata* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 22-24, fig. 7.

Distribution: Andaman Islands.

Depth range: 66m.

CALLIPALLENIDAE

1948 Pallenidae, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 199-202 [diagnosis, remarks, key to genera from American waters].

1949 Pallenidae, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 275 [remarks].

1954 Pallenidae, - BARNARD, Ann. S. Afr. Mus., **41** (3): 105 [diagnosis, key to South African genera].

1974 Pallenidae, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 59.

1978 Callipallenidae, - CHILD, Smiths. Contr. Zool., **293**: 41 [key to Middle American species].

1982 Callipallenidae, - CHILD, Smiths. Contr. Zool., **349**: 24-25 [remarks, key to genera].

1983 Callipallenidae, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 57 [key to Japanese genera].

1986 Callipallenidae, - STOCK, Bull. mar. Sci., **38** (3): 421 [remarks].

1992 Callipallenidae, - CHILD, Mem. Hourglass Cruises, **9** (1): 58, tab. 9.

***Anoropallene* STOCK 1956**

1956 *Anoropallene* STOCK, Mitt. Hamburg. Zool. Mus. Inst., **54**: 46 [diagnosis].

***Anoropallene laysani* CHILD 1972**

1972 *Anoropallene laysani* CHILD, Proc. biol. Soc. Wash., **85** (11): 147-150, fig. 1.

1983 *Anoropallene laysani*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 57.

1987 *Anoropallene laysani*, - NAKAMURA, Biol. Lab., Imperial Household: 8-9, pl. 6, figs. 4-10.

Distribution: Japan.

Depth range: 30-80m.

***Anoropallene palpida* (HILTON 1939)**

1939 *Palene palpida* HILTON, J. Ent. Zool. Pomona College, **31** (2): 30.

1942 *Oropallene palpida*, - HILTON, J. Ent. Zool. Pomona College, **34** (2): 38.

1942 *Oropallene heterodenta* HILTON, J. Ent. Zool. Pomona College, **34** (2): 38.

1954 *Oropallene* (?) spec., - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 29.

- 1956 *Anoropallene palpida*, - STOCK, Mitt. Zool. Mus. Hamburg, **1**: 46.
 1956 *Anoropallene heterodonta*, - STOCK, Mitt. Zool. Mus. Hamburg, **1**: 46.
 1956 *Anoropallene crenispina* STOCK, Mitt. Zool. Mus. Hamburg, **1**: 46-48, fig. 7.
 1979 *Anoropallene palpida*, - CHILD, Smiths. Contr. Zool., **293**: 40-41, fig. 3d-e.
 1992 *Anoropallene palpida*, - CHILD, Smiths. Contr. Zool., **526**: 24-25.

Distribution: California; Mexico and Panamá Pacific; Ecuador; Peru.

Depth range: 8-30m.

Habitat: often on muddy bottoms.

***Anoropallene valida* (HASWELL 1884)**

- 1884 *Nymphon validum* HASWELL, Proc. Linn. Soc. N.S.W., **9**: 1024-1025, pl. 54, figs. 6-9.
 1908 *Parapallene valida*, - LOMAN, Siboga Exped. Monogr., **40**: 48-49.
 1920 *Pallene* (?) *valida*, - FLYNN, Pap. & Proc. Roy. Soc. Tasm., 1919: 75-77, pl. XIX, figs. 7-8.
 1940 *Oropallene valida*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 33.
 1954 *Oropallene valida*, - STOCK, Vidensk. Medd. dansk naturhist. Foren, **116**: 29.
 1954 *Pallene valida*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 31.
 1956 *Anoropallene* (?) *valida*, - STOCK, Mitt. Zool. Mus. Hamburg, **54**: 46.
 1963 *Anoropallene valida*, - CLARK, Rec. Austr. Mus., **26** (1): 16-18, fig. 9A-J.

Distribution: Australia (Port Jackson).

***Austropallene* HODGSON 1907**

- 1927 *Austropallene*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 329 [diagnosis, remarks].
 1944 *Austropallene*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 36-37 [remarks, key to antarctic and sub-antarctic species].

***Austropallene brachyura* (BOUVIER 1913)**

- 1915 *Austropallene brachyura*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 39.
 1927 *Austropallene brachyura*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 332-334, fig. 8.
 1932 *Austropallene brachyura*, - GORDON, Discovery Rep., **6**: 86.
 1944 *Austropallene brachyura* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 38-39, fig. 10b-d, 14b.
 1972 *Austropallene brachyura*, - ARNAUD, Tethys, Suppl. **4**: 146-147.

Distribution: Antarctica, probably circumpolar.

Depth range: 180-640m.

***Austropallene calmani* GORDON 1944**

- 1944 *Austropallene calmani* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res.

Exped., (B), 5 (1): 42-45, fig. 12a, figs. 13a-c, 14a.

Distribution: off Antarctic continent, in Gauss and Victoria Quadrants.

Depth range: 163-640m.

***Austropallene cornigera* (MÖBIUS 1902)**

- 1902 *Pseudopallene cornigera* MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. Valdivia, 1898-1899, 3: 186, pl. XXVII, figs. 14-20.
- 1915 *Austropallene cornigera*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., 3 (1): 38.
- 1923 *Austropallene cornigera*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., 1 (2): 22.
- 1927 *Austropallene cornigera*, - HODGSON, Dt. Südpolar-Exped., 19 (Zool. 11): 329-330, fig. 7.
- 1932 *Austropallene cornigera*, - GORDON, Discovery Rep., 6: 85-86, figs. 42-43.
- 1938 *Austropallene cornigera*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), 2 (8): 15.
- 1944 *Austropallene cornigera*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), 5 (1): 36 [key], 37.
- 1950 *Austropallene cornigera*, - HEDGPETH, Proc. U.S. Natn. Mus., 100 (3260): 151.
- 1965 *Austropallene cornigera*, - STOCK, Bull. Inst. Roy. Sci. Nat. Belg., 41 (31): 2.
- 1972 *Austropallene cornigera*, - ARNAUD, Téthys, suppl. 4: 147.
- 1980 *Austropallene cornigera*, - KRAPP, Bull. Inst. Roy. Sci. Nat. Belg., 52 (18): 4.

Distribution: Antarctica.

Depth range: 120-520m.

***Austropallene cristata* (BOUVIER 1911)**

- 1913 *Pseudopallene cristata*, - BOUVIER, 2ème Expéd. Antarct. Française 1908-1910: 102-105, figs. 55-58.
- 1927 *Austropallene cristata*, - HODGSON, Dt. Südpolar-Exped., 19, Zool. 11: 331-332.
- 1932 *Austropallene cristata*, - GORDON, Discovery Rep., 6: 86.
- 1938 *Austropallene cristata*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), 2 (8): 15.
- 1944 *Austropallene cristata*, - GORDON: Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), 5 (1): 37.
- 1980 *Austropallene cristata*, - KRAPP, Bull. Bull. Inst. Roy. Sci. Nat. Belg., 52 (18): 6.

Distribution: Antarctica, probably circumpolar.

Depth range: 350m.

***Austropallene gracilipes* GORDON 1944**

- 1944 *Austropallene gracilipes* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), 5 (1): 39-41, fig. 10a, 11a, c, 14c, d.

Distribution: off the Antartctic Continent, in Gauss and Victoria Quadrants.

Depth range: 219-640m.

***Austropallene tibicina* CALMAN 1915**

1915 *Austropallene tibicina*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 39-41, figs. 7-8.

1944 *Austropallene tibicina*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 41-42, fig. 12b-d, 14e.

1950 *Austropallene tibicina*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 151.

Distribution: Antarctica (Ross Sea to South Georgia).

Depth range: 180-209m.

***Bradypallene* KIM & HONG 1987**

1987 *Bradypallene* KIM & HONG, Kor. J. Zool., **30** (3): 272 [diagnosis]

***Bradypallene espina* KIM & HONG 1987**

1987 *Bradypallene espina* KIM & HONG, Kor. J. Zool., **30** (3): 272-273, figs. 1-2.

Distribution: Korea.

Depth range: 5-7m.

Habitat: rocky bottom.

***Callipallene* FLYNN 1929**

1948 *Callipallene*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 202 [diagnosis, remarks, key to NE-American species].

1954 *Callipallene*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 105-106 [diagnosis].

1954 *Callipallene*, - STOCK, Vidensk. Medd. Dansk naturh. Foren., **116**: 37 [diagnosis].

1979 *Callipallene*, - CHILD, Smiths. Contr. Zool., 293: 41 [key to Middle American species].

1983 *Callipallene*, - NNAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 57-58 [key to Japanese species].

1992 *Callipallene*, - CHILD, Mem. Hourglass Cruises, 9 (1): 60 [diagnosis], 59 [tab. 9].

***Callipallene acribica* KRAPP 1975**

1975 *Callipallene acribica* KRAPP, Bonn. zool. Beitr., **26** (1-3): 284-288, fig. 1a-f.

1987 *Callipallene acribica*, - ARNAUD, Mesogee, **47**: 48.

Distribution: Mediterranean.

Depth range: 40-85m.

Habitat: "sur les fonds détriques côtiers" (ARNAUD).

Callipallene acus (MEINERT 1898)

- 1898 *Pallene acus* MEINERT, Dansk. Ingolf-Exped., **3** (1): 45-46, pl. IV, figs. 8-13.
 1898 *Pallene hasata* MEINERT, Dansk. Ingolf Exped., **3** (1): 46-47, pl. IV, figs. 14-19.
 1899 *Pallene acus*, - MEINERT, Danish Ingolf-Exped., **3** (1): 48-49, pl. IV, figs. 8-13.
 1899 *Pallene hasata*, - MEINERT, Danish Ingolf-Exped., **3** (1): 49, pl. 4, figs. 14-19.
 1901 *Pallene acus*, - MÖBIUS, Fauna Arctica, **2** (1): 50.
 1901 *Pallene hasata*, - MÖBIUS, Fauna Arctica, **2** (1): 50.
 1926 *Pallene acus*, - BOUVIER, Res. Campagnes Sci. acc. Yacht Albert Ier Prince Souverain de Monaco, **51**: 26.
 1933 *Pallene acus*, - STEPHENSEN, Medd. om Grönland, **79** (6): 20.
 1948 *Callipallene acus*, - CORRÉA, Avuls. Dept. Zool., S. Paulo, **9** (1): 5 [key].
 1948 *Callipallene acus*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 204-205, fig. 18c-e.
 1964 *Callipallene acus*, - STOCK, Beaufortia, **135** (11): 46, fig. 1

Distribution: N-Atlantic Basin; between Iceland and Greenland.

Depth range: 900-3800m.

Habitat: mud.

Callipallene africana ARNAUD & CHILD 1988

- 1988 *Callipallene africana* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 138-140, fig. 4.

Distribution: South Africa (Transkei area).

Depth range: 150-775m.

Callipallene amaxana (OHSHIMA 1938)

- 1933 ?*Pallene producta*, - OHSHIMA, Annot. Zool. Jap., **14** (2): 96.
 1938 *Pallene amaxana* OHSHIMA, Annot. Zool. Jap., **14** (2): 216.
 1936 *Pallene amaxana*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 863.
 1942 *Callipallene brevirostris*, - OHSHIMA, Proc. Imp. Acad., Tokyo, **18** (5): 257.
 1943 *Callipallene brevirostris*, - OHSHIMA, Bul. Sci. Fac. Terkult., Kyûsyû Imp. Univ., Tokyo, **10** (4): 371.
 1948 *Callipallene brevirostris*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 202-203, fig. 18a.
 1954 *Callipallene amaxana*, - STOCK, Vidensk. Medd. Dansk naturhist. Foren., **116**: 37.
 1962 *Callipallene phantoma*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 95.
 1968 *Callipallene phantoma amaxana*, - STOCK, Vidensk. Medd. Dansk naturhist. Foren., **131**: 37-38, fig. 14a-d.
 1971 *Callipallene phantoma amaxana*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 322.

- 1983 *Callipallene amaxana*, - NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **386**: 58.
 1986 *Callipallene amaxana*, - KIM, *Proc. Nat. Sci. Res. Inst. KANU*, **2** (1): 1-3,
 fig. 1a-g.
 1986 *Callipallene amaxana*, - KIM & HONG, *Kor. J. Syst. Zool.*, **2** (2): 38.
 1987 *Callipallene amaxana*, - HONG & KIM, *Kor. J. Syst. Zool.*, **3** (2): 153.
 1991 *Callipallene amaxana*, - NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **512**: 35-36.

Distribution: Japan; Korea; south to Straits of Malacca.
Depth range: 4-160m.

***Callipallene brevirostris* (JOHNSTON 1837)**

- 1837 *Pallene brevirostris* JOHNSTON, *Mag. Zool. Bot.*, **1**: 380, pl. 12, figs. 7-8.
 1840 *Pallene brevirostris*, - MILNE-EDWARDS, *Hist. Nat. des Crustacés...*, 3. *Ordre des Araneiformes ou Pycnogonides*: 534-535.
 1845 ?*Phoxichilus spinosus* QUATREFAGES, *Ann. Sci. Nat., Paris*, **3** (4): 41, pl. I, fig. 2a, pl. 2, fig. 1.
 1859 *Pallene brevirostris*, - FORBES, in: *Nat. Hist. of European Seas*: page?
 1869 *Pallene brevirostris*, - GRUBE, *Abh. Schles. Ges. Vaterländische Cultur, Breslau, 1868/1869*: 118-119, 125, pl. I, fig. 5a-c.
 1873 *Pallene* sp., - VERRILL, *Rep. U.S. Comm. Fish.*, **1**: 415.
 1877 *Pallene brevirostris*, - HOEK, *Niederl. Arch. Zool.*, **3**: 237-240, pl. XV, figs. 4-7, pl. XVI, figs. 14, 21-22.
 1878 *Pallene empusa* WILSON, *Trans. Conn. Acad. Arts & Sci.*, **5**: 9, pl. 3, fig. 2a-g.
 1880 *Pallene empusa*, - WILSON, *Rep. U.S. Fish. Comm.*, **6**: 476-477, pl. 2, figs. 5-7.
 1881 *Pallene brevirostris*, - HOEK, *Arch. Zool. Exp. Gén.*, **9**: 511-512, pl. XXVI, fig. 17, pl. XXIX, fig. 36.
 1881 *Pallene empusa*, - RATHBUN, *Proc. U.S. Natn. Mus.*, **3**: 118.
 1884 *Pallene brevirostris*, - HANSEN, in: *Zoologia Danica Afbildn. danske Dyr med populaer Text*, **4**: pl. VII, fig. 20.
 1884 *Pallene brevirostris*, - HANSEN, *Naturhist. Tidsskr., Kobenhavn*, **14** (3): 649.
 1885 *Pallene brevirostris*, - GOSSE, in: *Manual of Mar. Zool. Brit. Isles*: 120, fig. 192.
 1886 *Pallene brevirostris*, - HALHED, *Ann. Rep. Fauna Liverpool Bay and the Neighbouring Seas*, **1** (1): 230.
 1888 *Pallene brevirostris*, - SARS, *Arch. Math. Naturvidensk., Oslo*, **12**: ?page.
 1890 *Pallene brevirostris*, - TOPSENT, *Bull. Soc. Linéenne Normandie, Caen*, **2** (4): 62.
 1891 *Pallene empusa*, - MORGAN, *Stud. Biol. Lab. John Hopkins Univ., Baltimore*, **5** (1): 8-22.
 1891 *Pallene brevirostris*, - SARS, *Norw. North-Atl. Exped., 1876-1878*, **6** (Zool. 20): 32.
 1893 *Pallene brevirostris*, - MÖBIUS, *Sitz.-Ber. Preuss. Akad. Wiss. Berlin, 1893*: 86.
 1896 *Pallene brevirostris*, - HERDMAN, *Rep. 66th Meeting Brit. Ass. Adv. Sci.*: 442.
 1901 *Pallene brevirostris*, - COLE, *Biol. Bull. Woods Hole Mar. Biol. Lab.*, **2** (5): 195-207.
 1901 *Pallene brevirostris*, - MÖBIUS, *Fauna Arctica*, **2** (1): 50.
 1901 *Pallene brevirostris*, - d'ARCY THOMPSON, in: *The Cambr. Nat. Hist.*: 54.
 1904 *Pallene brevirostris*, - HALLEZ, *Arch. Zool. Exp. Gén.*, **3** (4) (Notes & Rev., 3): p. L.
 1908 *Pallene brevirostris*, - NORMAN, *J. Linn. Soc. Zool., London (Zool.)*, **30**:

- 204-205 [part].
- 1908 *Pallene brevirostris*, - SCHIMKEWITSCH, Ann. Mus. Zool. Acad. Imp. Sci. St.-Petersbourg, **13** (1908): 430.
- 1909 *Pallene brevirostris*, - d'ARCY THOMPSON, in: The Cambr. Nat. Hist.: 541, 542, fig. 275A, 285 8part.].
- 1910 *Pallene brevirostris*, - TESCH, Jaarbork Rijksinst. Onderzoek der Zee, 1909 (4): 51, 55.
- 1912 *Pallene brevirostris*, - LOMAN, Bull. Inst. Océanogr. Monaco, **238**: 8 [part].
- 1913 *Pallene brevirostris*, - SUMMER, OSBURNE & COLE, Bull. Bureau Fish., Washington, **31** (1): 677.
- 1918 *Pallene brevirostris*, - WIRÉN, Zoologisk Bidrag Uppsala, **6**: 42.
- 1923 *Pallene brevirostris*, - BOUVIER, Ann. Sci. Nat., Paris (Zool.), (10) **6** (3,4): 119 [part].
- 1923 *Pallene brevirostris*, - BOUVIER, Faune de France, **7**: 34-36, fig. 28.
- 1925 *Pallene brevirostris*, - FISH, Bull. Bureau Fish., Washington, **41**: 161.
- 1925 *Pallene brevirostris*, - MEISENHEIMER, Die Tierwelt der Nord- und Ostsee, **11**: 2, 5.
- 1927 *Pallene brevirostris*, - MEISENHEIMER, Die Tierwelt der Nord- und Ostsee (Nachtrag), **11a**: 14.
- 1928 *Pallene brevirostris*, - GILTAY, Bull. & Ann. Soc. Roy. Ent. Belg., **68** (9-10): 211-213, fig. 8.
- 1928 *Pallene brevirostris*, - LOMAN, Die Tierwelt Deutschlands, **8** (3): 79-80, fig. 7.
- 1930 *Pallene brevirostris*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 245-253, figs. 58-59 [part].
- 1932 *Pallene brevirostris*, - SCHLOTTKE, Wiss. Meeresunters. Kommiss. Wiss. Unters. der Deutschen Meere, Abt. Helgoland, (N.F.), **18** (9): 1-10.
- 1933 *Pallene brevirostris*, - STEPHENSEN, Danmarks Fauna, **38**: 33-35, fig. 10.
- 1935 *Pallene brevirostris*, - HELFER, Der Naturforscher: 268, fig. 130B, 178.
- 1936 *Pallene brevirostris*, - HELFER, Ministry of Commerce & Industry, Egypt, Notes & Mem., **16**: 2 [map].
- 1936 *Pallene brevirostris*, - STEPHENSEN, Bergens Mus. Arbok, 1935, Naturvidensk. Rekke, **7**: 24.
- 1936 *Pallene brevirostris*, - STEPHENSEN, Medd. Göteborgs Mus. Zool. Avd., **69**: 34-36, fig. 7.
- 1940 *Pallene brevirostris*, - FARAGGIANA, Boll. Mus. Zool. Anat. Comp. Real. Univ. Torino, (3) **48** (112): 2-4 [part].
- 1945 *Pallene brevirostris*, - LEBOUR, J. bar. biol. Ass. U.K., **26**: 144.
- 1948 *Callipallene brevirostris*, - CORREA, Pap. Avuls. Dept. Zool., S. Paulo, **9** (1): 6.
- 1948 *Callipallene brevirostris*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 202-203, fig. 18a.
- 1949 *Callipallene brevirostris*, - STOCK, Strand-Werk-Gemeenschap Tabellenser., **7**: 3, fig. 4.
- 1954 *Callipallene brevirostris brevirostris*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 115.
- 1954 *Callipallene brevirostris*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 43-44, fig. 18.
- 1955 *Callipallene brevirostris*, - BOURDILLON, Rev. Trav. Inst. Pêches Marit., **19** (4): 589.
- 1959 *Callipallene brevirostris*, - BACESCU, Rev. Biol. Acad. Rep. Pop. Roumanie, **4** (1): 127.
- 1970 *Callipallene brevirostris brevirostris*, - STOCK, "Meteor" Forschungs-Ergebnisse, Reihe D, No. **5**: 9.
- 1972 *Callipallene brevirostris*, - KING, J. nat. Hist., **6**: 621-622.
- 1974 *Callipallene brevirostris*, - KING, A Synopsis of the British Sea Spiders.

- Synopses of the British Fauna (New Ser.), **5**: 59 [key], 60-61, fig. 27.
- 1975 *Callipallene brevirostrum*, - STOCK, Bull. mar. Sci., **24** (4): 1010.
- 1976 *Callipallene brevirostris*, - ARNAUD, Acta Ecol. Iranica, **1**: 70.
- 1976 *Callipallene brevirostris*, - WOLFF, Netherlands J. Sea Res., **10** (4): 476-477, Fig. 4b (distribution in estuary).
- 1978 *Callipallene brevirostris*, - CHIMENZ-GUSSO, FRESI, CINELLI, MAZZELLA, PANSINI & PRONZATO, Mem. Biol. Mar. Ocean., **8** (4): 94-95, fig. 2.
- 1979 *Callipallene brevirostris*, - STOCK, Stud. Fauna Curaçao and other Caribb. IIs., **59** (184): 14.
- 1982 *Callipallene brevirostris*, - CHILD, -Smiths. Contr. Zool., **349**: 26.
- 1986 *Callipallene brevirostris*, - STOCK, Bull. mar. Sci., **38** (3): 403 tab. 1, 424.
- 1987 *Callipallene brevirostris*, - ARNAUD, Mesogee, **47**: 48-49
- 1987 *Callipallene brevirostris*, - STOCK, Cah. Biol. Mar., **28**: 512.
- 1992 *Callipallene brevirostris*, - CHILD, Mem. Hourglass Cruises, **9** (1): 59 [key], 60-61, fig. 27.

Distribution: N-Atlantic inclusive of Caribbean, Mediterranean; Black Sea; West Africa.

Depth range: 0-316m.

Habitat: in a variety of substrata.

***Callipallene bullata* NAKAMURA & CHILD 1991**

- 1991 *Callipallene bullata* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 36, fig. 13.

Distribution: Japan.

Depth range: 37-41m.

***Callipallene californiensis* (HALL 1913)**

- 1913 *Pallene californiensis* HALL, Univ. Calif. Publ. Zool., **11** (6): 131, 133-135, pl. 4, figs. 9-13.
- 1915 *Pallene californiensis*, - HILTON, J. Ent. Zool. Pomona College, **7** (1): 67.
- 1915 *Palene californiensis*, - HILTON, J. Ent. Zool. Pomona College, **7** (3): 204.
- 1916 *Pallene californiensis*, - HILTON, J. Comp. Neur., **26** (5): 465.
- 1920 *Pallene californiensis*, - HILTON, J. Ent. Zool. Pomona College, **12** (4): 93.
- 1939 *Palene californiensis*, - HILTON, J. Ent. Zool. Pomona College, **31** (2): 29.
- 1941 *Callipallene californiensis*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26): 257 [key], pl. 11.
- 1942 *Callipallene californiensis*, - HILTON, Rep. Allan Hancock Pac. Exped., **5** (9): 277, 281.
- 1942 *Callipallene californiensis*, - HILTON, J. Ent. Zool. Pomona College, **34** (2): 38.
- 1948 *Callipallene californiensis*, - CORRÉA, Pap. Avuls. Dept. Zool., S. Paulo, **9** (1): 6 [key].
- 1979 *Callipallene sollicitatus* CHILD, Smiths. Contr. Zool., **293**: 44-46, fig. 15.
- 1987 *Callipallene californiensis*, - CHILD, Proc. biol. Soc. Wash., **100** (3): 555.
- 1992 *Callipallene californiensis*, - CHILD, Smiths. Contr. Zool., **526**: 25.

Distribution: California; Pacific Coast of Mexico and Panamá; Galapagos Archipelago; Chile (Islas Juan Fernandez).

Depth range: shallow subtidal to 10m.

Habitat: under stones in channel.

***Callipallene conirostris* STOCK 1954**

1954 *Callipallene conirostris* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 39-41, figs. 16, 20f-g.

1971 *Callipallene conirostris*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 323.

Distribution: Japan.

Depth range: 146-220m.

***Callipallene cuspidata* STOCK 1954**

1954 *Callipallene cuspidata* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 37-39, fig. 15.

1991 *Callipallene cuspidata*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 36-38.

Distribution: Philippines; Japan.

Depth range: 300-732m.

***Callipallene dubiosa* HEDGPETH 1949**

1949 *Callipallene dubiosa* HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 275-277, fig. 35.

1954 *Callipallene dubiosa*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 41.

1957 *Callipallene dubiosa*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 88.

1965 *Callipallene dubiosa*, - UTINOMI, New Illustr. Fauna Japan, **2**: 335.

1971 *Callipallene dubiosa*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 322.

1983 *Callipallene dubiosa*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 58.

1984 *Callipallene dubiosa*, - KIM, J. Kangreung Natn. Univ., **7**: 535.

1986 *Callipallene dubiosa*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 38.

1987 *Callipallene dubiosa*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 153.

1990 *Callipallene dubiosa*, - MÜLLER, Bonn. zool. Beitr., **41** (1): 71.

1991 *Callipallene dubiosa*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 38.

1992 *Callipallene dubiosa*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 159.

Distribution: recorded from East Africa (Kenya, Zanzibar) to Japan and Korea.

Depth range: 1-46m.

Habitat: dead corals; rocky bottom.

***Callipallene emacinata* (DOHRN 1881)**

1881 *Pallene emacinata* DOHRN, Monogr. Fauna Flora Golf. Neapel, **3**: 193-196, pl. 14, figs. 10-21.

1885 *Pallene emacinata*, - CARUS, Prodromus faunae mediterraneae sive descriptio animalium maris Mediterranei incolarum, **2**: 287.

- 1908 *Pallene brevirostris*, - NORMAN, J. Linn. Soc. London (Zool.), **30**: 204-205 [part].
- 1909 *Pallene brevirostris*, - d'ARCY THOMPSON, The Cambridge Nat. Hist.: 541 [part.].
- 1912 *Pallene brevirostris*, - LOMAN, Bull. Inst. Océanogr., **238**: 8 [part.].
- 1923 *Pallene emacinata*, - BOUVIER, Ann. Sci. Nat., Paris (Zool.), (10), **6**, (3,4): 119 [part.].
- 1923 *Pallene emacinata*, - BOUVIER, Faune de France, **7**: 34, 36.
- 1929 *Pallene emacinata*, - GILTAY, Bull. & Ann. Soc. Roy. Ent. Belg., **69**: 172-173, fig. 1 [part.].
- 1930 *Pallene brevirostris*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 245-253 [part.].
- 1940 *Pallene brevirostris*, - FARAGGIANA, Boll. Mus. Zool. Anat. Comp. Real. Univ. Torino, (3) **48** (112): 2-4 [part.].
- 1948 *Callipallene emacinata*, - CORRÉA, Pap. Avuls. Dept. Zool., S. Paulo, **9** (1): 5, 7, 8.
- 1948 *Callipallene emacinata*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 204, fig. 18f-g.
- 1952 *Callipallene emacinata*, - STOCK, Beaufortia, **1** (13): 8-11, figs. 1-4, 7-8, 15-19.
- 1954 *Callipallene emacinata* ssp. *micracantha* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 44-46, figs. 19a-g, 20a-b.
- 1954 *Callipallene emacinata* subsp., - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 46-48, figs. 19h-i, 20c-e.
- 1958 *Callipallene emacinata emacinata*, - STOCK, Bull. Res. Council. Israel., **7B**: 137.
- 1963 *Callipallene emacinata micracantha*, - CLARK, Rec. Austr. Mus., **26** (1): 21-23, fig. 11A-I.
- 1974 *Callipallene emacinata*, - ARNAUD, Bull. Zool. Mus. Univ. Amsterdam, **3** (21): 175.
- 1974 *Callipallene emacinata*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 59 [key], 64.
- 1975 *Callipallene emacinata micracantha*, - CHILD, Smiths. Contr. Zool., **190**: 10.
- 1975 *Callipallene emacinata*, - KRAPP-SCHICKEL & KRAPP, Vie Milieu, (B) **25** (1): 16-17, 18-20 (tab. II), 23 (ecology).
- 1975 *Callipallene emacinata*, - STOCK, Bull. mar. Sci., **24** (4): 1011.
- 1976 *Callipallene emacinata*, - ARNAUD, Acta Ecol. Iranica, **1**: 70.
- 1979 *Callipallene emacinata*, - CHILD, Smiths. Contr. Zool., **293**: 41-42.
- 1981 *Callipallene emacinata emacinata*, - MUNILLA & de HARO, Bijdr. Dierk., **51** (2): 191-197, figs. 8, 11, tab. I (electrophoretic and immunological study).
- 1982 *Callipallene emacinata*, - CHILD, Smiths. Contr. mar. Sci., **12**: 365-366.
- 1984 *Callipallene emacinata emacinata*, - MUNILLA & de HARO, in: Els sistemes naturals de les illes Medes, ROS, OLIVELLA & GILI eds., Barcelona: 534-535, tab. III-IV.
- 1986 *Callipallene emacinata*, - STOCK, Bull. mar. Sci., **38** (3): 403 tab. 1.
- 1987 *Callipallene emacinata*, - ARNAUD, Mesogee, **47**: 49.
- 1987 *Callipallene emacinata*, - STOCK, Cah. Biol. Mar., **28**: 513.
- 1990 *Callipallene emacinata*, - MÜLLER, Bonn. zool. Beitr., **41** (3-4): 280.

Distribution: N-Atlantic. - Mediterranean Sea; Caribbean Sea.

Depth range: shallow water.

Habitat: in a variety of substrata, often on algae.

***Callipallene evelinae* MARCUS 1940**

- 1940 *Callipallene evelinae* MARCUS, Bolm. Fac. Fil., Cienc. Letr., Univ. S. Paulo, **4**: 31-33, figs. 2 A-D.
 1992 *Callipallene evelinae*, - STOCK, Tijdschr. Ent., **135**: 128, 139.

Distribution: Brazil.
Depth range: 0-130m.
Habitat: rocky shore, on *Dyctiota*.

***Callipallene gabriellae* CORRÉA 1948**

- 1948 *Callipallene gabriellae* CORRÉA, Pap. Avuls., Dept. Zool., S. Paulo, **9** (1): 1-4, figs. 1-6.
 1992 *Callipallene gabriellae*, - STOCK, Tijdschr. Ent., **135**: 128, 139.

Distribution: Brazil.
Depth range: infralittoral.
Habitat: seaweeds growing on rocks.

***Callipallene hastata* MEINERT 1899**

- 1899 *Pallene hastata* MEINERT, Danish Ingolf-Exped., **3** (1): 49, pl. IV, figs. 14-19.

Distribution: southern part of Davis Strait.
Depth range: 2626m.

***Callipallene kenyensis* MÜLLER 1990**

- 1990 *Callipallene kenyensis* MÜLLER, Bonn. zool. Beitr., **41** (1): 71-74, figs. 21-26.
 1992 *Callipallene gabriellae*, - STOCK, Bijdr. Dierk., **62** (2): 94.

Distribution: Kenya (Watamu area); Oman.
Depth range: 0-3m.
Habitat: dead corals covered with algae; also "under rocks and stones"; "on algae"; "tidal pools, on stones"; "from stones in tidal pools"; "muddy tidal flat with stones and algae" (STOCK).

Remarks: Species was erroneously considered conspecific with *C. gabriellae* from Brazil by STOCK (1992).

***Callipallene longicoxa* STOCK 1955**

- 1955 *Callipallene brevirostris longicoxa* STOCK, Vidensk. Medd. Dansk naturhist. Foren., **117**: 223-226, figs. 4-5.
 1982 *Callipallene belizae* CHILD, - Smiths. Contr. mar. Sci., **12**: 363-365, fig. 164.
 1986 *Callipallene longicoxa*, - STOCK, Bull. mar. Sci., **38** (3): 403 tab. 1, 424.

Distribution: Lesser Antilles, Belize and Florida.

Depth range: 18-549m.

Habitat: *Halimeda* and rubble, algae.

Callipallene margarita (GORDON 1932)

- 1932 *Pallene margarita* GORDON, Discovery Rep., **6**: 82-85, figs. 40-41.
 1948 *Callipallene margarita*, - CORRÉA, Pap. Avuls. Dept. Zool., S. Paulo, **9** (1): 6.
 1961 ?*Callipallene margarita*, - HEDGPETH, Lunds Univ. Arsskr., N.F., **2** (57): 3, 4, fig. 1.
 1982 *Callipallene margarita*, - CHILD, Smiths. Contr. Zool., **349**: 26.
 1992 *Callipallene margarita*, - STOCK, Tijdschr. Ent., **135**: 128, 139.

Distribution: along Argentine Shelf and Slope, Burdwood Bank, and South Georgia area; Golfo San Jorge, Argentina; Brazil.

Depth range: ?<120-2323m.

Callipallene novaezealandiae (THOMSON 1884)

- 1884 *Pallene novae-zealandiae* THOMSON, Trans. & Proc. N.Z. Inst., **16** (1883): 246-247, pl. 14, figs. 1-4.
 1904 *Pallene novae-zealandiae*, - HUTTON, Index Faunae N.Z.: 247.
 1954 *Callipallene brevirostris* ssp. *novae-zealandiae*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **386**: 48-50, fig. 21a-h.
 1972 *Callipallene brevirostris* cf. ssp. *novaezealandiae*, - ARNAUD, Tethys, Suppl. **3**: 162-163.
 1975 *Callipallene brevirostris novaezealandiae*, - CHILD, Smiths. Contr. Zool., **190**: 10.
 1976 *Callipallene brevirostrum* ssp. *novaezealandiae*, - STOCK, Trav. Mus. Hist. Nat. "Gr. Antipa", **16**: 132.
 1982 *Callipallene* sp. cf. *C. novaezealandiae*, - CHILD, Proc. biol. Soc. Wash., **95** (2): 277.
 1983 *Callipallene novaezealandiae*, - CHILD, Proc. biol. Soc. Wash., **96** (4): 708.
 1983 *Callipallene brevirostris novaezealandiae*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 58-59.
 1988 *Callipallene novaezealandiae*, - CHILD, Smiths. Contr. Zool., **468**: 21.
 1988 *Callipallene novaezealandiae*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (3): 664.
 1990 *Callipallene novaezealandiae*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierk., Dresden, **45** (10): 106.
 1991 *Callipallene novaezealandiae*, - CHILD, Proc. biol. Soc. Wash., **104** (1): 145.
 1991 *Callipallene novaezealandiae*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 38.

Distribution: from E-Africa (Tanzania) to the Philippines; Palau Islands; Ryukyus; Japan (Sagami Bay).

Depth range: 0.3-300m.

Habitat: various coral reef locations, often among seaweeds (*Thalassodendron ciliatum*, *Syringodium* et *Cymodocea serrulata*).

Callipallene pacifica (HEDGPETH 1939)

1939 *Pallene pacifica* HEDGPETH, Am. Midland Nat., **22** (2): 460-461, pl. 1, figs. f-i, pl. 2, figs. j-l.

Distribution: off S-California.

Depth range: 103m.

Habitat: "rock (?)" (HEDGPETH).

Callipallene panamensis CHILD 1979

1979 *Callipallene panamensis* CHILD, Smiths. Contr. Zool., **293**: 42-44, fig. 14.

1983 *Callipallene panamensis*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 59.

1991 *Callipallene panamensis*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 38.

Distribution: Panamá Pacific and Japan.

Depth range: littoral-39m.

Callipallene pectinata (CALMAN 1923)

1923 *Pallene pectinata* CALMAN, Rec. Indian Mus., **24** (3): 275-276, fig. 5.

1938 *Pallene pectinata*, - CALMAN, Sci. Rep. John Murray Exped., **5** (6): 154.

1948 *Callipallene pectinata*, - CORRÉA, Pap. Avuls. Dept. Zool., S. Paulo, **9** (1): 5 [key].

1964 *Callipallene pectinata*, - STOCK, Bull. Sea Fish. Res. Stat. Haifa, **35**: 28-31, figs. 2-4.

1972 *Callipallene pectinata*, - ARNAUD, Tethys, Suppl. **3**: 161.

1968 *Callipallene pectinata*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 38-39.

Distribution: Red Sea; Arabian Coast; Andaman Islands; Madagascar.

Depth range: 0.8-66m.

Habitat: from brown algae on dead *Acropora* corals.

Callipallene phantoma (DOHRN 1881)

1881 *Pallene phantoma* DOHRN, Monogr. Fauna Flora Golf. Neapel, **3**: 196, pl. 14, figs. 1-9.

1885 *Pallene phantoma*, - CARUS, Prodrromus faunae mediterraneae sive descriptio animalium maris Mediterranei incolarum, **2**: 287.

1908 *Pallene phantopa*, - NORMAN, J. Linn. Soc. London, (Zool.), **30**: 205.

1912 *Pallene phantoma*, - LOMAN, Bull. Inst. Océanogr. Monaco, **238**: 9.

1923 *Pallene phantoma*, - BOUVIER, Faune de France, **7**: 34, 37.

1934 *Pallene phantoma*, - GILTAY, Bull. Mus. Roy. d'Hist. Nat. Belg., **10** (35): 1-5.

1942 *Callipallene brevirostris*, - OHSHIMA, Proc. Imp. Acad., Tokyo, **18** (5): 257.

1948 *Callipallene phantoma*, - CORRÉA, Pap. Avuls. Dept. Zool., S. Paulo, **9** (1): 6, 8.

1948 *Callipallene phantoma*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 204, fig. 18b.

1952 *Callipallene phantoma*, - STOCK, Beaufortia, **1** (13): 3-4, figs. 12-14, 20-27

- [ssp. *phantoma*, *crinita*].
- 1953 *Callipallene phantoma*, - BACESCU, Bul. Stiint., Acad. Rep. Pop. Rom., Sect. de Stiint. Biol., Agr. Geol. si Geogr., **5** (2): 264.
- 1954 *Callipallene phantoma phantoma*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **24**: 116.
- 1962 *Callipallene phantoma*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 95.
- 1968 *Callipallene phantoma phantoma*, - STOCK, Vie Milieu, 19 (**1A**): 23, fig. 16.
- 1973 *Callipallene phantoma phantoma*, - KRAPP, Beaufortia, **21** (277): 73.
- 1974 *Callipallene phantoma*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 59 [key], 62-63, fig. 28.
- 1975 *Callipallene phantoma*, - KRAPP-SCHICKEL & KRAPP, Vie Milieu, (B) **25** (1): 17, 18-20 (tab. II), 22 (ecology).
- 1976 *Callipallene phantoma*, - ARNAUD, Acta Ecol. Iranica, **1**: 70.
- 1982 *Callipallene phantoma*, - CHILD, Smiths. Contr. Zool., **349**: 26.
- 1984 *Callipallene phantoma phantoma*, - MUNILLA & de HARO, in: Els sistemas de les illes Medes, ROS, OLIVELLA & GILI eds., Barcelona: 532, tab. I, 535, tab. IV.
- 1986 *Callipallene phantoma*, - STOCK, Bull. mar. Sci., **38** (3): 403 tab. 1.
- 1987 *Callipallene phantoma*, - ARNAUD, Mesogee, **47**: 49.
- 1987 *Callipallene phantoma*, - STOCK, Cah. Biol. Mar., **28**: 513.
- 1988 *Callipallene phantoma*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 137-138.
- 1989 *Callipallene phantoma phantoma*, - SCHÜLLER, Bonn. zool. Beitr., **40** (3/4): 287 [tab. 1], 289 [tab. 3], 292, fig. 4.

Distribution: N-Atlantic; Black Sea; Mediterranean to New England; Florida; Bahamas; Japan; North American Slope, S of Cape Cod; South Africa.

Depth range: 0-850m.

Habitat: in a variety of substrata, often on algae.

***Callipallene producta* (SARS 1888)**

- 1952 *Callipallene brevirostris producta*, - STOCK, Beaufortia, **13**: 6-7, figs. 9-11.
- 1978 *Callipallene producta*, - STOCK, Cah. Biol. Mar., **19**: 215.
- 1984 *Callipallene brevirostris producta*, - MUNILLA & de HARO, in: Els sistemas de les illes Medes, ROS, OLIVELLA & GILI eds., Barcelona: 533, 535, tab. II, IV.
- 1987 *Callipallene producta*, - STOCK, Cah. Biol. Mar., **28**: 513.
- 1990 *Callipallene producta*, - STOCK, Zool. Meded., **63** (16): 227.
- 1992 *Callipallene producta*, - STOCK, Tijdschr. Ent., **135**: 128, 139.

Distribution: NE-Atlantic, from Norway to Cape Verde Islands; Brazil.

Depth range: 70-1550m.

***Callipallene sagamiensis* NAKAMURA & CHILD 1983**

- 1983 *Callipallene sagamiensis* NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 59-61, fig. 20.
- 1986 *Callipallene sagamiensis*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 38, fig. 3a-h.
- 1987 *Callipallene sagamiensis*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 153.

- 1987 *Callipallene sagamiensis*, - NAKAMURA, Biol. Lab., Imperial Household: 9-10, pl. 7.
 1991 *Callipallene sagamiensis*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 38-39.

Distribution: Japan and Korea.
Depth range: 100-160m.

***Callipallene seychellensis* CHILD 1988**

- 1988 *Callipallene seychellensis* CHILD, Bull. biol. Soc. Wash., **8**: 61-65, fig. 4.

Distribution: Seychelles (Aldabra Atoll, Mahé Island).
Depth range: 0-6m.
Habitat: "dense *Halimeda* on dead coral"; "offshore, corallines"; "dead coral rubble" (CHILD).

***Callipallene spectrum* (DOHRN 1881)**

- 1975 *Callipallene spectrum*, - KRAPP-SCHICKEL & KRAPP, Vie Milieu, (B) **25** (1): 16-17, 18-20 (tab. II) (ecology).
 1984 *Callipallene emacinata spectrum*, - MUNILLA & de HARO, in: Els sistemes de les illes Medes, ROS, OLIVELLA & GILI eds., Barcelona: 532-533, tab. II, 535, tab. IV.
 1987 *Callipallene spectrum*, - ARNAUD, Mesogee, **47**: 49-50
 1989 *Callipallene emacinata spectrum*, - SCHÜLLER, Bonn. zool. Beitr., **40** (3/4): 287 [tab. 1], 289 [tab. 4], 291-294, fig. 3 (phenology).

Distribution: NE-Atlantic; Mediterranean Sea; ? Black Sea.
Depth range: 0-95m.
Habitat: often found on algae.

***Callipallene tiberi* (DOHRN 1881)**

- 1952 *Callipallene emacinata tiberi*, - STOCK, Beaufortia, **1** (13): 8-11, figs. 3, 4, 17, 18.
 1972 *Callipallene emacinata tiberi*, - KING, J. nat. Hist., **6**: 622.
 1975 *Callipallene tiberi*, - KRAPP-SCHICKEL & KRAPP, Vie Milieu, (B) **25** (1): 17, 18-20 (tab. II), 21-22 (ecology).
 1987 *Callipallene tiberi*, - ARNAUD, Mesogee, **47**: 50.
 1987 *Callipallene tiberi*, - STOCK, Cah. Biol. Mar., **28**: 513-514.
 1989 *Callipallene emacinata tiberi*, - SCHÜLLER, Bonn. zool. Beitr., **40** (3/4): 287 [tab. 1], 289 [tab. 5] (phenology).
 1990 *Callipallene tiberi*, - STOCK, Zool. Meded., **63** (16): 227-228.

Distribution: Scilly Islands; Mediterranean; Canary Islands; Portugal; Atlantic coasts of Europe.
Depth range: 0-523m.

Habitat: In a variety of substrata, often in algal vegetation; amongst *Alcyonidium* and tunicates on horizontal rock surface over sandy bottom; shell gravel; red seaweeds; amongst *Leparalia* and *Nemertesia* on boulders; above sandy

substrate and shelly sand; amongst sponges and tunicates.

***Callipallene tridens* NAKAMURA & CHILD 1988**

1988 *Callipallene tridens* NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (3): 664-667, fig. 1.

Distribution: Japan (Ryukyu Islands).

Depth range: 3m.

***Callipallene vexator* STOCK 1956**

1956 *Callipallene vexator* STOCK, Vidensk. Medd. dansk. naturhist. Foren., **118**: 79-81, fig. 4.

Distribution: South Africa.

Depth range: 64m.

Habitat: sandy mud.

***Cheilopallene* STOCK 1955**

1955 *Cheilopallene* STOCK, Vidensk. Medd. Dansk naturh. Foren., **117**: 230 [diagnosis, remarks].

1992 *Cheilopallene*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 159 [diagnosis, remarks, key to species].

***Cheilopallene brevichela* CLARK 1961**

1961 *Cheilopallene brevichela* CLARK, Ann. Mag. Nat. Hist., **13** (3): 293-296, figs. 8-14.

1992 *Cheilopallene brevichela*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 159 [key], 163 [text].

Distribution: Maldives.

Depth range: 30m.

Habitat: "from *Vermetes* colony in outer reef" (CLARK).

***Cheilopallene clavigera* STOCK 1955**

1955 *Cheilopallene clavigera* STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 231-233, figs. 8-9.

1986 *Cheilopallene clavigera*, - STOCK, Bull. mar. Sci., **38** (3): 403 tab. 1.

1992 *Cheilopallene clavigera*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 159 [key].

Distribution: Caribbean (Virgin Islands).

Depth range: 26-28m.

***Cheilopallene coralliophila* MÜLLER 1992**

- 1992 *Cheilopallene coralliophila* MÜLLER, Bonn. zool. Beitr., **43** (1): 159-163, figs. 12-17.

Distribution: Malaysia (Pulau Tioman).

Depth range: 1-3m.

Habitat: dead corals.

Cheilopallene gigantea CHILD 1987

- 1987 *Cheilopallene gigantea* CHILD, Proc. biol. Soc. Wash., **100** (4): 912-914, fig. 5.

- 1992 *Cheilopallene gigantea*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 159 [key].

Distribution: Antarctic (Palmer Peninsula, Weddell Sea; off Larsen Ice Shelf).

Depth range: 581-610m.

Cheilopallene hirta CHILD 1988

- 1988 *Cheilopallene hirta* CHILD, Bull. biol. Soc. Wash., **8**: 65-66, fig. 5.

- 1988 *Cheilopallene hirta*, - CHILD, Proc. biol. Soc. Wash., **101** (3): 667.

- 1992 *Cheilopallene hirta*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 159 [key].

Distribution: Japan (Ryukyu Islands), Seychelles (Aldabra Atoll).

Depth range: 0-21m.

Habitat: "channel edge, root mass and dead algae"; "rubble in hollows between coral heads"; "Reef crest"; "Seaward of reef crest, seagrass bed"; "coralline algae on beach rock"; "Lagoon..., algae on limestone pavement" (CHILD, 1988).

Cheilopallene nodulosa HONG & KIM 1987

- 1987 *Cheilopallene nodulosa* HONG & KIM, Kor. J. Syst. Zool., **3** (2): 153-155, fig. 12.

- 1990 *Cheilopallene nodulosa*, - CHILD, Proc. biol. Soc. Wash., **103** (2): 321.

- 1991 *Cheilopallene nodulosa*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 38.

- 1992 *Cheilopallene nodulosa*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 159 [key].

Distribution: Japan, Korea, Australian barrier reef (Lizard Island).

Depth range: 5-42m.

Habitat: rubble on the bottom of a cliff.

Cheilopallene trappa CLARK 1971

- 1972 *Cheilopallene trappa* CLARK, N.Z. J. Mar. Freshw. Res., **5** (2): 331-332, fig. 1A-J.

- 1977 *Cheilopallene trappa*, - CLARK, N.Z. J. Mar. Freshw. Res., **11** (1): 174.

- 1992 *Cheilopallene trappa*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 159 [key].

Distribution: New Zealand (Snares Islands).
Depth range: 16-81m.
Habitat: coarse shally sand; on *Caulerpa brownii*.

***Decachela* HILTON 1939**

1939 *Decachela* HILTON, J. Ent. Zool. Pomona College, **31** (2): 34 [diagnosis].

***Decachela discata* HILTON 1939**

1939 *Decachela discata* HILTON, J. Ent. Zool. Pomona College, **31** (2): 34.
 1942 *Decachela discata*, - HILTON, J. Ent. Zool. Pomona College, **34** (3): 70.
 1949 *Decachela discata*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 280.
 1971 *Decachela discata*, - UTINOMI, Publ. Seto Mart. Biol. Lab., **18** (5): 325.
 1991 *Decachela discata*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 39.

Distribution: California; Japan; Korea Strait.
Depth range: shallow water-180m.

***Decachela dogieli* LOSINA-LOSINSKY 1961**

1961 *Decachela dogieli* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 88.
 1987 *Decachela dogieli*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 155.

Distribution: Korea
Habitat: on starfish *Pteraster*; "from the ambulacral grooves of starfishes" (HONG & KIM).

***Hannonia* HOEK 1881**

1954 *Hannonia*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 123-124 [diagnosis, remarks].
 1993 *Hannonia*, - MUNILLA, J. mar. biol. Ass. U.K., **73**: 549 [key to species].

***Hannonia echinata* STOCK 1990**

1990 *Hannonia echinata* STOCK, Cah. Biol. Mar., **31**: 513-516, figs. 1-7.

Distribution: NE-Atlantic.
Depth range: 51m.
Habitat: "fond dur, riche en éponges, hydraires et tuniciers" (STOCK).

***Hannonia spinipes* STOCK 1956**

1956 *Hannonia spinipes* STOCK, Vidensk. Medd. dansk. naturhist. Foren., **118**: 89-92, fig. 12.

Distribution: South Africa.
Depth range: 64m.
Habitat: bottom with sponges and corals.

***Hannonia stocki* MUNILLA 1993**

1993 *Hannonia stocki* MUNILLA, J. mar. biol. Ass. U.K., **73**: 544-548, fig. 2.

Distribution: Gibraltar area.
Depth range: 76-80m.
Habitat: gravel and rocks.

***Hannonia typica* HOEK 1881**

- 1881 *Hannonia typica* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 92, pl. 14, figs. 8-11.
 1904 *Hannonia typica*, - LOMAN, Zool. Jb., **20** (4): 383, pl. 14, figs. 12-15.
 1910 *Hannonia typica*, - HODGSON, Denkschr. Med.-Nat. Ges. Jena, **16**: 227.
 1923 *Hannonia typica*, - LOMAN, Medd. Göteborgs Mus., Zool. Avd., **22** (6): 7.
 1927 *Hannonia typica*, - CALMAN, Trans. Zool. Soc. London, **22** (3): 410.
 1954 *Hannonia typica*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 124-125, fig. 18.
 1959 *Hannonia typica*, - STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 561.
 1962 *Hannonia typica*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 285.
 1970 *Hannonia typica*, - PENRITH & KENSLEY, Cimbebasia, (A), **1** (9): 232.

Distribution: Somalia; South Africa.
Depth range: 0-40m.
Habitat: on *Pocillopora* corals; sand banks at low tide; *Zostera* flats; sand and shells; Khaki mud; on rocky shores.

***Metapallene* SCHIMKEWITSCH 1909**

1954 *Metapallene*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 113-114 [diagnosis, remarks].

***Metapallene dubitans* (HODGSON 1910)**

- 1910 *Heteropallene dubitans* HODGSON, Denkschr. Med.-Nat. Ges. Jena, **16**: 226.
 1938 *Procidella gibber* HELFER, Sitz.-Ber. Ges. naturforsch. Freunde Berlin, 1937 (2): 172-174, fig. 5.
 1953 *Procidella gibber*, - STOCK, Beaufortia, **4** (35): 38-39, fig. 3a-e.
 1954 *Metapallene dubitans*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 114-115, fig. 14a.

Distribution: South Africa.

***Mimipallene* CHILD 1982**

1982 *Mimipallene* Child, Smiths. Contr. Zool., **349**: 27 [diagnosis, remarks].

Mimipallene atlantis CHILD 1982

1982 *Mimipallene atlantis* CHILD, Smiths. Contr. Zool., **349**: 27-29, fig. 8.

Distribution: Argentine Basin and Slope, off Rio de la Plata.

Depth range: 993-2323m.

Neopallene DOHRN 1881

1954 *Neopallene*, - Stock, Vidensk. Medd. Dansk naturh. Foren., **116**: 34 [diagnosis].

Neopallene antipoda STOCK 1954

1954 *Neopallene antipoda* STOCK, Vidensk. Medd. dansk. naturhist. Foren., **116**: 34-36, figs. 13-14.

Distribution: New Zealand (N.W. of Cape Maria van Diemen).

Depth range: 55m.

Habitat: hard bottom.

Neopallene azorensis ARNAUD 1974

1974 *Neopallene azorensis* ARNAUD, Bull. Zool. Mus. Univ. Amsterdam, **3** (21): 173-174, figs. 8-14.

Distribution: Azores.

Depth range: 1240-2100m.

Habitat: "fond de vase sableuse" (ARNAUD).

Neopallene campanellae DOHRN 1881

1881 *Neopallene campanellae* DOHRN, Monogr. Fauna Flora Golf. Neapel, **3**: 200-202, pl. XV, figs. 11-15.

1923 *Neopallene campanellae*, - BOUVIER, Faune de France, **7**: 32.

1987 *Neopallene campanellae*, - ARNAUD, Mesogee, **47**: 50.

Distribution: Mediterranean.

Depth range: 70-90m.

Habitat: "dans des algues Mélobésiées mortes et roulées ("Melobesien-Geröll")" (ARNAUD).

Oropallene SCHIMKEWITSCH 1930

1954 *Oropallene*, - Stock, Vidensk. Medd. Dansk naturh. Foren., **116**: 28-29 [diagnosis].

Oropallene dimorpha (HOEK 1898)

- 1898 *Pallene dimorpha* HOEK, Tijdschr. Nederl. Dierk. Ver., (2) **5** (2-4): 290-293, pl. II, figs. 1-6.
- 1930 *Oropallene dimorpha*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 245, 291-292.
- 1944 *Oropallene dimorpha*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 36.
- 1954 *Oropallene dimorpha*, - STOCK, Vidensk. Medd. dansk. naturhist. Foren., **116**: 29.
- 1987 *Oropallene dimorpha*, - CHILD, Proc. biol. Soc. Wash., **100** (4): 915.

Distribution: SW-Pacific, NE of Macquarie Island.
Depth range: 93-124m.

Oropallene minor CLARK 1963

- 1963 *Oropallene minor* CLARK, Rec. Austr. Mus., **26** (1): 18-21, fig. 10A-L.

Distribution: Australia.
Depth range: 39-144m.
Habitat: on mud and from conglomerate boulder.

Oropallene ovigerosetosus HILTON 1942

- 1942 *Oropallene ovigerosetosus* HILTON, Occ. Pap. Bernice P. Bishop Mus., **17** (3): 43-44, fig. 1.

Distribution: Hawaii.

Oropallene polaris HEDGPETH 1963

- 1963 *Oropallene polaris* HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1334-2336, fig. 8.

Distribution: Arctica (Pt. Barrow).
Depth range: 66m.
Habitat: rocks, stones.

Pallenoides STOCK 1951

- 1954 *Pallenoides*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 115 [diagnosis].
- 1955 *Pallenoides*, - Stock, Vidensk. Medd. Dansk naturh. Foren., **117**: 226-227 [remarks].
- 1975 *Pallenoides*, - Stock, Bull. mar. Sci., **24** (4): 1015 [key to species].

Pallenoides amazonica STOCK 1975

- 1975 *Pallenoides amazonica* STOCK, Bull. mar. Sci., **24** (4): 1012-1015, figs. 23-24.

1992 *Pallenoides amazonica*, - STOCK, Tijdschr. Ent., **135**: 129, 139.

Distribution: Brazil (near mouth of Amazonas Rivier; other records along the north coast of Brazil, between Amazonas and Fortaleza).

Depth range: 24-72m.

***Pallenoides magnicollis* STOCK 1951**

1951 *Pallenoides magnicollis* STOCK, Mem. Inst. Roy. Sci. Nat. Belg., **2** (43): 11-12, figs. 7-13.

1954 *Pallenoides magnicollis*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 115-116, fig. 14b-c.

Distribution: South Africa.

Depth range: 15m.

Habitat: among algae.

***Pallenoides opuntia* STOCK 1965**

1965 *Pallenoides opuntia* STOCK, Beaufortia, **13** (151): 24-26, figs. 28-37.

Distribution: Madagascar (region of Fort Dauphin).

Depth range: 50m.

Habitat: shelly sand.

***Pallenoides proboscideum* BARNARD 1955**

1955 *Pallenoides proboscideum* BARNARD, Ann. S. Afr. Mus., **43** (1): 105-106, fig. 53d-e.

Distribution: South Africa (Algoa Bay).

Depth range: 5-7m.

***Pallenoides spinulosa* STOCK 1955**

1955 *Pallenoides* (?) *spinulosa* STOCK, Vidensk. Medd. Dansk naturhist. Foren., **117**: 227-230, figs. 6-7.

1970 *Pallenoides spinulosa*, - CAPRILES, Caribb. J. Sci., **10** (1-2): 105.

1975 *Pallenoides spinulosa*, STOCK, Bull. mar. Sci., **24** (4): 1012.

1986 *Pallenoides spinulosa*, - STOCK, Bull. mar. Sci., **38** (3): 403 tab. 1.

Distribution: Caribbean.

Depth range: 28-586m.

Habitat: *Sargassum* on pilings.

***Pallenoides stylirostrum* STOCK 1973**

1973 *Pallenoides stylirostrum* STOCK, Beaufortia, **20** (266): 113-115, fig. 6.

Distribution: SE-Australia (West Island, Toad Head).
Depth range: 5m.
Habitat: on *Acrocarpia paniculata* (Phaeophyta).

***Parapallene* CARPENTER 1892**

- 1954 *Parapallene*, - BARNARD, Ann. S. Afr. Mus., **108** [diagnosis, key to South African species].
 1954 *Parapallene*, - Stock, Vidensk. Medd. Dansk naturh. Foren., **116**: 50 [diagnosis, remarks].
 1963 *Parapallene*, - CLARK, Rec. Austr. Mus., **26** (1): 31 [key to Australian species].
 1986 *Parapallene*, - STOCK, Bull. mar. Sci., **38** (3): 421 [remarks].
 1991 *Parapallene*, - STOCK, Mém. Mus. natn. Hist. nat., (A) **151**: 191-194 [key to species].
 1992 *Parapallene*, - CHILD, Mem. Hourglass Cruises, **9** (1): 61 [diagnosis].

***Parapallene algoae* BARNARD 1946**

- 1946 *Parapallene algoae* BARNARD, Ann. Mag. Nat. Hist., **13** (11): 61.
 1954 *Parapallene algoae* BARNARD, Ann. S. Afr. Mus., **41** (3): 112-113, fig. 12.
 1956 *Parapallene algoae*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 81-82, fig. 5.
 1962 *Parapallene algoae*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 284.
 1988 *Parapallene algoae*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 143.
 1991 *Parapallene algoae*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 194 [key].

Distribution: Southern Africa.
Depth range: 49-550m.
Habitat:

***Parapallene arnaudae* STOCK 1991**

- 1991 *Parapallene arnaudae* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 191, figs. 45-46, 193 [key].

Distribution: New Caledonia.
Depth range: 57m.

***Parapallene australiensis* (HOEK 1881)**

- 1881 *Pallene australiensis* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 76-78, pl. 11, figs. 1-7 [part.].
 1884 *Pallene australiensis*, - HASWELL, Proc. Linn. Soc. N.S.W., **9**: 1022.
 1892 *Parapallene australiensis*, - CARPENTER, Sci. Proc. Roy. Dublin Soc., **7** (5): 553.
 1908 *Parapallene australiensis*, - LOMAN, Siboga Exped. Monogr., **40**: 48.
 1937 *Parapallene australiensis*, - CALMAN, Ann. Mag. Nat. Hist., **10** (20): 531-532.
 1954 *Parapallene australiensis*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 50, fig. 24d-e.
 1963 *Parapallene australiensis*, - CLARK, Rec. Austr. Mus., **26** (1): 25-26.

- 1973 *Parapallene australiensis*, - STOCK, Beaufortia, **20** (266): 119.
 1975 *Parapallene australiensis*, - CHILD, Smiths. Contr. Zool., **190**: 12.
 1982 *Parapallene australiensis*, - STAPLES, Mem. Qd. Mus., **20** (3): 455.
 1991 *Parapallene australiensis*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 190, 194 [key].

Distribution: Australia, New Caledonia.

Depth range: 44-137m.

Habitat: sand, sponges and bryozoa; also found on the hydroid *Halopteris buski*.

***Parapallene avida* STOCK 1973**

- 1973 *Parapallene avida* STOCK, Beaufortia, **20** (266): 119-121, fig. 9.
 1973 *Parapallene avida*, - STOCK, Beaufortia, **21** (279): 92, 95-96, fig. 3a-c.
 1980 *Parapallene avida*, - HOOPER, Aust. Zool. **20** (3): 473-483 (reproductive biology).
 1991 *Parapallene avida*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 193 [key].

Distribution: Australia.

Depth range: 0-28m.

Habitat: red algae, from *Sargassum*, and in association with hydroids (*Aglaophenia plumosa*).

***Parapallene bermudensis* LEBOUR 1949**

- 1949 *Parapallene bermudensis* LEBOUR, Proc. Zool. Soc. London, **118** (4): 930.
 1982 *Parapallene bermudensis*, - STOCK, Smiths. Contr. mar. Sci., **12**: 366-367, fig. 165.
 1991 *Parapallene bermudensis*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 193 [key].
 1992 *Parapallene bermudensis?*, - CHILD, Mem. Hourglass Cruises, **9** (1): 59 [key], 61-62, fig. 28.

Distribution: Bermuda to Belize.

Depth range: 27-55m.

Habitat: coral, sand and rubble substrate from behind outer coral reef ridge.

***Parapallene calmani* FLYNN 1928**

- 1928 *Parapallene calmani* FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 16, figs. 7-8.
 1954 *Parapallene calmani*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 110-111, fig. 11.
 1962 *Parapallene calmani*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 284.
 1991 *Parapallene calmani*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 193 [key].

Distribution: Southern Africa.

Depth range: 37-86m.

Habitat: sand and rocks; sand and shells.

Parapallene capillata STOCK 1954

- 1954 *Parapallene capillata* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 52-57, figs. 22-23, 24a-c.
 1991 *Parapallene capillata*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 194 [key].

Distribution: Singapore.

Depth range: low tide.

Parapallene challenger CALMAN 1937

- 1937 *Parapallene challenger* CALMAN, Ann. Mag. Nat. Hist., **10** (20): 532-534, figs. 1-6.
 1991 *Parapallene challenger*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 193 [key].

Distribution: SE-Australia.

Depth range: 73 or 220m.

Parapallene exigua STOCK 1954

- 1954 *Parapallene exigua* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 57-59, fig. 25.
 1991 *Parapallene exigua*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 194 [key].

Distribution: New Zealand (Three Kings).

Depth range: 119m.

Habitat: hard bottom.

Parapallene famelica FLYNN 1929

- 1929 *Parapallene famelica* FLYNN, Mem. Qd. Mus., **9** (3): 258-260, figs. 6-9.
 1963 *Parapallene famelica* CLARK, Rec. Austr. Mus., **26** (1): 28, fig. 14A-G.
 1991 *Parapallene famelica*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 194 [key].

Distribution: E-Australia (off Port Philip; near Lindeman Island, Whitsunday Passage).

Depth range: 17m.

Parapallene haddoni CARPENTER 1892

- 1892 *Parapallene haddoni* CARPENTER, Sci. Proc. Roy. Dublin Soc., **7** (5) (40): 553-555, pl. 22, figs. 1-6.
 1908 *Parapallene haddoni*, - LOMAN, Siboga Exped. Monogr., **40**: 44.
 1963 *Parapallene haddoni*, - CLARK, Rec. Austr. Mus., **26** (1): 26-18, fig. 13A-J.
 1975 *Parapallene haddoni*, - CHILD, Smiths. Contr. Zool., **190**: 12.
 1991 *Parapallene haddoni*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 194 [key].

Distribution: Australia (Torres Straits; Holothuria Bank; Bluff Point; Rottneest Island).

Depth range: 27-139m.

***Parapallene hodgsoni* BARNARD 1946**

1946 *Parapallene hodgsoni* BARNARD, Ann. Mag. Nat. Hist., **13** (11): 61.

1954 *Parapallene hodgsoni*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 112-113, fig. 13.

1965 *Parapallene hodgsoni*, - STOCK, Beaufortia, **13** (151): 26-28, figs. 38-44.

1968 *Parapallene hodgsoni*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 39.

1991 *Parapallene hodgsoni*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 194 [key].

Distribution: Southern Africa; Madagascar (Fort Dauphin region); off Lorenzo Marquez.

Depth range: 22-73m.

Habitat: shelly sand; rocks.

***Parapallene hospitalis* LOMAN 1908**

1908 *Parapallene hospitalis* LOMAN, Siboga Exped. Monogr., **40**: 45-46, pl. VIII, figs. 102-111.

1923 *Parapallene hospitalis*, - CALMAN, Rec. Indian Mus., **24** (3): 278-279.

Distribution: SE-Asia.

Depth range: 82-88m.

***Parapallene invertichelata* ARNAUD & CHILD 1988**

1988 *Parapallene invertichelata* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 143-146, fig. 5.

1991 *Parapallene invertichelata*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 194 [key].

Distribution: South Africa (Zululand area).

Depth range: 550m.

***Parapallene longipes* CALMAN 1938**

1938 *Parapallene longipes* CALMAN, Sci. Rep. John Murray Exped., **5** (6): 156-159, figs. 5-6.

1990 *Parapallene longipes*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierk. Dresden, **45** (10): 106.

1991 *Parapallene longipes*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 194 [key].

1991 *Parapallene longipes*, - TURPAEVA, Zool. Zh., **70** (12): 39-41, fig. 3.

Distribution: self and slope of south-eastern Africa,

Zanzibar.

Depth range: 183-194m.***Parapallene nierstraszi* LOMAN 1908**

- 1908 *Parapallene nierstraszi* LOMAN, Siboga Exped. Monogr., **40**: 44-45, pl. IX, figs. 122-127.
- 1928 *Parapallene nierstaszi*, - FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep. 1): 18.
- 1938 *Parapallene nierstraszi*, - CALMAN, Sci. Rep. John Murray Exped., **5** (6): 158-159, fig. 7.
- 1954 *Parapallene nierstraszi*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 113.
- 1954 *Parapallene nierstraszi*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 52, fig. 24f.
- 1955 *Parapallene nierstraszi*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 18-19, fig. 10.
- 1971 *Parapallene nierstraszi*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 323.
- 1991 *Parapallene nierstraszi*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 41.
- 1991 *Parapallene nierstraszi*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 223.

Distribution: Japan, Philippines, Indonesia, Western Australia, South Africa.**Depth range:** 73-84m.**Habitat:** *Lithothamnion* bottom.***Parapallene obtusirostris* CLARK 1963**

- 1963 *Parapallene obtusirostris* CLARK, Rec. Austr. Mus., **26** (1): 29-31, fig. 15A-I.
- 1991 *Parapallene obtusirostris*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 194 [key].

Distribution: Australia (Port Philip, Victoria).***Parapallene parviunguicularis* STOCK 1986**

- 1986 *Parapallene parviunguicularis* STOCK, Bull. mar. Sci., **38** (3): 403 tab. 1, 421-424, fig. 7.
- 1991 *Parapallene parviunguicularis*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 193 [key].

Distribution: Florida.**Depth range:** 851-933m.***Parapallene spinosa* (MÖBIUS 1902)**

- 1902 *Anoplodactylus spinosus* MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. Valdivia, 1898-1899, **3**: 188-189, pl. 28, figs. 8-12.
- 1954 *Parapallene spinosa*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 108-110, fig. 10a-e.
- 1956 *Parapallene spinosa*, - STOCK, Vidensk. Medd. dansk naturhist. Foren, **118**:

82, fig. 6.

- 1962 *Parapallene spinosa*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 284.
 1991 *Parapallene spinosa*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 193
 [key].

Distribution: Southern Africa.
Depth range: 10-75m.
Habitat: sand.

Pigrogromitus CALMAN 1927

- 1992 *Pigrogromitus*, - CHILD, Mem. Hourglass Cruises, **9** (1): 62-64 [diagnosis].

Pigrogromitus timsanus CALMAN 1927

- 1927 *Pigrogromitus timsanus* CALMAN, Trans. Zool. Soc. London, **22** (3): 408-410,
 fig. 104a-f.
 1942 *Clotenopsa prima* HILTON, Occ. Pap. Bernice P. Bishop Mus., **17** (3): 52-53,
 fig. 8.
 1948 *Pigrogromitus timsanus*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 214-
 216, fig. 23.
 1968 *Pigrogromitus timsanus*, - STOCK, Vidensk. Medd. dansk naturhist. Foren.,
131: 46.
 1971 *Pigrogromitus timsanus*, - LIPKIN & SAFRIEL, - J. Ecol., **59** (1): 9.
 1972 *Pigrogromitus timsanus*, - ARNAUD, Tethys, Suppl., **3**: 159-160.
 1975 *Pigrogromitus timsanus*, - STOCK, Bull. mar. Sci., **24** (4): 1015-1016.
 1976 *Pigrogromitus timsanus*, - BIRKELAND, REIMER & YOUNG, Ecol. Res. Ser.: 134,
 158.
 1976 *Pigrogromitus timsanus*, - REIMER, Mar. Biol., **35**: 229.
 1979 *Pigrogromitus timsanus*, - CHILD, - Smiths. Contr. Zool., **293**: 46.
 1982 *Pigrogromitus timsanus*, - CHILD, Smiths. Contr. mar. Sci., **12**: 367-368.
 1982 *Pigrogromitus timsanus*, - STAPLES, Mem. Qd. Mus., **20** (3): 457.
 1986 *Pigrogromitus timsanus*, - STOCK, Bull. mar. Sci. **38** (3): 403 tab. 1.
 1987 *Pigrogromitus timsanus*, - ARNAUD, Mesogeeee, **47**: 80.
 1988 *Pigrogromitus timsanus*, - CHILD, Smiths. Contr. Zool., **468**: 21.
 1988 *Pigrogromitus timsanus*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (3):
 667.
 1989 *Pigrogromitus timsanus*, - STOCK, Bijdr. Dierk., **59** (2): 95.
 1990 *Pigrogromitus timsanus*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierk. Dres- den,
45 (9): 97-98.
 1990 *Pigrogromitus timsanus*, - MÜLLER, Bonn. zool. Beitr. **41** (1): 74.
 1990 *Pigrogromitus timsanus*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **103** (2):
 304-310.
 1991 *Pigrogromitus timsanus*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 194-
 195.
 1992 *Pigrogromitus timsanus*, - CHILD, Mem. Hourglass Cruises, **9** (1): 59 [key],
 64-65, fig. 29.
 1992 *Pigrogromitus timsanus*, - STOCK, Bijdr. Dierk., **62** (2): 93.

Distribution: primarily circumtropical, some records from
 subtropical areas.

Depth range: 0-108 (2050)m.

Habitat: in a variety of substrata, often among algae in

exposed locations; feeds on small anthozoans.

***Propallene* SCHIMKEWITSCH 1909**

- 1954 *Propallene*, - STOCK, Vidensk. Medd. Dansk naturh. Foren., **116**: 31 [diagnosis].
 1975 *Propallene*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **4** (11): 89-90 [remarks], 93 [diagnosis], 94 [key to species].
 1983 *Propallene*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 61 [key to Japanese species].

***Propallene ardua* STOCK 1975**

- 1975 *Propallene ardua* STOCK, Trav. Mus. Hist. Nat. "Gr. Antipa", **16**: 131-132.
 1975 *Propallene ardua*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **4** (11): 92-93, figs. 27-41.

Distribution: Tanzania.

Depth range: 0-24m.

Habitat: in *Syringodium* grass; sandy bottom, and washings of brown algae.

***Propallene crassimanus* STOCK 1959**

- 1959 *Propallene crassimanus* STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 559-561, fig. 5.
 1968 *Propallene crassimanus*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 37.
 1992 *Propallene crassimanus*, - STOCK, Bijdr. Dierk., **62** (2): 93-94, fig. 10.

Distribution: South Africa; off Lorenzo Marquez; Oman.

Depth range: 1-22m.

Habitat: sand, rocks, and algae.

***Propallene crinipes* STOCK 1968**

- 1968 *Propallene crinipes* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 35-37, fig. 13.

Distribution: Strait of Malacca.

***Propallene curtivalpus* CHILD 1988**

- 1988 *Propallene curtivalpus* CHILD, Smiths. Contr. Zool., **468**: 21-23, fig. 9.
 1988 *Propallene curtivalpus*, - CHILD, Proc. biol. Soc. Wash., **101** (3): 667-668.

Distribution: Japan (Ryukyu Islands); Philippines (Siquijor Island).

Depth range: 0-20m.

Habitat: coral rubble, sand, on mud flats.

***Propallene cyathus* STAPLES 1979**

- 1979 *Propallene cyathus* STAPLES, Trans. Roy. Soc. S. Austr., **103** (3-4): 85-90, figs. 1A-P, 2A-B.

Distribution: Australia (Bass Strait).

Depth range: 13m.

***Propallene kempi* (CALMAN 1923)**

- 1923 *Parapallene kempi* CALMAN, Rec. Indian Mus., **25** (3): 277-278, fig. 6.
 1937 *Propallene kempi*, - CALMAN, Ann. Mag. Nat. Hist., **20** (10): 534.
 1950 *Propallene kempi*, - GNANAMUTHU, Proc. Zool. Soc. Bengal, **3** (1): 39-47, figs. 1-4.
 1954 *Propallene kempi*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 33-34, fig. 12c-f.
 1972 *Propallene kempi*, - ARNAUD, Tethys, Suppl. **3**: 161-162, figs. 3-6.
 1975 *Propallene kempi*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **4** (11): 3.

Distribution: Gulf of Manaar, Waltair (Madras); Madagascar; Singapore.

Depth range: 0-4m.

Habitat: among weeds (*Diplanthera uninervis*; *Syringodium isoetifolium*; *Cymodocea serrulata*; *Halophila* cf. *minor*).

***Propallene longiceps* (BÖHM 1879)**

- 1879 *Pallene longiceps* BÖHM, Sitz.-Ber. Ges. naturforsch. Freunde Berlin, 1879 (4): 59-60.
 1881 *Pallene longiceps*, - HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 30.
 1890 *Pallene longiceps*, - ORTMANN, Zool. Jb. (Syst.), **5** (1): 165-166, pl. 24, fig. 7.
 1899 *Pallene longiceps*, - SHISHIDO, Dôzatsu, **11** (128): 199.
 1919 *Pallene longiceps*, - FUKUI, Rigakukai[?], **16** (2): 99.
 1930 *Pallene longiceps*, - OHSHIMA, Dôbutsugaku Zasshi, **42** (495): 34-35.
 1930 *Propallene longiceps*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 282-287.
 1933 *Pallene longiceps*, - OHSHIMA, Annot. Zool. Jap., **14** (2): 212-216, figs. 1-7.
 1933 *Pallene longiceps*, - OHSHIMA, Dôbutsugaku Zasshi, **45** (532-533): 96.
 1936 *Propallene longiceps*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 863.
 1954 *Propallene longiceps*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 31.
 1959 *Propallene longiceps*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 199.
 1962 *Propallene longiceps*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 96.
 1965 *Propallene longiceps*, - UTINOMI, New Illustr. Encyclopaedia Fauna Japan, **2**: 334.
 1971 *Propallene longiceps*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 321.
 1975 *Propallene longiceps*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **4** (11): 90-92, 94, figs. 1-20.

- 1980 *Propallene longiceps*, - NAKAMURA & SEKIGUCHI, Mar. Ecol., Progress Ser., **2**: 163-167, figs. 1-5 [mating behavior and oviposition].
- 1981 *Propallene longiceps*, - NAKAMURA, J. nat. Hist., **15**: 49-61, figs. 1-17 [post embryonic development].
- 1983 *Propallene longiceps*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 61-62.
- 1983 *Propallene longiceps*, - NAKAMURA & SEKIGUCHI, Bull. Biogeogr. Soc. Japan, **38** (6): 39.
- 1986 *Propallene longiceps*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 41, fig. 4a-1.
- 1987 *Propallene longiceps*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 158.
- 1987 *Propallene longiceps*, - NAKAMURA, Biol. Lab., Imperial Household: 14.
- 1988 *Propallene longiceps*, - NAKAMURA & CHILD, - Proc. biol. Soc. Wash., **101** (3): 668.
- 1991 *Propallene longiceps*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 41-42.

Distribution: Japan and Korea.

Depth range: 6-103m.

Habitat: gravel.

***Propallene saengeri* STAPLES 1979**

- 1979 *Propallene saengeri* STAPLES, Trans. Roy. Soc. S. Austr., **103** (3-4): 90-93, figs. 2D, 4A-L.
- 1982 *Propallene saengeri*, - STAPLES, Mem. Qd. Mus., **20** (3): 456.
- 1983 *Propallene saengeri*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 62.

Distribution: Australia and Japan.

Depth range: 4.8-30m.

Habitat: soft mud.

***Propallene similis* BARNARD 1955**

- 1955 *Propallene similis* BARNARD, Ann. S. Afr. Mus., **43** (1): 105.
- 1959 *Propallene similis*, - STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 558-559, fig. 4.

Distribution: South Africa.

Depth range: 9-10m.

Habitat: rock; sand, broken shell, and rocky patches.

***Propallene stocki* FAGE 1956**

- 1956 *Propallene stocki* FAGE, Bull. Mus. natn. Hist. nat., Paris, **2** (28) (3): 291-295, figs. 2-6.

Distribution: Sierra Leone.

***Propallene vagus* STAPLES 1979**

- 1979 *Propallene vagus* STAPLES, Trans. Roy. Soc. S. Austr., **103** (3-4): 88-90, figs. 2C, 3A-N.

Distribution: Australia (Port Phillip).

***Pseudopallene* WILSON 1878**

- 1943 *Pseudopallene*, - HEDGPETH, J. Wash. Acad. Sci., **33**: 88.
 1948 *Pseudopallene*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 205 [diagnosis, remarks, key to species].
 1948 *Cordylochele*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 206-207 [diagnosis, remarks, key to W-Atlantic species].
 1953 *Pseudopallene*, - Stock, Temminckia, **9**: 294-297 [remarks].
 1954 *Pseudopallene*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 107 [diagnosis, remarks].
 1954 *Pseudopallene*, - Stock, Vidensk. Medd. Dansk naturh. Foren., **116**: 61 [diagnosis].

***Pseudopallene ambigua* STOCK 1956**

- 1956 *Pseudopallene ambigua* STOCK, Mitt. Zool. Mus. Hamburg, **54**: 40-42, fig. 5.
 1963 *Pseudopallene ambigua*, - CLARK, Rec. Austr. Mus., **26** (1): 31-33, fig. 16A-F.
 1973 *Pseudopallene ambigua*, - STOCK, Beaufortia, **20** (266): 115-117, fig. 7.
 1973 *Pseudopallene ambigua*, - STOCK, Beaufortia, **21** (279): 92, 95.

Distribution: Australia.

Depth range: 3-126m.

Habitat: red algae, coralline algae, bryozoa.

***Pseudopallene brevicollis* (SARS 1891)**

- 1891 *Cordylochele brevicollis*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 51-54, pl. IV, fig. 3a-g.
 1933 *Cordylochele brevicollis*, - STEPHENSEN, Medd. Grönland, **79** (6): 25.

Distribution: Arctica. - Greenland; Iceland; Kara Sea; Barents Sea; Spitsbergen; Siberian Polar Sea.

Depth range: littoral-860m.

***Pseudopallene centrotus* Pushkin, 1990**

- 1990 *Pseudopallene centrotus* Pushkin, Zool., Zh., **69** (2): 155-157, pl. 1, figs. 1-7.

Distribution: Antarctica.

Depth range: 250m.

***Pseudopallene circularis* (GOODSIR 1842)**

- 1842 *Pallene circularis* GOODSIR, Edinburgh New Phil. J., **33**: 136, pl. 3.
 1853 *Pallene hispida*, STIMPSON, Smiths. Contr. Knowl., **6** (5): 37.
 1878 *Pseudopallene hispida*, - WILSON, Am. J. Sci., **15**: 200.

- 1878 *Pseudopallene hispida*, - WILSON, Trans. Conn. Acad. Arts & Sci., **5**: 10, pl. 3, fig. 1a-e.
- 1878 *Pseudopallene discoidea*, WILSON, Trans. Conn. Acad. & Sci., **5**: 12, pl. 3, fig. 3a-c.
- 1880 *Pseudopallene hispida*, - WILSON, Rep. U.S. Fish. Comm., **6**: 479-480, pl. 2, fig. 10.
- 1880 *Pseudopallene discoidea*, - WILSON, Rep. U.S. Fish. Comm., **6**: 479.
- 1891 *Pseudopallene circularis*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 38-42, pl. III, fig. 3a-h.
- 1899 *Pseudopallene circularis*, - MEINERT, Danish Ingolf-Exped., **3** (1): 50-51.
- 1901 *Pseudopallene hispida*, - WHITEAVES, Ann. Mag. Nat. Hist., **4** (10): 263.
- 1908 *Phoxichilus circularis*, - NORMAN, J. Linn. Soc. Lond. (Zool.), **30**: 207.
- 1933 *Pseudopallene circularis*, - STEPHENSEN, Medd. om Grönland, **79** (6): 20-21.
- 1938 *Spicularia discoidea*, - HELFER, Sitz.-Ber. Ges. naturforsch. Freunde Berlin, 1937 (2): 177-179, fig. 8.
- 1940 *Halosoma discoideum*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 46.
- 1943 *Pseudopallene circularis*, - HEDGPETH, J. Wash. Acad. Sci., **33**: 88.
- 1943 *Pseudopalene circularis*, - NEEDLER, Can. Atl. Fauna, **10**: 12, fig. 15a-d.
- 1948 *Pseudopallene circularis*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 206, fig. 19.
- 1963 *Pseudopallene circularis*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1333-1334.

Distribution: Boreal-Arctic, from Okhotsk Sea to NE-America, perhaps circumpolar.

Depth range: 10-135m.

Habitat: shells, hydroids.

Pseudopallene dubia CLARK 1963

- 1963 *Pseudopallene dubia* CLARK, Rec. Austr. Mus., **26** (1): 33-35, figs. 17A-H, 18A-B.

Distribution: Tasmania.

Depth range: shallow water.

Habitat: "in kelp weed" (CLARK).

Pseudopallene gilchristi FLYNN 1928

- 1928 *Pseudopallene gilchristi* FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 23, fig. 13.
- 1954 *Pseudopallene gilchristi*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 107.
- 1968 *Pseudopallene gilchristi*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 39, fig. 14e-g.
- 1988 *Pseudopallene gilchristi*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 146.

Distribution: apparently restricted to the Indian Ocean from Transkei and Port Natal to Lourenço Marques.

Depth range: 73-775m.

Pseudopallene glutus PUSHKIN 1975

1975 *Pseudopallene glutus* PUSHKIN, Zool. Zh., **54** (9): 1402-1404, fig. 1.

Distribution: subantarctic.
Depth range: 320m.

Pseudopallene longicollis (SARS 1888)

- 1888 *Cordylochele longicollis* SARS, Arch. Math. Naturvidensk., Oslo, **12**: 344.
1891 *Cordyloche longicollis*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 49-51, pl. IV, fig. 2a-g.
1933 *Cordylochele longicollis*, - STEPHENSEN, Medd. Grønland, **79** (6): 25-26.
1948 *Cordylochele longicollis*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 207-209, fig. 20b.

Distribution: NE-Atlantic, south of the Wyville Thomson Ridge and in Davis Strait.
Depth range: 494-1326m.

Pseudopallene malleolata (SARS 1879)

- 1879 *Pallene malleolata* SARS, Arch. Math. Naturvidensk., Kristiana, **4**: 48.
1883 *Pallene malleolata*, - HOEK, Trans. Roy. Soc. Edinburgh, **32**: 6-7, pl. I, fig. 7.
1891 *Cordylochele malleolata*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 45-49, pl. IV, fig. 1a-k.
1933 *Cordylochele malleolata*, - STEPHENSEN, Medd. Grønland, **79** (6): 25.
1936 *Cordylochele malleolata*, - STEPHENSEN, Bergens Mus. Arbok Naturv. Rek., **2**: 26-27.
1948 *Cordylochele malleolata*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 207.

Distribution: around Iceland, Spitsbergen, Faroes, Kara Sea; westward occurring in Denmark and Davis Straits to latitude 66°35'N.
Depth range: 348-1512m.

Pseudopallene pachycheira HASWELL 1884

- 1884 *Pallene pachycheira* HASWELL, Proc. Linn. Soc. N.S.W., **9**: 1030-1031, pl. LVII, figs. 6-9.
1908 *Parapallene pachycheira*, - LOMAN, Siboga Exped. Monogr., **40**: 47-48.
1918 *Pseudopallene pachycheira*, - FLYNN, Pap. Proc. Roy. Soc. Tasm., 1919: 77-79, pl. XIX, fig. 9, pl. XX, figs. 10-11.

Distribution: Australia (Port Jackson).
Depth range: shallow water.

Pseudopallene pacifica LOSINA-LOSINSKY 1961

- 1961 *Pseudopallene pacifica* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 77-78, fig. 10.

Distribution: NW-Pacific.
Depth range: 138m.

Pseudopallene spinipes (FABRICIUS 1780)

- 1891 *Pseudopallene spinipes* SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 42-44, pl. III, fig. 4a-g.
 1933 *Pseudopallene spinipes*, - STEPHENSEN, Medd. Grønland, **79** (6): 21.
 1936 *Pseudopallene spinipes*, - STEPHENSEN, Bergens. Mus. Arbok Naturv. Rek., **2**: 25.
 1943 *Pseudopallene spinipes*, - HEDGPETH, J. Wash. Acad. Sci., **33**: 88.
 1963 *Pseudopallene spinipes*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1334.

Distribution: Arctica, known from western Norway, Kara Sea, Franz Josef Land and West Greenland.

Depth range: sublittoral-380m.
Habitat: gravel; seaweed.

Pseudopallene zamboangae STOCK 1953

- 1953 *Pseudopallene zamboangae* STOCK, Temminckia, **9**: 297-300, figs. 12-13.
 1954 *Pseudopallene zamboangae*, - STOCK, Vidensk. Medd. dansk naturhist. Foren, **116**: 61-63, fig. 27d-f.
 1971 *Pseudopallene zamboangae*, - STOCK, Publ. Seto Mar. Biol. Lab., **18** (5): 323.
 1991 *Pseudopallene zamboangae*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 223.

Distribution: Kei Islands (Indonesia), Philippines.
Depth range: 17-84m.
Habitat: sand, corals.

Pycnothea LOMAN 1921

- 1921 *Pycnothea* LOMAN, Nat. Hist. Juan Fernandez, **3**: 137-138 [diagnosis].

Pycnothea flynni WILLIAMS 1940

- 1940 *Pycnothea flynni* WILLIAMS, J. Roy. Soc. W.-Australia, **25**: 202-204, figs. 6-9.
 1963 *Pycnothea flynni*, - CLARK, Rec. Austr. Mus., **26** (1): 46-48, fig. 23.
 1972 *Pycnothea flynni*, - ARNAUD, Tethys, Suppl. 3: 160-161, fig. 2.
 1973 *Pycnothea flynni*, - CLARK, Pac. Sci., **27** (1): 30.
 1973 *Pycnothea flynni*, - STOCK, Beaufortia, **266** (20): 121.
 1975 *Pycnothea flynni*, - CHILD, Smiths. Contr. Zool., **190**: 16.
 1980 *Pycnothea flynni*, - HOOPER, Aust. Zool., **20** (3): 475.

Distribution: Australia; New Britain; Madagascar.
Depth range: 0-2.5m.
Habitat: among algae (*Sargassum*; *Gelidium*); under rocks and stones; boulders with detritus.

Pycnothea selkirki LOMAN 1921

- 1921 *Pycnothea selkirkii* LOMAN, Nat. Hist. Juan Fernandez, **3**: 138-142, fig. 1A-F.
 1992 *Pycnothea selkirki*, - CHILD, Smiths. Contr. Zool., **526**: 30-31, fig. 12.

Distribution: Chile (Islas Juan Fernandez; Isla San Felix).
Depth range: 0-40m.
Habitat: on coralline algae.

Queubus BARNARD 1946

- 1954 *Queubus*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 156 [diagnosis, remarks].

Queubus jamesanus BARNARD 1946

- 1946 *Queubus jamesanus* BARNARD, Ann. Mag. Nat. Hist., **13** (11): 63.
 1954 *Queubus jamesanus*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 157-158, fig. 34.
 1955 *Queubus jamesanus*, - BARNARD, Ann. S. Afr. Mus., **43** (1): 107.
 1959 *Queubus jamesanus*, - STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 562-563.

Distribution: South Africa.
Depth range: shallow water, low tide.
Habitat: in pools under granite boulders.

Safropallene ARNAUD & CHILD 1988

- 1988 *Safropallene* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 147 [diagnosis, remarks].

Safropallene longimana ARNAUD & CHILD

- 1988 *Safropallene longimana* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 147-150, fig. 6.

Distribution: South Africa (Transkei and Durban areas)
Depth range: 710-850m.

Seguapallene PUSHKIN 1975

- 1975 *Seguapallene* PUSHKIN, Zool. Zh., **54** (9): 1404 [diagnosis].
 1983 *Seguapallene*, - Child, Proc. biol. Soc. Wash., **96** (4): 709 [diagnosis, remarks].

Seguapallene aculeata (STOCK 1954)

- 1954 *Parapallene*(?) *aculeata* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 59-61, figs. 26, 27a-c.

Distribution: W-Atlantic.

***Seguapallene crassa* CHILD 1990**

1990 *Seguapallene crassa* CHILD, Proc. biol. Soc. Wash., **103** (2): 321-324, fig. 4.

Distribution: Australia (Great Barrier Reef, Lizard Island).

Depth range: 2m.

Habitat: rubble bank; small rubble in sand; coral with *Halimeda* clumps and red algae.

***Seguapallene echinata* (CALMAN 1938)**

1938 *Parapallene echinata* CALMAN, Sci. Rep. John Murray Exped., **5** (6): 154-156, fig. 4A-E.

Distribution: Indian Ocean. - Arabian Coast.

Depth range: 40m.

***Seguapallene insignata* PUSHKIN 1975**

1975 *Seguapallene insignatus* PUSHKIN, Zool. Zh., **54** (9): 1404-1405, fig. 2.

1991 *Seguapallene insignata*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 190 [text].

Distribution: Kerguelen Islands.

Depth range: 3-30m.

***Seguapallene micronesica* CHILD 1983**

1983 *Seguapallene micronesica* CHILD, Proc. biol. Soc. Wash., **96** (4): 709-711, fig. 4.

1991 *Seguapallene micronesica*, - CHILD, Proc. biol. Soc. Wash., **104** (1): 145.

Distribution: Palau, SE Koror Island; Guam.

Depth range: 0.1-11 m.

Habitat: sea reef inside cove next to cave, from sponges; on dead branching coral.

***Seguapallene tricuspidata* STOCK 1991**

1991 *Seguapallene tricuspidata* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 188-190, fig. 44.

Distribution: New Caledonia.

Depth range: 570-610 m.

***Spasmopallene* STOCK 1968**

- 1968 *Spasmopallene* Stock, Vidensk. Medd. Dansk naturh. Foren., **131**: 39-40 [diagnosis, remarks].

Spasmopallene clarki STOCK 1968

- 1968 *Spasmopallene clarki* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 42-44, fig. 16.

Distribution: Great Australian Bight.

Depth range: 72m.

Habitat: corals.

Spasmopallene reflexa STOCK 1968

- 1968 *Spasmopallene reflexa* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 40-42, fig. 15.

Distribution: Great Australian Bight.

Depth range: 72m.

Habitat: corals.

Stylopallene CLARK 1963

- 1963 *Stylopallene* CLARK, Rec. Austr. Mus., **26** (1): 35-36 [diagnosis], 42 [key to species].

Stylopallene cheilorhynchus CLARK 1963

- 1963 *Stylopallene cheilorhynchus* CLARK, Rec. Austr. Mus., **26** (1): 36-38, fig. 19A-I.
 1973 *Stylopallene cheilorhynchus*, - STOCK, Beaufortia, **20** (266): 117.
 1973 *Stylopallene cheilorhynchus*, - STOCK, Beaufortia, **21** (279).

Distribution: Australia (Pearson Island; West Island; Tasmania).

Depth range: 12-90m.

Habitat: on bryozoans; in caves; on hydroids; among kelp.

Stylopallene dorsospinum CLARK 1963

- 1963 *Stylopallene dorsospinum* CLARK, Rec. Austr. Mus., **26** (1): 38-40, fig. 20A-I.

Distribution: Australia (Twofold Bay; near Botany Bay).

Depth range: 90-93m.

Stylopallene longicauda STOCK 1973

- 1973 *Stylopallene longicauda* STOCK, Beaufortia, **20** (266): 117-118, fig. 8.

Distribution: SE-Australia (Western Port).

Depth range: 10-20m.

Habitat: associated with *Amathea* sp. (Bryozoa).

Stylopallene tubirostrum CLARK 1963

- 1963 *Siphopallene tubirostris* CLARK, Rec. Austr. Mus., **26** (1): 40-42, fig. 21.
 1968 *Siphopallene tubirostris*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 45-46, fig. 17a-b.
 1973 *Siphopallene tubirostrum*, - STOCK, Beaufortia, **21** (279): 92, 96 fig. 3d.
 1975 *Stylopallene tubirostris*, - CHILD, Smiths. Contr. Zool., **190**: 15.

Distribution: Australia.

Depth range: 24m.

Habitat: on bryozoa; sand.

COLOSSENDEIDAE

- 1948 Colossendeidae, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 268 [diagnosis, remarks, key to NW-Atlantic genera].
 1954 Colossendeidae, - BARNARD, Ann. S. Afr. Mus., **41** (3): 84 [diagnosis, key to South African genera].
 1969 Colossendeidae, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 23-24 [diagnosis, remarks, key to genera].
 1986 Colossendeidae, - STOCK, Bull. mar. Sci., **38** (3): 416.

Colossendeis JARZYNSKY 1870

- 1927 *Colossendeis*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 310-312 [remarks, key to Antarctic species].
 1932 *Colossendeis*, - GORDON, Discovery Rep., **6**: 11-12 [remarks, key to species of *longitarsus*-group].
 1948 *Colossendeis*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 268-269 [diagnosis, key to W-Atlantic species].
 1954 *Colossendeis*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 84 [diagnosis, key to South African species].
 1969 *Colossendeis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 24-29 [diagnosis, general remarks, distribution], 28-29 [key to species occurring south of 40°S remarks on *megalonyx*-group].
 1986 *Colossendeis*, - STOCK, Bull. mar. Sci., **38** (3): 416-417 [remarks].

Colossendeis angusta SARS 1877

- 1877 *Colossendeis angusta* SARS, Arch. Math. Naturvidensk., Kristiana, **2**: 268-269.
 1881 *Colossendeis angusta*, - WILSON, Bull. Mus. Comp. Zool., Harvard, **8** (12): 243-244, pl. 3, figs. 8, 13.
 1885 *Colossendeis angusta*, - SMITH (in VERRILL), Rep. U.S. Comm. Fish., 1883: 560.
 1891 *Colossendeis angusta*, - SARS; Norw. North-Atl. Exped., 1876-1878, **6** (Zool.

- 20): 140-143, pl. 15, fig. 2a-f.
- 1891 *Colossendeis angusta*, - TOPSENT, Bull. Soc. Zool. France, **16**: 178.
- 1899 *Colossendeis angusta*, - MEINERT, Danish Ingolf-Exped., **3** (1): 59.
- 1902 *Colossendeis angusta*, - MÖBIUS, . Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 191.
- 1908 *Colossendeis angusta*, - LOMAN, Siboga Exped. Monogr., **40**: 22.
- 1908 *Colossendeis angusta*, - NORMAN, J. Linn. Soc. London (Zool.), **30**: 228.
- 1913 *Colossendeis angusta*, - OLSEN, Rep. Sci. Res. M. Sars North Atl. Deep Sea Exped., 1910, **3** (1) (Zool.): 3.
- 1917 *Colossendeis angusta*, - BOUVIER, Res. Campagnes Sci. accomplies sur son Yacht par Alber Ier Prince Souverain de Monaco, **51**: 8-9.
- 1930 *Colossendeis angusta*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 39.
- 1932 *Colossendeis angusta*, - GORDON, Discovery Rep., **6**: 12 [key].
- 1933 *Colossendeis angusta*, - STEPHENSEN, Medd. Grönland, **79** (6): 28-30, figs. 6-7.
- 1935 *Colossendeis angusta*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 293.
- 1935 *Colossendeis angusta*, - STEPHENSEN, Bergens Mus. Arbok, 1935, Naturvidensk. Rekke, **7**: 33.
- 1937 *Colossendeis angusta*, - BOUVIER, Ann. Sci. Nat., Paris, (Zool.), (10) **20** (1): 25-26.
- 1938 *Colossendeis angusta*, - CALMAN, Sci. Rep. John Murray Exped., 1933-34, **5** (6): 148-149.
- 1938 *Colossendeis angusta*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 8 [key].
- 1940 *Colossendeis angusta*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 110.
- 1943 *Colossendeis angusta*, - HILTON, J. Ent. Zool. Pomona College, **35** (1): 3.
- 1943 *Colossendeis angusta*, - NEEDLER, Can. Atl. Fauna, **10**: 5, fig. 2a-d.
- 1943 *Colossendeis angusta*, - STEPHENSEN, Medd. Grönland, **121** (8): 1.
- 1948 *Colossendeis angusta*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 269-271, fig. 50a.
- 1949 *Colossendeis angusta*, - HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 298-299.
- 1956 *Colossendeis angusta*, - FAGE, Galathea Rep., **2**: 175-176, fig. 15.
- 1963 *Colossendeis angusta*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1340-1341.
- 1964 *Colossendeis angusta*, - LOSINA-LOSINSKY, Trudy Arktichest. i Antarktichest. Nauchno-Issledov. Inst., Leningrad, **259**: 336.
- 1969 *Colossendeis angusta*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 52-53, figs. 7-8.
- 1980 *Colossendeis angusta*, - DANIEL & SEN, J. mar. biol. Ass. India, **17** (2) ("1975"): 165.
- 1982 *Colossendeis angusta*, - CHILD, Smiths. Contr. Zool., **349**: 50.
- 1983 *Colossendeis angusta*, - BAMBER, Zool. J. Linn. Soc., **77**: 70.
- 1987 *Colossendeis angusta*, - STOCK, Cah. Biol. Mar., **28**: 507.
- 1991 *Colossendeis angusta*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 62.
- 1992 *Colossendeis angusta*, - CHILD, Smiths. Contr. Zool., **526**: 41.

Distribution: apparently cosmopolitan in deep cold waters.

Depth range: 77-5480m.

Habitat: foraminifera and pteropod mud.

***Colossendeis arcuata* MILNE-EDWARDS 1885**

- 1885 *Colossendeis arcuata* MILNE-EDWARDS, in FILHOL, La vie au fond des mers. Les explor. sous-marines et les voyages du Travailleur et du Talisman: 151.
- 1886 *Colossendeis Titan* PERRIER, in: Les Expl. Sous-Marines, **17**: 302.
- 1913 *Colossendeis michaelisarsis* OHLSEN, Rep. Sci. Res. M. Sars North Atl. Deep Sea Exped., 1910, **3** (1) (Zool.): 4-5, figs. 1-4, pl. 1, fig. A.
- 1937 *Colossendeis arcuata* BOUVIER, Ann. Sci. Nat., Paris, (Zool.), (10) **20** (1): 26-30, figs. 2-8.
- 1948 *Colossendeis michaelisarsis*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 274-275, fig. 50f.
- 1956 *Colossendeis michaelisarsis*, - FAGE, Galathea Rep., **2**: 177.
- 1978 *Colossendeis arcuata*, - STOCK, Cah. Biol. Mar., **19**: 403-405, fig. 1g-j.
- 1983 *Colossendeis arcuata*, - BAMBER, Zool. J. Linn. Soc., **77**: 71.
- 1984 *Colossendeis arcuata*, - STOCK, J. mar. biol. Ass. U.K., **64**: 745.
- 1986 *Colossendeis arcuata*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1, 417-418.
- 1987 *Colossendeis arcuata*, - STOCK, Cah. Biol. Mar., **28**: 508.
- 1992 *Colossendeis angusta*, - CHILD, Smiths. Contr. Zool., **526**: 41.

Distribution: N- and W-Atlantic deep Basin waters; Chile.

Depth range: 730-2177m.

Habitat: shells, foraminifera, pteropods; foraminifera and pteropod mud.

***Colossendeis australis* HODGSON 1907**

- 1907 *Colossendeis australis* HODGSON, Rep. Natn. Antarct. Exped. 1901-1904, Nat. Hist., **3**: 59, pl. IX, fig. 1, pl. X, figs. 1-2.
- 1913 *Colossendeis australis*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 63-65, figs. 20-21.
- 1915 *Colossendeis australis*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 10 [key], 14-15.
- 1932 *Colossendeis australis*, - GORDON, Discovery Rep., **6**: 12, 15-16, figs. 2a, 3a, c, 4b.
- 1935 *Colossendeis australis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **3**: 293.
- 1938 *Colossendeis australis*, - GORDON. Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 8 [key].
- 1944 *Colossendeis australis*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 10.
- 1969 *Colossendeis australis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 49-50, figs. 7, 8, 10, 65-71.

Distribution: Arctic and subantarctic area.

Depth range: 91-640m.

***Colossendeis avidus* PUSHKIN 1970**

- 1970 *Colossendeis avidus* PUSHKIN, Zool. Zh., **49** (10): 1488-1490, fig. 1.

Distribution: Antarctica.

Depth range: 270m.

***Colossendeis bicincta* SCHIMKEWITSCH 1893**

- 1893 *Colossendeis bicincta* SCHIMKEWITSCH, Bull. Mus. Comp. Zool., Harvard, **25** (2): 27-29, pl. I, figs. 1-3.
 1978 *Colossendeis bicincta*, - STOCK, Cah. Biol. Mar., **19**: 409-411, figs. 1a-f, 3.
 1984 *Colossendeis bicincta*, - STOCK, J. mar. biol. Ass. U.K.: 745-746.
 1991 *Colossendeis bicincta*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 163.

Distribution: New Caledonia (Valufa Ridge, Lau Basin), W-coast of Panamá, NE-Atlantic.

Depth range: 1920-3058m.

***Colossendeis brevitarsis* LOSINA-LOSINSKY 1958**

- 1961 *Colossendeis brevitarsis*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 109.

Distribution: NW-Pacific (U.S.S.R.).

***Colossendeis bruuni* FAGE 1956**

- 1956 *Colossendeis bruuni* FAGE, Galathea Rep., **2**: 176-177, figs. 16-17.

Distribution: Kermadec Trench.

Depth range: 4390m.

***Colossendeis californica* HEDGPETH 1939**

- 1939 *Colossendeis californica* HEDGPETH, Am. Midl. Nat., **22** (2): 459-460, pl. 1, figs. a-e.

Distribution: off California.

Depth range: 330m.

Habitat: green mud.

***Colossendeis clavata* MEINERT 1899**

- 1899 *Colossendeis clavata* MEINERT, Danish Ingolf-Exped., **3** (1): 57-58, pl. 5, figs. 19-20.
 1917 *Colossendeis clavata*, - BOUVIER, Res. Camp. Sci. accomplies sur son Yacht par Albert Ier Prince Souverain de Monaco, **51**: 9-10.
 1937 *Colossendeis clavata*, - BOUVIER, Ann. Sci. Nat., Paris, (Zool.), **20** (10) (1): 26, fig. 1.
 1948 *Colossendeis clavata*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 273-274, fig. 50e.
 1978 *Colossendeis clavata*, - STOCK, J. mar. biol. Ass. U.K.: 746.
 1978 *Colossendeis clavata*, - STOCK, Cah. Biol. Mar., **19**: 399.
 1990 *Colossendeis clavata*, - STOCK, Zool. Meded., **63** (16): 219.

Distribution: N-Atlantic between Iceland and Cape Ortegal (Spain); Canary Islands; NW-Atlantic (U.S.A.).

Depth range: 994-3100m.

Habitat: deep-sea clay.

***Colossendeis colossea* WILSON 1881**

- 1881 *Colossendeis colossea* WILSON, Bull. Mus. Comp. Zool. Harv., **8** (12): 244-246, pl. 1, fig. 1, pl. 3, figs. 5-7.
- 1881 *Colossendeis colossea*, - HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 61-64, 147, pl. VIII, figs. 1-2, pl. X, figs. 1-5.
- 1881 *Colossendeis gigas* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 61-64, pl. VIII, figs. 1-2, pl. X, figs. 1-5, 147.
- 1885 *Colossendeis colossea*, - VERRILL, Rep. U.S. Comm. Fish., 1883: 560, fig. 169.
- 1891 *Colossendeis colossea*, - TOPSENT, Bull. Soc. Zool. France, **16**: 177.
- 1893 *Colossendeis colossea*, - SCHIMKEWITSCH, Bull. Mus. Comp. Zool., Harvard, **25** (2): 29.
- 1899 *Colossendeis colossea*, - MEINERT, Danish Ingolf-Exped., **3** (1): 58.
- 1908 *Colossendeis colossea*, - LOMAN, Siboga Exped. Monogr., **40**: 21.
- 1908 *Colossendeis colossea*, - NORMAN, J. Linn. Soc. London (Zool.), **30**: 229.
- 1909 *Colossendeis colossea*, - COLE, Bull. Mus. Comp. Zool., Harvard, **52** (11): 187.
- 1911 *Colossendeis colossea*, - LOMAN, Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-Naturwiss. Kl.), Suppl. **2** (4): 4.
- 1913 *Colossendeis colossea*, - OLSEN, Rep. Sci. Res. M. Sars North Atl. Deep Sea Exped., 1910, **3** (1) (Zool.): 4.
- 1913 *Colossendeis colossea*, - STEPHENSEN, Medd. Grönland, **52**: 409.
- 1917 *Colossendeis colossea*, - BOUVIER, Res. Campagnes Sci. accomplies sur son Yacht par Albert Ier Prince Souverain de Monaco, **51**: 13-16, pl. I, fig. 2, pl. II, fig. 1.
- 1923 *Colossendeis colossea*, - BOUVIER, Faune de France, **7**: 25.
- 1923 *Colossendeis colossea*, - CALMAN, Rec. Indian Mus., **24** (3): 266.
- 1928 *Colossendeis colossea*, - FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 7.
- 1935 *Colossendeis colossea*, - HELFER & SCHLOTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 293.
- 1936 *Colossendeis colossea*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 866-867.
- 1937 *Colossendeis colossea*, - BOUVIER, Ann. Sci. Nat., Paris, (Zool.), (10) **20** (1): 31-32.
- 1938 *Colossendeis colossea*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 12.
- 1940 *Colossendeis colossea*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 109, 112 [key].
- 1943 *Colossendeis colossea*, - HEDGPETH, Proc. New England Zool. Club., **22**: 55-56.
- 1943 *Colossendeis colossea*, - NEEDLER, Can. Atl. Fauna, **10**: 4, fig. 1a-c.
- 1944 *Colossendeis colossea*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 11.
- 1947 *Colossendeis gigas*, - OHSHIMA & KISHIDA, in: Illustr. Encyclopaedia Fauna Japan: 1009, fig. 2863.
- 1948 *Colossendeis colossea*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 271-272, fig. 50b.
- 1949 *Colossendeis colossea*, - HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 299.
- 1953 *Colossendeis colossea*, - STOCK, Temminckia, **9**: 311.
- 1954 *Colossendeis colossea*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 85.
- 1956 *Colossendeis colossea*, - FAGE, Galathea Rep., **2**: 178, fig. 21A.
- 1969 *Colossendeis colossea*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 53-54, fig. 8

- 1975 *Colossendeis colossea*, - STOCK, Bull. mar. Sci., **24** (4): 987.
 1983 *Colossendeis colossea*, - STOCK, Bull. Mus. natn. Hist. nat., Paris, (4) **5**
 (sec. A) (1): 300.
 1986 *Colossendeis colossea*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1, 418.
 1987 *Colossendeis colossea*, - STOCK, Cah. Biol. Mar., **28**: 508.
 1990 *Colossendeis colossea*, - STOCK, Zool. Meded., **63** (16): 219.
 1991 *Colossendeis colossea*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 62.
 1991 *Colossendeis colossea*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 163.
 1991 *Colossendeis colossea*, - TURPAEVA, Zool. Zh., **70** (12): 41.
 1991 *Colossendeis colossea*, - STOCK, Bull. Mus. natn. Hist. nat., 4e sér., **13**,
 sec. A, nos. 1-2: 137-138.
 1992 *Colossendeis colossea*, - CHILD, Smiths. Contr. Zool., **526**: 41-42.

Distribution: almost world-wide in the oceanic deep-sea basins.

Depth range: 800-4140m.

Habitat: shells, foraminifera, pteropods.

***Colossendeis cucurbita* COLE 1909**

- 1881 *Colossendeis gigas-leptorhynchus* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 65-66.
 1909 *Colossendeis cucurbita* COLE, Bull. Mus. Comp. Zool. Harvard College, **52**
 (11): 188-191, pl. 2, figs. 3-4, pl. 3, figs. 8-12.
 1937 *Colossendeis gigas-leptorhynchus*, - BOUVIER, Ann. Sci. Nat., Paris, (Zool.),
 (10) **20** (1): 32.
 1956 *Colossendeis cucurbita*, - FAGE, Galathea Rep., **2**: 178-179, fig. 21B.
 1971 *Colossendeis macerrima*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov,
 Akad. Nauk SSSR, **92**: 289.
 1975 *Colossendeis macerrima leptorhynchus*, - TURPAEVA, Trudy Inst. Okeanol P.P.
 Shirshov, Akad. Nauk SSSR, **103**: 234.
 1978 *Colossendeis cucurbita*, - STOCK, Cah. Biol. Mar., **19**: 406.
 1985 *Colossendeis cucurbita*, - BAMBER, Zool. J. Linn. Soc., **83**: 305.

Distribution: N-Atlantic and -Pacific.

Depth range: 3294-4400m.

***Colossendeis curtirostris* STOCK 1963**

- 1963 *Colossendeis curtirostris* STOCK, Ann. S. Afr. Mus., **46** (12): 330-332, fig.
 6b-h.

Distribution: South Africa.

Depth range: 2708m.

***Colossendeis drakei* CALMAN 1915**

- 1915 *Colossendeis drakei* CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool.,
3 (1): 11, 22-23, fig. 3.
 1932 *Colossendeis drakei*, - GORDON, Discovery Rep., **6**: 22-24, figs. 4c, 7e-f, 8b.
 1935 *Colossendeis drakei*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**
 (4) (2): 294.

- 1938 *Colossendeis drakei*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 8 [key].
- 1944 *Colossendeis drakei*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 10.
- 1969 *Colossendeis drakei*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 39-40, figs. 7, 8, 10, 34-39.

Distribution: Antarctic.

Depth range: 3-549m.

Colossendeis enigmatica TURPAEVA 1974

- 1974 *Colossendeis enigmatica* TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **98**: 301, fig. 12 (1-8).

Distribution: Antarctica.

Depth range: 315-335m.

Colossendeis gardineri CARPENTER 1908

- 1908 *Colossendeis gardineri* CARPENTER, Trans. Linn. Soc. London, **12** (2): 98-99, pl. 13, figs. 20-24.
- 1923 *Colossendeis gardineri*, - CALMAN, Rec. Indian Mus., **25** (3): 267-268.
- 1984 *Colossendeis gardineri*, - STOCK, Bull. Mus. natn. Hist. nat., Paris, (4) **6** (sec. A) (3): 705, figs. 7-9.
- 1986 *Colossendeis gardineri*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1, 417, fig. 5a-c.
- 1991 *Colossendeis gardineri*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 164.

Distribution: Indian Ocean (Saya de Malha Bank); Caribbean (off St. Vincent).

Depth range: 576-824m.

Colossendeis geoffroyi MANE-GARZON 1944

- 1944 *Colossendeis geoffroyi* MANE-GARZON, Comun. Zool. Mus. Hist. Nat. Montevideo, **1** (15): 1-6, figs. 1-5.
- 1966 *Colossendeis geoffroyi*, - STOCK, Ann. Inst. Oceanogr. Monaco, **44**: 396.
- 1992 *Colossendeis geoffroyi*, - STOCK, Tijdschr. Ent., **135**: 134-135, 139.

Distribution: SW-Atlantic.

Depth range: 65-130m.

Colossendeis gibbosa MÖBIUS 1902

- 1902 *Colossendeis gibbosa* MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 192-193, pl. XXX, figs. 1-5.

Distribution: Bouvet-Island.

Depth range: 439-567m.

***Colossendeis gracilis* HOEK 1881**

- 1881 *Colossendeis gracilis* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 69-70, pl. IX, figs. 6-8, pl. X, figs. 6-7.
 1963 *Colossendeis gracilis*, - STOCK, Ann. S. Afr. Mus., **46** (12): 330.
 1968 *Colossendeis gracilis*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 17.
 1975 *Colossendeis gracilis*, - STOCK, Bull. mar. Sci., **24** (4): 990.
 1990 *Colossendeis gracilis*, - STOCK, Zool. Meded., **63** (16): 220.
 1990 *Colossendeis gracilis*, - TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **126**: 114-115, fig. 4.

Distribution: worldwide in tropical areas and in the southern hemisphere.

Depth range: 1500-3200m.

***Colossendeis hoeki* GORDON 1944**

- 1944 *Colossendeis hoeki* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 8 [key], 11-13, fig. 2a-b.
 1969 *Colossendeis hoeki*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 51, figs. 7-8.

Distribution: Antarctica.

Depth range: 3112m.

***Colossendeis korotkevitschi* PUSHKIN 1984**

- 1984 *Colossendeis korotkevitschi* PUSHKIN, Zool. Zh., **63** (8): 1259-1261, figs. 1-11.

Distribution: off Kerguelen Islands and Crozet Islands, in Weddell Sea and near D'Urville Island.

Depth range: 132-660m.

***Colossendeis leptorhynchus* HOEK 1881**

- 1881 *Colossendeis leptorhynchus* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 64-65, pl. VIII, figs. 3-7.
 1970 *Colossendeis pennata* PUSHKIN, Zool. Zh., **49** (10): 1490-1492, fig. 2.
 1978 *Colossendeis leptorhynchus*, - STOCK, Cah. Biol. Mar., **19**: 402.
 1981 *Colossendeis leptorhynchus*, - STOCK, Cah. Biol. Mar., **22**: 454-455
 1983 *Colossendeis leptorhynchus*, - STOCK, Bull. Mus. natn. Hist. nat., Paris, (4) **5** (sec. A) (1): 299-300.
 1986 *Colossendeis leptorhynchus*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1, 417.
 1990 *Colossendeis leptorhynchus*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **103** (2): 308.
 1992 *Colossendeis leptorhynchus*, - CHILD, Smiths. Contr. Zool., **526**: 42.

Distribution: predominantly in the Southern Hemisphere;

probably cosmopolitan.

Depth range: 531-3675m.

***Colossendeis lilliei* CALMAN 1915**

- 1915 *Colossendeis lilliei* CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 25-27, fig. 4.
 1935 *Colossendeis lilliei*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 294.
 1838 *Colossendeis lilliei*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 11 [key].
 1944 *Colossendeis lilliei*, - Rep. Brit., Austr. and N.Z. Antarct. Exped., (B), **5** (1): 11.
 1969 *Colossendeis lilliei*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 43-45, figs. 7, 8, 10, 47-52.

Distribution: Antarctica.

Depth range: 110-1119m.

***Colossendeis longirostris* GORDON 1938**

- 1938 *Colossendeis longirostris* GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 8 [key], 9-10, fig. 1.
 1959 *Colossendeis longirostris*, - UTINOMI, Special Publ. Seto Mar. Biol. Lab. (= Contr. Seto Mar. Biol. Lab., **341**): 10-12, fig. 6.
 1969 *Colossendeis longirostris*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 42-43, figs. 7, 8, 45, 46.

Distribution: Antarctica.

Depth range: 2.5-2400m.

***Colossendeis macerrima* WILSON 1881**

- 1881 *Colossendeis macerrima* WILSON, Bull. Mus. Comp. Zool., Harvard, **8** (12): 246-247, pl. 1, fig. 2, pl. 4, figs. 9-12, pl. 5, fig. 32.
 1881 *Colossendeis macerrima*, - MILNE-EDWARDS, C.R. Hebd. Séanc. Acad. Sci., Paris, **93**: 933.
 1885 *Colossendeis macerrima*, - VERRILL, Rep. U.S. Comm. Fish., 1883: 560, fig. 170.
 1893 *Colossendeis macerrima*, - SCHIMKEWITSCH, Bull. Mus. Comp. Zool., Harvard, **25** (2): 30.
 1896 *Colossendeis leptorhynchus* var. *septentrionalis*, - CAULLERY, Ann. Univ. Lyon, **26**: 362.
 1898 *Colossendeis japonica* HOEK, Tijdschr. Nederl. Dierk. Ver., ser. 2, vol. **1**: 295-296, pl. III, figs. 11-13.
 1908 *Colossendeis macerrima*, - NORMAN, J. Linn. Soc. London (Zool.), **30**: 229.
 1915 *Colossendeis macerrima*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 11.
 1917 *Colossendeis macerrima*, - BOUVIER, Res. Campagnes Sci. accomplies sur son Yacht par Albert Ier Prince Souverain de Monaco, **51**: 10-13, pl. I, fig. 1, pl. III, figs. 1-2.
 1923 *Colossendeis macerrima*, - BOUVIER, Faune de France, **7**: 25.

- 1923 *Colossendeis macerrima*, - CALMAN, Rec. Indian Mus., **25** (3): 267-268.
- 1928 *Colossendeis macerrima*, - FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 7.
- 1935 *Colossendeis macerrima*, - Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 293.
- 1937 *Colossendeis gigas-leptorhynchus*, - BOUVIER, Ann. Sci. Nat., Paris, (Zool.), (10) **20** (1): 32.
- 1938 *Colossendeis macerrima*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 12.
- 1942 *Colossendeis macerrima*, - FAGE, Arch. Zool. Gen., **82** (Notes & Rev., 2): 75-76.
- 1948 *Colossendeis macerrima*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 273, fig. 50d.
- 1949 *Colossendeis japonica*, - HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 299-300, fig. 46a-d.
- 1949 *Colossendeis macerrima*, - HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 299.
- 1953 *Colossendeis macerrima*, - STOCK, Temmickia, **9**: 307, fig. 17e-h.
- 1954 *Colossendeis macerrima*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 85.
- 1956 *Colossendeis japonica*, - FAGE, Galathea Rep., **2**: 176.
- 1956 *Colossendeis macerrima*, - FAGE, Galathea Rep., **2**: 180.
- 1963 *Colossendeis macerrima*, - CLARK, Rec. Austr. Mus., **26** (1): 75-76.
- 1963 *Colossendeis macerrima*, - STOCK, Ann. S. Afr. Mus., **46** (12): 326.
- 1969 *Colossendeis macerrima*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 53, figs. 7-8.
- 1975 *Colossendeis macerrima*, - STOCK, Bull. mar. Sci., **24** (4): 985-987, fig. 11a-b.
- 1978 *Colossendeis macerrima*, - STOCK, Cah. Biol. Mar., **19**: 400-402, fig. 2m.
- 1980 *Colossendeis macerrima*, - DANIEL & SEN, J. mar. biol. Ass. India, **17** (2) ("1975"): 165.
- 1981 *Colossendeis macerrima*, - STOCK, Cah. Biol. Mar., **22**: 455.
- 1982 *Colossendeis macerrima*, - CHILD, Smiths. Contr. Zool., **349**: 51.
- 1983 *Colossendeis macerrima*, - BAMBER, - Zool. J. Linn. Soc., **77**: 71.
- 1984 *Colossendeis macerrima*, - STOCK, J. mar. biol. Ass. U.K., **64**: 746.
- 1986 *Colossendeis macerrima*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1, 417, fig. 5e.
- 1987 *Colossendeis macerrima*, - STOCK, Cah. Biol. Mar., **28**: 508.
- 1988 *Colossendeis macerrima*, - MUNILLA, Monogr. Zool. Mar., **3**: 185.
- 1990 *Colossendeis macerrima*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **103** (2): 309.
- 1990 *Colossendeis macerrima*, - STOCK, Zool. Meded., **63** (16): 220.
- 1991 *Colossendeis macerrima*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 62.
- 1991 *Colossendeis macerrima*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 163, 164.
- 1991 *Colossendeis macerrima*, - TURPAEVA, Zool. Zh., **70** (12): 41-42.
- 1991 *Colossendeis macerrima*, - STOCK, Bull. Mus. natn. Hist. nat., 4e sér., **13**, sec. A, nos. 1-2: 138.
- 1992 *Colossendeis macerrima*, - CHILD, Smiths. Contr. Zool., **526**: 42.

Distribution: cosmopolitan.

Depth range: 121-4000m.

Habitat: mud, clay, shells, foraminifera, pteropods; foraminifera and pteropod mud.

Additional synonymy: *Colossendeis spei*.

***Colossendeis media* HOEK 1881**

- 1881 *Colossendeis media* HOEK, Challenger Rep. (Zool., **3**): 71, pl. X, figs. 10-11.
 1881 *Colossendeis media* HOEK, Challenger Rep. (Zool., **3**): 72-73, pl. X, figs. 8-9
 1974 *Colossendeis media*, - TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **98**:
 297, fig. 11.

Distribution: Antarctica.
Depth range: 4072-4850m.
Habitat: mud.

Colossendeis megalonyx HOEK 1881

- 1881 *Colossendeis megalonyx* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3**
 (10): 67-69, pl. IX, figs. 1-3.
 1902 *Colossendeis frigida* HODGSON, Rep. Natn. Antarct. Exped. 1901-1904, Nat.
 Hist., **3**: 63.
 1907 *Colossendeis rugosa* HODGSON, Rep. Natn. Antarct. Exped. 1901-1904, Nat.
 Hist., **3**: 64, pl. IX, fig. 3, pl. X, figs. 5-6.
 1908 *Colossendeis orcadense*, - HODGSON, Trans. Roy. Soc. Edinburgh, **46** (1) (6):
 184.
 1915 *Colossendeis megalonyx*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910,
 Zool., **3** (1): 15-16.
 1915 *Colossendeis rugosa*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910,
 Zool., **3** (1): 16-17.
 1915 *Colossendeis frigida*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910,
 Zool. **3** (1): 17-18.
 1923 *Colossendeis frigida*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1**
 (2): 7.
 1932 *Colossendeis rugosa*, - GORDON, Discovery Rep., **6**: 12, 17.
 1932 *Colossendeis frigida*, - GORDON, Discovery Rep., **6**: 16-18, figs. 5a-b, 6a, d,
 7c-d.
 1932 *Colossendeis scoresbii* GORDON, Discovery Rep., **6**: 18-21, figs. 5c, 6b-c, 7a-
 b.
 1935 *Colossendeis frigida*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**
 (4) (2): 293.
 1935 *Colossendeis megalonyx*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs,
5 (4) (2): 293.
 1935 *Colossendeis rugosa*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**
 (4) (2): 293.
 1935 *Colossendeis orcadense*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs,
5 (4) (2): 294.
 1944 *Colossendeis frigida*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res.
 Exped., (B), **5** (1): 10.
 1956 *Colossendeis megalonyx*, - FAGE, Galathea Rep., **2**: 177-178, figs. 18-20.
 1963 *Colossendeis orcadensis*, - STOCK, Ann. S. Afr. Mus., **46** (12): 334.
 1969 *Colossendeis megalonyx*, - ARNAUD, Les Terres Antarct. Françaises, **47**: 36.
 1969 *Colossendeis megalonyx*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 30-
 32, figs. 7-8, 11-16, 23.
 1969 *Colossendeis megalonyx megalonyx*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst.
 Mem., **49**: 30.
 1969 *Colossendeis megalonyx scoresbii*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst.
 Mem., **49**: 32.
 1969 *Colossendeis megalonyx arundorostri*, - FRY & HEDGPETH, - N.Z. Oceanogr.
 Inst. Mem., **49**: 33.
 1969 *Colossendeis megalonyx orcadense*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst.
 Mem., **49**: 34.

- 1969 *Colossendeis megalonyx megalonyx*, - HEDGPETH, Antarct. Map Folio Ser. Am. Geogr. Soc., Folio **11**: 27.
- 1972 *Colossendeis megalonyx megalonyx*, - ARNAUD, Bull. Mus. natn. Hist. nat., (3) **51** (65): 805-806.
- 1972 *Colossendeis megalonyx*, - ARNAUD, Téthys, suppl. **4**: 145.
- 1980 *Colossendeis m. megalonyx*, - KRAPP, Bull. Inst. Roy. Sci. Nat. Belg., **52** (18): 7.
- 1991 *Colossendeis megalonyx orcadense*, - TURPAEVA, Zool. Zh., **70** (12): 42.

Distribution: Antarctic, subantarctic area; extending to the southern coast of South Africa and America.

Depth range: 128-3410m.

***Colossendeis melancholicus* STOCK 1975**

- 1975 *Colossendeis melancholicus* STOCK, Bull. mar. Sci., **24** (4): 988-990, figs. 11c-f, 12.
- 1986 *Colossendeis melancholicus*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1.

Distribution: Grand Bahama.

Depth range: 779m.

***Colossendeis mica* PUSHKIN 1970**

- 1970 *Colossendeis mica* PUSHKIN, Zool. Zh., **49** (10): 1492-1494, fig. 3.
- 1991 *Colossendeis mica*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 164.

Distribution: Antarctica.

Depth range: 1400m.

***Colossendeis minor* SCHIMKEWITSCH 1893**

- 1893 *Colossendeis macerrima minor* SCHIMKEWITSCH, Bull. Mus. Comp. Zool., Harvard, **25** (2): 30-32, pl. I, figs. 7-10, pl. II, figs. 14-15
- 1917 *Colossendeis macerrima*, - BOUVIER, Res. Campagnes Sci. accomplies sur son Yacht par Albert Ier Prince Souverain de Monaco, **51**: 10-13
- 1971 *Colossendeis macerrima minor*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **92**: 289-290, pl. 7, 6-7.
- 1975 *Colossendeis macerrima*, - STOCK, Bull. mar. Sci., **24** (4): 985-987 (Pillsbury stat. 526 only).
- 1984 *Colossendeis minor*, - STOCK, Bull. Mus. natn. Hist. nat., Paris, (4) **6** (sec. A) (3): 702-704, figs. 1-6.
- 1991 *Colossendeis minor*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 163-164.
- 1991 *Colossendeis minor*, - TURPAEVA, Zool. Zh., **70** (12): 42.

Distribution: eastern tropical Pacific off Central and South America; Mid Indian Basin; south-eastern Madagascar.

Depth range: 1035-3344m.

***Colossendeis minuta* HOEK 1881**

- 1881 *Colossendeis minuta* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 73-74, pl. X, figs. 12-14.
 1893 *Colossendeis minuta*, - SCHIMKEWITSCH. Bull. Mus. Comp. Zool., Harvard, **25** (2): 34.
 1898 *Colossendeis japonica* HOEK, Tijdschr. Nederl. Dierk. Ver., (2) **5** (2-4): 295.
 1944 *Colossendeis minuta*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 13.
 1948 *Colossendeis minuta*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 272, fig. 50c.
 1963 *Colossendeis minuta*, - STOCK, Ann. S. Afr. Mus., **46** (12): 326-328, fig. 4.
 1975 *Colossendeis minuta*, - STOCK, Bull. mar. Sci., **24** (4): 987.
 1975 *Colossendeis minuta*, - TUIRPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **103**: 241.
 1990 *Colossendeis minuta*, - STOCK, Zool. Meded., **63** (16): 221.

Distribution: Atlantic.
Depth range: 2000-3200m.

***Colossendeis nasuta* HEDGPETH 1949**

- 1949 *Colossendeis nasuta* HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 302-303, fig. 46e-h.
 1955 *Colossendeis nasuta*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 35-36, fig. 21.

Distribution: Japan.
Depth range: 519-716m.

***Colossendeis oculifera* STOCK 1963**

- 1963 *Colossendeis oculifera* STOCK, Ann. S. Afr. Mus., **46** (12): 328-330, fig. 5.

Distribution: South Africa.

***Colossendeis pipetta* STOCK 1991**

- 1991 *Colossendeis pipetta* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 164-166, fig. 28.

Distribution: New Caledonia, Chesterfield Islands, Loyality Islands.
Depth range: 270-1475m.

***Colossendeis proboscidea* (SABINE 1824)**

- 1824 *Phoxichilus proboscideus* SABINE, Suppl. to Append. of Capt. Parry's Voyage in the years 1819-20: p. CCXXVI.
 1881 *Anomorhynchus Smithii* MIERS, Ann. Mag. Nat. Hist., **5** (7): 50-51, pl. VII, figs. 6-8.
 1899 *Colossendeis proboscidea*, - MEINERT, Danish Ingolf-Exped., **3** (1): 57.
 1933 *Colossendeis proboscidea*, - STEPHENSEN, Medd. Gronl., **79** (6): 28, fig. 6.

- 1936 *Colossendeis proboscidea*, - STEPHENSEN, Bergens Mus. Arbok Naturv. Rek., **2**: 32-33.
 1943 *Colossendeis proboscidea*, - HEDGPETH, J. Wash. Acad. Sci., **33**: 88-89.
 1963 *Colossendeis proboscidea*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1340.

Distribution: high Arctic area, possibly circumpolar.

Depth range: shallow water to about 915m.

Colossendeis robusta HOEK 1881

- 1881 *Colossendeis robusta* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 66-67, pl. IX, figs. 4-5.
 1902 *Colossendeis robusta*, - MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 190, pl. XXIX, figs. 1-5.
 1907 *Colossendeis glacialis* HODGSON, Rep. Natn. Antarct. Exped., 1901-1904, Nat. Hist., **3**: 61, pl. IX, fig. 2, pl. X, figs. 3-4.
 1911 *Colossendeis gracilipes* BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **152**: 1137.
 1913 *Colossendeis gracilipes*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 58-63, figs. 12-19.
 1913 *Colossendeis robusta*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 54-58, figs. 8-11.
 1915 *Colossendeis glacialis*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 20-22.
 1915 *Colossendeis robusta*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 24.
 1932 *Colossendeis glacialis*, - GORDON, Discovery Rep., **6**: 21-22, figs. 4d, 7g, 8a.
 1932 *Colossendeis robusta*, - GORDON, Discovery Rep., **6**: 12 [key].
 1935 *Colossendeis glacialis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 293.
 1935 *Colossendeis gracilipes*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 293.
 1935 *Colossendeis robusta*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 293.
 1938 *Colossendeis glacialis*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 8 [key].
 1938 *Colossendeis robusta*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 8 [key].
 1944 *Colossendeis glacialis*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 10.
 1969 *Colossendeis robusta*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 35-38, figs. 7, 8, 10, 24-31.

Distribution: Antarctic and subantarctic area.

Depth range: 0.3-3610m.

Colossendeis scotti CALMAN 1915

- 1915 *Colossendeis scotti* CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 10 [key], 11-13, fig. 1.
 1932 *Colossendeis scotti*, - GORDON, Discovery Rep., **6**: 11 [key], 12.
 1935 *Colossendeis scotti*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**

(4) (2): 294.

- 1938 *Colossendeis scotti*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 8 [key], 12.
 1969 *Colossendeis scotti*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 45-47, figs. 7, 8, 10, 53-58.
 1974 *Colossendeis scotti*, - TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **98**: 299, fig. 12 (9-11).

Distribution: Antarctica.

Depth range: 36-250m.

***Colossendeis smirnovi* PUSHKIN 1988**

- 1988 *Colossendeis smirnovi* PUSHKIN, Zool. Zh., **67** (6): 953-955, figs. 1-8.

Distribution: southern Oceans.

Depth range: 750-1070m.

***Colossendeis stramenti* FRY & HEDGPETH 1969**

- 1969 *Colossendeis stramenti* FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 38-40, figs. 32-33.

Distribution: Magellanic region.

Depth range: 645-845m.

***Colossendeis subminuta* SCHIMKEWITSCH 1893**

- 1893 *Colossendeis subminuta* SCHIMKEWITSCH, Bull. Mus. Comp. Zool., **25** (2): 33-36, pl. II, figs. 26-27.

Distribution: W-coast of America, south of Cocos-Island.

Depth range: 2150m.

***Colossendeis tethya* TURPAEVA 1974**

- 1974 *Colossendeis tethya* TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **98**: 302-303, fig. 13.

Distribution: Antarctica.

***Colossendeis tortipalpis* GORDON 1932**

- 1932 *Colossendeis tortipalpis* GORDON, Discovery Rep., **6**: 12-15, figs. 2b-e, 3b, d, 4a.
 1935 *Colossendeis tortipalpis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 294.
 1944 *Colossendeis tortipalpis*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 9-10.
 1969 *Colossendeis tortipalpis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**:

41-43, figs. 7, 8, 10, 40-45.

Distribution: Antarctica.

Depth range: 219-1400m.

***Colossendeis wilsoni* CALMAN 1915**

- 1915 *Colossendeis wilsoni* CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 11 [key], 18-20, fig. 2.
 1932 *Colossendeis wilsoni*, - GORDON, Discovery Rep., **6**: 12 [key].
 1935 *Colossendeis wilsoni*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 294.
 1938 *Colossendeis wilsoni*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), Zool. & Bot.), **2** (8): 8 [key], 12.
 1969 *Colossendeis wilsoni*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 47-49, figs. 7, 8, 10, 59-64.

Distribution: Antarctica.

Depth range: 110-314m.

***Decolopoda* EIGHTS 1835**

- 1969 *Decolopoda* , - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 54 [diagnosis].

***Decolopoda australis* EIGHTS 1835**

- 1835 *Decolopoda australis* EIGHTS, Boston J. Nat. Hist., **1** (2): 203-206, pl. VII.
 1902 *Decolopoda australis*, - STEEBING, Knowledge, **25**: 185-189.
 1905 *Decolopoda antarctica* BOUVIER, Bull. Mus. natn. Hist. nat., Paris, **11**: 295.
 1905 *Decolopoda australis*, - COLE, Ann. Mag. Nat. Hist., **15** (7): 405.
 1905 *Decolopoda australis*, - BOUVIER, Proc. Roy. Phys. Soc. Edinburgh, **16** (1): 36-42, pl. III.
 1905 *Decolopoda australis*, - HODGSON, Zool. Anz., **29** (8): 254-256.
 1905 *Decolopoda australis*, - LOMAN, Zool. Anz., **28**: 722-723.
 1906 *Decolopoda australis*, - BOUVIER, C.R. Séanc. Hebd. Acad. Sci., **142**: 16-18.
 1906 *Decolopoda australis*, - BOUVIER, L'Expéd. Antarct. Française, 1903-1905: 21-29, pl. II, figs. 6-9.
 1908 *Decolopoda australis*, - HODGSON, Trans. Roy. Soc. Edinburgh, **46** (1): 181-184, pl. III.
 1909 *Decolopoda australis*, - CALMAN, Sci. Progr., London, 1909: 687-693.
 1909 *Decolopoda australis*, - d'ARCY THOMPSON, The Cambr. Nat. Hist., **4**: 531.
 1910 *Decolopoda australis*, - BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **151**: 27.
 1911 *Decolopoda australis*, - BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **152**: 491.
 1911 *Decolopoda australis*, - BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **152**: 1136.
 1913 *Decolopoda antarctica*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910): 48.
 1913 *Decolopoda australis*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910): 48-52, figs. 1-7.

- 1920 *Decolopoda antarctica*, - CALMAN, Ann. Mag. Nat. Hist., **6** (9): 244.
 1932 *Decolopoda antarctica*, - GORDON, Discovery Rep., **6**: 9-11, figs. I, 73B, 74B.
 1932 *Decolopoda australis*, - GORDON, Discovery Rep., **6**: 8-9, fig. 73A.
 1935 *Decolopoda antarctica*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**
 (4) (2): 280.
 1935 *Decolopoda australis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**
 (4) (2): 280.
 1944 *Decolopoda* sp.?, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped.,
 (B), **5** (1): 8.
 1969 *Decolopoda australis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 54-
 56, figs. 7, 8, 10, 75, 76, 78-82.
 1969 *Decolopoda australis*, - ARNAUD, Les Terres Austr. Antarct. Françaises, **47**:
 36.
 1969 *Decolopoda australis*, - HEDGPETH, Antarct. Map Folio Ser. Am. Geogr. Soc.,
 Folio **11**: 27.
 1972 *Decolopoda australis*, - ARNAUD, Bull. Mus. natn. Hist. nat., (3) **51** (65):
 804-805.
 1982 *Decolopoda australis*, - PUSHKIN, Zool. Zh., **61** (11): 1657-1659, figs. A-D.
 1982 *Decolopoda antarctica*, - PUSHKIN, Zool. Zh., **61** (11): 1659-1661, figs. E-J.

Distribution: Antarctic and subantarctic area.

Depth range: 0-1119m.

Dodecolopoda CALMAN & GORDON 1933

- 1969 *Dodecolopoda* , - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 56
 [diagnosis].

Dodecolopoda mawsoni CALMAN & GORDON 1933

- 1933 *Dodecolopoda mawsoni* CALMAN & GORDON, Proc. Roy. Soc. London, (B) **113**: 107-
 115, fig. 1.
 1935 *Dodecolopoda mawsoni*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**
 (4) (2): 280.
 1944 *Dodecolopoda mawsoni*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res.
 Exped., (B), **5** (1): 7-9, fig. 1a-c.
 1947 *Dodecolopoda mawsoni*, - HEDGPETH, Smiths. Misc. Coll., **106** (18): 17, figs.
 8-10.
 1969 *Dodecolopoda mawsoni*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 56-
 57, figs. 7-10, 77-82.
 1974 *Dodecolopoda mawsoni*, - TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **98**:
 294-295, fig. 10.

Distribution: Antarctica.

Depth range: 534-549m.

Hedgpethia TURPAEVA 1973

- 1973 *Hedgpethia* TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **91**: 183
 [diagnosis, remarks], 184 [key to species].

Hedgpethia articulata (LOMAN 1908)

- 1908 *Colossendeis articulata* LOMAN, Siboga Exped., **XL**: 22-23, pl. VI, figs. 66-73.
 1973 *Hedgpethia articulata* TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **91**: 185-189, fig. 2.
 1991 *Hedgpethia articulata*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 166 [text].

Distribution: Indo-West Pacific (type locality: Gulf of Boni).

Depth range: 1944-3610m.

Habitat: mud.

Hedgpethia atlantica (STOCK 1970)

- 1970 *Rhopalorhynchus atlanticum* STOCK, Meteor-Forsch.-Ergebn., (D), **5**: 7-9, figs. 8-13.
 1979 *Rhopalorhynchus atlanticum*, - RACK, Mitt. Hamburg. Zool. Mus. Inst., **67**: 113.
 1987 *Rhopalorhynchus atlanticum*, - STOCK, Cah. Biol. Mar., **28**: 508-509, fig. 12.
 1991 *Hedgpethia atlantica*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 166 [text].
 1991 *Hedgpethia atlantica*, - STOCK, Bull. Mus. natn. Hist. nat., 4e sér., **13**, sec. A, nos. 1-2: 138.

Distribution: NE-Atlantic.

Depth range: 135-1125m.

Habitat: shelly sand

Hedgpethia bicornis (TURPAEVA 1953)

- 1958 *Colossendeis bicornis*, - LOSINA-LOSINSKY, Biull. Mosov. Obsh. Ispyt. Prirod., **63** (1): 27-29, pl. 3, figs. 1-7.
 1961 *Colossendeis bicornis*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 109-110.
 1991 *Hedgpethia bicornis*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 166 [text].

Distribution: NW-Pacific (U.S.S.R.).

Depth range: 64-515m.

Hedgpethia brevitarsis (LOSINA-LOSINSKY & TURPAEVA 1958)

- 1958 *Colossendeis brevitarsis* LOSINA-LOSINSKY & TURPAEVA, Bull. Moskovskovo Obschest. Ispytatelei Prirody, **63** (1): 26-27, fig. 2.
 1970 *Rhopalorhynchus brevitarsis*, - STOCK, Meteor Forsch.-Ergebn., (D), **5**: 9 [key].
 1983 *Hedgpethia brevitarsis*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 63.
 1991 *Hedgpethia brevitarsis*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 62.

Distribution: Japan (Sagami Bay) to Gulf of Alaska.

Depth range: 290-563m.

Hedgpethia californica (HEDGPETH 1939)

- 1939 *Colossendeis californica* HEDGPETH, Am. Midl. Nat., **22** (2): 459-460, pl. 1, figs. a-e
 1973 *Hedgpethia californica* TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **91**: 186-189.
 1991 *Hedgpethia californica*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 166 [text].

Distribution: California.

Depth range: 330m.

Habitat: green mud.

Hedgpethia chitinsa (HILTON 1943)

- 1943 *Colossendeis chitinsa* HILTON, J. Ent. Zool. Pomona College, **35** (1): 4.
 1949 *Colossendeis chitinsa*, - HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 301, fig. 47e-h.
 1954 *Colossendeis chitinsa*, - STOCK, Viensk. Medd. dansk naturhist. Foren., **116**: 161.
 1955 *Colossendeis chitinsa*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 34-35, fig. 20.
 1958 *Colossendeis chitinsa*, - LOSINA-LOSINSKY, Biull. Moskov. Obsh. Ispyt. Prirod., **63** (1): 23-26, pl. 1, figs. 1-6.
 1961 *Colossendeis chitinsa*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 109.
 1962 *Colossendeis chitinsa*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 103.
 1970 *Rhopalorhynchus chitinosum*, - STOCK, Meteor Forsch-Ergebn., (D), **5**: 9 [key].
 1971 *Colossendeis chitinsa*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 337.
 1973 *Hedgpethia californica chitinsa*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **91**: 186, tab. 3.
 1983 *Hedgpethia chitinsa*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 63.
 1987 *Hedgpethia chitinsa*, - NAKAMURA, Biol. Lab., Imperial Household: 36.
 1991 *Hedgpethia chitinsa*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 63.

Distribution: Common in the NW-Pacific (Aleutian Islands to west of Kyushu); Korea Straits.

Depth range: 20-950m

Habitat: sand, shells.

Hedgpethia dampieri (CHILD 1975)

- 1975 *Rhopalorhynchus dampieri* CHILD, Smiths. Contr. Zool., **190**: 8-10, fig. 4.

Distribution: Australia.

Depth range: 113-122m.

Habitat: "beam trawl with bryozoans" (CHILD).

Hedgpethia dofleini (LOMAN 1911)

- 1911 *Colossendeis dofleini* LOMAN, Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-Naturwiss. Kl.), Suppl. **2** (4): 4-5, pl. I, figs. 6-13.
 1919 *Colossendeis dofleini*, - FUKUI, Rigakukai[?], **16** (2): 98.
 1936 *Colossendeis dofleini*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 867.
 1949 *Colossendeis dofleini*, - HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 300, fig. 47a-d.
 1951 *Colossendeis dofleini*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **1** (4): 167.
 1955 *Colossendeis dofleini*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 33.
 1958 *Rhopalorhynchus dofleini*, - STOCK, Tijdschr. Ent., **101** (2): 114.
 1971 *Colossendeis dofleini*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 337.
 1991 *Hedgpethia dofleini*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 63.

Distribution: from the Bering Sea to south of Japan (Kyushu).

Depth range: 20-923m.

Hedgpethia magnirostris ARNAUD & CHILD 1988

- 1988 *Hedgpethia magnirostris* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 153-155, fig. 7.
 1991 *Hedgpethia magnirostris*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 166.

Distribution: South Africa.

Depth range: 680m.

Hedgpethia tibialis STOCK 1991

- 1991 *Hedgpethia tibialis* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 166-168, figs. 29-30.

Distribution: New Caledonia.

Depth range: 520-550m.

Pentacolossendeis HEDGPETH 1943

- 1948 *Pentacolossendeis*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 275 [diagnosis, remarks].

Pentacolossendeis reticulata HEDGPETH 1943

- 1943 *Pentacolossendeis reticulata* HEDGPETH, Proc. New England Zool. Club, **22**: 56-57.
 1948 *Pentacolossendeis reticulata*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 275-278, fig. 51a-e.
 1986 *Pentacolossendeis reticulata*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1, 416.

Distribution: Bahamas and Florida, south to Guyana.

Depth range: 135-1298m.

Rhopalorhynchus WOOD-MASON 1873

- 1873 *Rhopalorhynchus* WOOD-MASON, J. Asiat. Soc. Bengal, **42** (2): 172 [diagnosis].
 1954 *Rhopalorhynchus*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 88 [diagnosis].
 1970 *Rhopalorhynchus*, - STOCK, Meteor-Forsch.-Ergebn., (D), **5**: 9 [key to species of articulatum-group].

Rhopalorhynchus claudus STOCK 1975

- 1975 *Rhopalorhynchus claudus* STOCK, Bull. mar. Sci., **24** (4): 991-993, fig. 13.
 1986 *Rhopalorhynchus claudus*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1.

Distribution: Barbados.

Depth range: 100m.

Habitat: muddy sand, shell debris; sponge bottom.

Rhopalorhynchus clavipes CARPENTER 1893

- 1893 *Rhopalorhynchus clavipes* CARPENTER, Sci. Proc. Roy. Dublin Soc., **8** (1) (4): 24-26, pl. II, figs. 1-10.
 1923 *Rhopalorhynchus kroeyeri* CALMAN, Rec. Indian Mus., **25** (3): 268 [part].
 1958 *Rhopalorhynchus clavipes*, - STOCK, Tijdschr. Ent., **101** (2): 127.
 1968 *Rhopalorhynchus clavipes*, - STOCK, Vidensk. Medd. dansk naturhist. Foren, **131**: 17.
 1970 *Rhopalorhynchus clavipes*, - CLARK, Trans. Roy. Soc. N.Z., **12** (3): 17.

Distribution: NE-Australia.

Depth range: 8-86m.

Habitat: found among corals.

Rhopalorhynchus filipes STOCK 1991

- 1991 *Rhopalorhynchus filipes* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 161-163, fig. 27.

Distribution: Chesterfield Islands; between Loyalty Islands and New Caledonia.

Depth range: 200-320m.

Rhopalorhynchus gracillimus CARPENTER 1908

- 1908 *Rhopalorhynchus gracillimus* CARPENTER, Trans. Linn. Soc. London, **12** (2): 99-100, pl. 13, figs. 25-32 [except Saya de Malha record].
 1908 *Rhopalorhynchus kröyeri*, - LOMAN, Siboga Exped. Monogr., **40**: 26-27 [only Siboga sta. 310 specimen].
 1923 *Rhopalorhynchus kröyeri*, - CALMAN, Rec. Indian Mus., **25** (3): 268-270 [part].
 1954 *Rhopalorhynchus kröyeri*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 88-89, fig. 2.
 1958 *Rhopalorhynchus gracillimum*, - STOCK, Tijdschr. Ent., **101** (2): 128-132,

figs. 39-56.

1988 *Rhopalorhynchus gracillimus*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 156.

Distribution: East Indies and Maldive Islands to the east-coast of South Africa.

Depth range: 0-156m.

***Rhopalorhynchus kroeyeri* WOOD-MASON 1873**

1873 *Rhopalorhynchus kröyeri* WOOD-MASON, J. Asiatic Soc. Bengal, **42** (2): 172-175, pl. XIII, figs. 1-5.

1954 *Rhopalorhynchus kröyeri*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 88-89, fig. 2.

1954 *Rhopalorhynchus kröyeri*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 161 [only Kei-Island record].

1957 *Rhopalorhynchus kroeyeri*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 97.

1958 *Rhopalorhynchus kroeyeri*, - STOCK, Tijdschr. Ent., **101** (2): 118.

Distribution: East Indian Archipelago (Andaman Islands; Philippines, Kei Islands).

Depth range: 35-46m.

***Rhopalorhynchus lomani* STOCK 1958**

1958 *Rhopalrhynchus lomani* STOCK, Tijdschr. Ent., **101** (2): 119-124, figs. 7-21.

1965 *Rhopalorhynchus lomani*, - STOCK, Beaufortia, **13** (151): 16.

1973 *Rhopalorhynchus lomani*, - ARNAUD, Tethys, **4** (4): 954.

Distribution: Tropical W-Indian Ocean.

Depth range: 4-86m.

Habitat: *Halophila*; hydroids and Zoantharia.

***Rhopalorhynchus mortenseni* STOCK 1958**

1954 *Rhopalorhynchus kröyeri*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 161-162 [only Jolo record].

1958 *Rhopalorhynchus mortenseni* STOCK, Tijdschr. Ent., **101** (2): 132-133, figs. 57-61.

1968 *Rhopalorhynchus mortenseni*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 18.

Distribution: Philippines and Australia (Coral Sea).

Depth range: 46-55m.

Habitat: gravel; sand and corals.

***Rhopalorhynchus pedunculatum* STOCK 1957**

1957 *Rhopalorhynchus pedunculatum* STOCK, Bull. Sea Fish. Res. Stat. Haifa, **13**: 13-14, fig. 1.

1958 *Rhopalorhynchus pedunculatum*, - STOCK, Bull. Sea Fish. Res. Stat. Haifa, **16**:

3.

- 1958 *Rhopalorhynchus pedunculatum*, - STOCK, Tijdschr. Ent., **101** (2): 125.
 1970 *Rhopalorhynchus pedunculatum*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **2** (1): 1.

Distribution: probably endemic in the Red Sea area.
Depth range: littoral-6m.

Rhopalorhynchus sibogae STOCK 1958

- 1908 *Rhopalorhynchus kröyeri*, - LOMAN, Siboga Exped. Monogr., **40**: 217 [part], pl. XV, fig. 217.
 1958 *Rhopalorhynchus sibogae* STOCK, Tijdschr. Ent., **101** (2): 124-125, figs. 22-27.
 1975 *Rhopalorhynchus sibogae*, - CHILD, Smiths. Contr. Zool., **190**: 7-8.

Distribution: Indonesia (Flores) to Australia (near Perth).

Depth range: 27-139m.

Habitat: in beam trawls with bryozoans, corals and sponges; mud and sand.

Rhopalorhynchus tenuissimum (HASWELL 1884)

- 1884 *Colossendeis tenuissima* HASWELL, Proc. Linn. Soc. N.S.W., **9**: 1029-1030, pl. LVI, figs. 5-8.
 1919 *Rhopalorhynchus tenuissimum*, - FLYNN, Pap. Proc. Roy. Soc. Tasm., 1918: 71.
 1958 *Rhopalorhynchus tenuissimum*, - STOCK, Tijdschr. Ent., **101** (2): 125.
 1982 *Rhopalorhynchus tenuissimum*, - STAPLES, Mem. Qd. Mus., **20** (3): 465.

Distribution: Australia (Queensland area).

Depth range: shallow water.

NYMPHONIDAE

- 1891 Nymphonidae, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 54 [diagnosis, remarks].
 1948 Nymphonidae, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 179-180 [diagnosis, remarks, key to genera].
 1954 Nymphonidae, - BARNARD, Ann. S. Afr. Mus., **41** (3): 89 [diagnosis].
 1955 Nymphonidae, - STOCK, Vidensk. Medd. Dansk. Naturhist. Foren., **117**: 219 [key to genera].
 1974 Nymphonidae, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 14.
 1979 Nymphonidae, - Child, Smiths. Contr. Zool., **293**: 35 [key to Middle American species].
 1986 Nymphonidae, - STOCK, Bull. mar. Sci., **38** (3): 418 [remarks].
 01992 Nymphonidae, - CHILD, Mem. Hourglass Cruises, **9** (1): 69-70, tab. 11.

Boreonymphon SARS 1888

1972 *Boreonymphon*, - JUST, Sarsia, **49**: 3-4 [diagnosis, key to species].

Boreonymphon abyssorum (NORMAN 1873)

1972 *Boreonymphon abyssorum*, - JUST, Sarsia, **49**: 6-8, figs. 3, 7D.

1983 *Boreonymphon abyssorum*, - BAMBER, Zool. J. Linn. Soc., **77**: 68.

Distribution: NE-Atlantic.

Depth range: 0-1040m.

Habitat: clay with stones, red clay, clay with stones and gravel, mud, hard clay, hard brown clay, clay with gravel and large stones, clay and *Fucus*.

Boreonymphon compactum JUST 1972

1972 *Boreonymphon compactum* JUST, Sarsia, **49**: 11-14, figs. 6, 7B.

Distribution: N-Atlantic (Bylot Sund).

Depth range: 110-260m.

Habitat: clay and large stones.

Boreonymphon ossiansarsi KNABEN 1972

1972 *Boreonymphon ossiansarsi* KNABEN, in JUST, Sarsia, **49**: 8-11, figs. 4, 5, 7A.

Distribution: N-Atlantic.

Depth range: 0-1098m.

Habitat: reddish brown clay, dark sand and clay, white viscuous clay with stones.

Boreonymphon robustum (BELL 1855)

1891 *Boreonymphon robustum*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 115-119, pl. XII, fig. 3a-d.

1933 *Boreonymphon robustum*, - STEPHENSEN, Medd. Grönland, **79** (6): 4-5, fig. 1 (map).

1972 *Boreonymphon robustum*, - JUST, Sarsia, **49**: 4-6, figs. 2, 7C.

Distribution: Arctica.

Depth range: 97-640m.

Habitat: mud, clay, gravel, and stones.

Heteronymphon GORDON 1932

1932 *Heteronymphon* GORDON, Discovery Rep., **6**: 79-80 [diagnosis, remarks].

1985 *Heteronymphon*, - NAKAMURA, Bull. Biogeogr. Soc. Japan, **40** (4): 33 [key to species].

Heteronymphon abyssale (STOCK 1968)

- 1968 *Nymphon abyssale* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 33-35, fig. 12.
 1970 *Heteronymphon abyssale*, - TURPAEVA, Zool. Zh., 49 (11): 1723-1724, fig. 1 (5), 2 (5).

Distribution: Pacific Ocean off Costa Rica.

Depth range: 3570m.

Habitat: dark muddy clay.

***Heteronymphon bioculatum* TURPAEVA 1956**

- 1956 *Heteronymphon bioculatum* TURPAEVA, Byull. Moskov. Obsh. Ispyt. Prir., Otd. Biol., **61** (2): 69-71, fig. 2.
 1970 *Heteronymphon bioculatum*, - TURPAEVA, Zool. Zh., 49 (11): 1723-1724, fig. 1 (3), 2 (4).
 1971 *Heteronymphon bioculatum*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **92**: 280.

Distribution: NW-Pacific.

Depth range: 2770-3940m.

***Heteronymphon birsteini* TURPAEVA 1954**

- 1956 *Heteronymphon birsteini*, - TURPAEVA, Byull. Moskov. Obsh. Ispyt. Prir., Otd. Biol., **61** (2): 71-72, fig. 3.
 1970 *Heteronymphon birsteini*, - TURPAEVA, Zool. Zh., 49 (11): 1723-1724, fig. 1 (2), 2 (2).

Distribution: NW-Pacific.

Depth range: 1060m.

***Heteronymphon exiguum* (HODGSON 1927)**

- 1932 *Heteronymphon kempfi* GORDON, Discovery Rep., **6**: 80-82, figs. 38-39.
 1938 *Heteronymphon kempfi* var. *dimorpha* HELFER, Sitz.-Ber. Ges. naturforsch. Freunde Berlin, 1937 (2): 171-172, fig. 4a-c.
 1944 *Heteronymphon exiguum*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 35.
 1953 *Heteronymphon exiguum*, - STOCK, Beaufortia, **35** (4): 37-38, fig. 2a-e.
 1970 *Heteronymphon exiguum*, - TURPAEVA, Zool. Zh., 49 (11): 1723-1724, fig. 1 (1), fig. 2 (1).
 1972 *Heteronymphon exiguum*, - ARNAUD, Tethys, Suppl., **4**: 149-150.

Distribution: Antarctica.

Depth range: 18-393m.

***Heteronymphon horikoshii* NAKAMURA 1985**

- 1985 *Heteronymphon horikoshii* NAKAMURA, Bull. Biogeogr. Soc. Japan, **40** (4): 31-33, fig. 2.

1991 *Heteronymphon horikoshii*, - NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **512**: 42.

Distribution: Japan
Depth range: 700-2000m.

***Heteronymphon ponsitor* CHILD 1982**

1982 *Heteronymphon ponsitor* CHILD, *Smiths. Contr. Zool.*, **349**: 31-33, fig. 9.

Distribution: North American Basin; West European Basin.
Depth range: 2022-2862m

***Heteronymphon profundum* TURPAEVA 1956**

1956 *Heteronymphon profundum* TURPAEVA, *Byull. Moskov. Obsh. Ispyt. Prir., Otd. Biol.*, **61** (2): 67-69, fig. 1.

1970 *Heteronymphon profundum*, - TURPAEVA, *Zool. Zh.*, **49** (11): 1723-1724, fig. 1 (4), 2 (3).

1971 *Heteronymphon profundum*, - TURPAEVA, *Trudy Inst. Okeanol, Akad. Nauk SSSR*, **92**: 280.

Distribution: NW-Pacific.
Depth range: 6150-6800m.

***Neonymphon* STOCK 1955**

1955 *Neonymphon* STOCK 1955, *Vidensk. Medd. dansk naturhist. Foren.*, **117**: 219 [diagnosis].

1986 *Neonymphon*, - STOCK, *Bull. mar. Sci.*, **38** (3): 420-421 [remarks].

***Neonymphon caecum* STOCK 1955**

1955 *Neonymphon caecum* STOCK 1955, *Vidensk. Medd. dansk naturhist. Foren.*, **117**: 219-223, figs. 2-3.

1986 *Neonymphon caecum*, - STOCK, *Bull. mar. Sci.*, **38** (3): 402 tab. 1, 421, fig. 6a.

Distribution: tropical W-Atlantic (west of St. Croix, U.S. Virgin Islands; off Surinam).
Depth range: 914-1271m.

***Nymphon* FABRICIUS 1794**

1932 *Nymphon*, - GORDON, *Discovery Rep.*, **6**: 26-31 [remarks], 31-36 [key to adult males of Antarctic and subantarctic waters].

1944 *Nymphon*, - GORDON, *Rep. Brit., Austr. and N.Z. Antarct. Res. Exped.*, (B), **5** (1): 17-22 [remarks, key to antarctic and subantarctic species].

1948 *Nymphon*, - HEDGPETH, *Proc. U.S. natn. Mus.*, **97** (3216): 180-182 [diagnosis, remarks, key to W-Atlantic species south of Newfoundland].

1949 *Nymphon*, - HEDGPETH, *Proc. U.S. natn. Mus.*, **98** (3231): 243-247 [remarks, key

- to species from N-Pacific].
- 1954 *Nymphon*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 89 [diagnosis], 90 [key to South African species].
- 1963 *Nymphon*, - CLARK, Rec. Austr. Mus., **26** (1): 15-16 [key to Australian species].
- 1971 *Nymphon*, - STOCK, Zool. Meded., **47**: 259.
- 1975 *Nymphon*, STOCK, Bull. mar. Sci., **24** (4): 1006-1007 [key to *albatrossi*-group].
- 1986 *Nymphon*, - STOCK, Bull. mar. Sci., **38** (3): 418 [remarks].
- 1988 *Nymphon*, - CHILD, Bull. biol. Soc. Wash., **8**: 67-68 [remarks, key to *Nymphon aequidigitatum*-group].
- 1992 *Nymphon*, - CHILD, Mem. Hourglass Cruises, **9** (1): 70 [diagnosis].

Nymphon adami GILTAY 1937

- 1937 *Nymphon adami* GILTAY, Mem. Mus. Roy. Hist. Nat. Belg., **2** (9): 84-87, figs. 2-5.
- 1956 *Nymphon adami*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, **3** (28) (3): 290-291, fig. 1.
- 1959 *Nymphon adami*, - FAGE, Res. Sci. Campagne Calypso, **4**: 236, fig. 1a.
- 1967 *Nymphon adami*, - STOCK, Atlantide Rep., **9**: 47.
- 1975 *Nymphon adami*, - STOCK, Bull. mar. Sci., **24** (4): 1001-1004, figs. 18, 19a-d.
- 1990 *Nymphon adami*, - STOCK, Cah. Biol. Mar., **63** (16): 221.

Distribution: W-Africa, Mauritania south to Nigeria.

Depth range: 5-22m.

Habitat: ascidians, shells; brown and red algae; muddy sand with shell gravel.

Nymphon adareanum HODGSON 1907

- 1907 *Nymphon adareanum* HODGSON, Rep. Natn. Antarct. Exped. 1901-1904, Nat. Hist., **3**: 23-25, pl. 3, fig. 3.
- 1913 *Nymphon adareanum*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 73.
- 1915 *Nymphon adareanum*, - CALMAN, Brit. Antarct (Terra Nova) Exped., 1910, Zool., **3** (1): 33-34.
- 1923 *Nymphon adareanum*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 14.
- 1932 *Nymphon adareanum*, - GORDON, Ann. Mag. Nat. Hist., **10** (9): 98-101, figs. 1-2.
- 1950 *Nymphon adareanum*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 149.
- 1952 *Nymphon adareanum*, - FAGE, Bull. Mus. natn. Hist. nat., 2e sér., **24** (2): 181.

Distribution: Antarctica.

Depth range: 31-92m.

Nymphon adenense MÜLLER 1989

- 1989 *Nymphon adenense* MÜLLER, - Senckenbergiana marit., **20** (5/6): 283-284, figs. 21-27.

Distribution: Gulf of Aden.
Depth range: 76m.

Nymphon adenopus STOCK 1991

- 1991 *Nymphon adenopus* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 177-179, figs. 36-37, 185 [text].

Distribution: New Caledonia.
Depth range: 440-450m.

Nymphon aemulum STOCK 1975

- 1948 *Nymphon floridanum*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 196 (only short-necked form).
 1955 *Nymphon floridanum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 215 (only short-necked form).
 1975 *Nymphon aemulum* STOCK, Bull. mar. Sci., **24** (4): 998-1001, fig. 16-17.
 1986 *Nymphon aemulum*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1.
 1992 *Nymphon aemulum*, - CHILD, Mem. Hourglass Cruises, **9** (1): 70, fig. 32.

Distribution: tropical W-Atlantic, Florida to Surinam.
Depth range: 0.5-37m.
Habitat: in a variety of substrata.

Nymphon aequidigitatum HASWELL 1885

- 1885 *Nymphon aequidigitatum* HASWELL, Proc. Linn. Soc. N.S.W., **9**: 1022-1024, pl. 54, figs. 1-5.
 1889 *Nymphon aequidigitatum*, - WHITELEGGE, J. & Proc. Roy. Soc. N.S.W., **23** (2): 233.
 1908 *Nymphon aequidigitatum*, - LOMAN, Siboga Exped. Monogr., **40**: 38.
 1919 *Nymphon aequidigitatum*, - FLYNN, Pap. Proc. Roy. Soc. Tasm., 1919: 72-75, pl. XVIII, figs. 4-5, pl. XIX, fig. 6.
 1963 *Nymphon aequidigitatum*, - CLARK, Rec. Austr. Mus., **26** (1): 5-7, fig. 3A-G.
 1973 *Nymphon aequidigitatum*, - STOCK, Beaufortia, **20** (266): 107-108, fig. 3a-d.

Distribution: Australia (Western Port, Crawfish Rock).
Depth range: 10m.
Habitat: on *Amathea* sp. (Bryozoa) and *Aglaophenia* (Hydroida).

Nymphon affinis STOCK 1951

- 1951 *Nymphon affinis* STOCK, Mem. Inst. Roy. Sci. Nat. Belg., **2** (43): 5-7, figs. 1-6.
 1954 *Nymphon affinis*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 94.

Distribution: South Africa.
Depth range: 15m.

Habitat: rocky shores.

***Nymphon akane* NAKAMURA & CHILD 1983**

- 1983 *Nymphon akane* NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **386**: 54-56, fig. 19.
 1986 *Nymphon akane*, - KIM & HONG, *Kor. J. Syst. Zool.*, **2** (2): 37-38, fig. 2a-h.
 1987 *Nymphon akane*, - HONG & KIM, *Kor. J. Syst. Zool.*, **3** (2): 158.
 1991 *Nymphon akane*, - NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **512**: 42.

Distribution: Japan; Korea.

Depth range: 7-30m.

***Nymphon albatrossi* HEDGPETH 1949**

- 1949 *Nymphon albatrossi* HEDGPETH, *Proc. U.S. natn. Mus.*, **98** (3231): 263-266, fig. 30.

Distribution: Japan.

Depth range: 209-781m.

***Nymphon aldabraense* CHILD 1988**

- 1988 *Nymphon aldabraense* CHILD, *Bull. biol. Soc. Wash.*, **8**: 68-70, fig. 6.

Distribution: Seychelles (Aldabra Atoll).

Depth range: 20m.

Habitat: "Reef slope, coral rubble in hollows between coral heads" (CHILD).

***Nymphon altioculatum* MÖBIUS 1902**

- 1902 *Nymphon altioculatum* MÖBIUS, *Wiss. Ergebn. dt. Tiefsee-Exped. Valdivia, 1898-1899*, **3**: 181-182, pl. XXVI, figs. 1-6.

Distribution: Bouvet Island.

Depth range: 450m.

***Nymphon andamanense* CALMAN 1923**

- 1923 *Nymphon andamanense* CALMAN, *Rec. Indian Mus.*, **24** (3): 273-275, fig. 4a-f.
 1938 *Nymphon andamanense*, - CALMAN, *Sci. Rep. John Murray Exped.*, **5** (6): 151-152.

Distribution: Arabian Coast; Andaman Islands.

Depth range: 40m.

***Nymphon angolense* GORDON 1932**

- 1932 *Nymphon angolense* GORDON, *Discovery Rep.*, **6**: 77-80, figs. 36-37.
 1937 *Nymphon angolense*, - GILTAY, *Mem. Mus. Roy. Hist. Nat. Belg.*, **9** (2): 88.

- 1951 *Nymphon angolense*, - STOCK, Mem. Inst. Roy. Sci. Nat. Belg., **2** (43): 7-8.
 1954 *Nymphon angolense*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 102-103.

Distribution: South Africa; Angola.

Depth range: 73-110m.

Habitat: muddy bottom.

***Nymphon apheles* CHILD 1979**

- 1979 *Nymphon apheles* CHILD, Smiths. Contr. Zool., **293**: 35-37, fig. 12.

Distribution: Panamá Pacific.

Depth range: intertidal.

Habitat: in tide pool.

***Nymphon apicatum* STOCK 1991**

- 1991 *Nymphon apicatum* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 180-182, figs. 38-39.

Distribution: New Caledonia.

Depth range: 440-610m.

***Nymphon arabicum* CALMAN 1938**

- 1938 *Nymphon arabicum* CALMAN, Sci. Rep. John Murray Exped., **5** (6): 152-153, fig. 3A-C.
 1965 *Nymphon arabicum*, - STOCK, Beaufortia, **13** (151): 16-18, figs. 4-12.

Distribution: Arabian Coast; Madagascar.

Depth range: 35-83m.

Habitat: muddy sand.

***Nymphon aritai* NAKAMURA & CHILD 1991**

- 1991 *Nymphon aritai* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 42-44, fig. 14.

Distribution: Japan.

Depth range: 400-479m.

***Nymphon articulare* HODGSON 1908**

- 1932 *Nymphon articulare*, - GORDON, Discovery Rep., **6**: 65-66, fig. 23a, 28, 29a-b.

Distribution: Antarctica.

Depth range: 24-36m.

***Nymphon australe* HODGSON 1902**

- 1902 *Nymphon australe* HODGSON, Rep. Coll. Nat. Hist. in the Antarct. Regions during the voyage of the "Southern Cross": 257, pl. XL.
- 1902 *Chaetonymphon altioculum*, - MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 181, pl. XXVI, figs. 1-6.
- 1913 *Nymphon stylops*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 73-80, figs. 25-31.
- 1915 *Nymphon australe*, - CALMAN, Brit. Antarct (Terra Nova) Exped., 1910, Zool., **3** (1): 36-37.
- 1928 *Nymphon australe*, - FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 16.
- 1932 *Nymphon australe*, - GORDON, Discovery Rep., **6**: 59-63, figs. 25d, 26b.
- 1938 *Nymphon australe*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 13.
- 1944 *Nymphon australe*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 24.
- 1944 *Nymphon australe* var. *caecum* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 25-27, fig. 5a-d.
- 1950 *Nymphon australe*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 148.
- 1954 *Nymphon australe*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 90-91.
- 1965 *Nymphon australe*, - STOCK, Bull. Inst. Roy. Sci. Nat. Belg., **41** (31): 1.
- 1972 *Nymphon australe*, - ARNAUD, Téthys, suppl. **4**: 150.
- 1974 *Nymphon australe* var. *caecum*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **98**: 280.
- 1980 *Nymphon australe*, - KRAPP, Bull. Inst. Roy. Sci. Nat. Belg., **52** (18): 2.

Distribution: Antarctica.

Depth range: 8-640m.

***Nymphon banzare* GORDON 1944**

- 1944 *Nymphon banzare* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B) **5** (1): 29-30, fig. 6c-e.
- 1965 *Nymphon banzare*, - STOCK, Bull. Inst. Roy. Sci. Nat. Belg., **41** (31): 1.
- 1980 *Nymphon banzare* KRAPP, - Bull. Inst. Roy. Sci. Nat. Belg., **52** (18): 3.

Distribution: Antarctica.

Depth range: 130-400m.

***Nymphon barnardi* ARNAUD & CHILD 1988**

- 1988 *Nymphon barnardi* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 156-159, fig. 8.

Distribution: South Africa.

Depth range: 150-200m.

***Nymphon basispinosum* HILTON 1942**

- 1942 *Nymphon basispinosum* HILTON, J. Ent. Zool. Pomona College, **34** (1): 5.
- 1949 *Nymphon basispinosum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 273, fig. 34e.

Distribution: Japan.

Depth range: 104m.

Nymphon benthos HEDGPETH 1949

- 1949 *Nymphon benthos* HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 256-257, fig. 25.
 1991 *Nymphon benthos*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 43-44.

Distribution: Japan.
Depth range: 923-1249m.

Nymphon bergi LOSINA-LOSINSKY 1961

- 1961 *Nymphon bergi* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 72-74, fig. 7.

Distribution: NW-Pacific.
Depth range: 291m.

Nymphon biarticulatum (HODGSON 1907)

- 1932 *Nymphon biarticulatum*, - GORDON, Discovery Rep., **6**: 71-73, figs. 27d, 31a, c, 32a.
 1944 *Nymphon biarticulatum*, - GORDON, Rep. Brit. Austr. and N.Z. Antarct. Res. Exped., (B) **5** (1): 22 [key], 27.
 1965 *Nymphon biarticulatum*, - STOCK, Bull. Inst. Roy. Sci. Nat. Belg., **41** (31): 1-2.
 1969 *Nymphon biarticulatum*, - ARNAUD, Les Terres Austr. Antarct. Françaises, **47**: 36.
 1972 *Nymphon biarticulatum*, - ARNAUD, Bull. Mus. natn. Hist. nat., (3) **51** (65): 807-808.

Distribution: Antarctica.
Depth range: 211-300m.

Nymphon bicornum ARNAUD & CHILD 1988

- 1988 *Nymphon bicornum* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 159-161, fig. 9.

Distribution: South Africa (Zululand and Durban area).
Depth range: 800-850m.

Nymphon biformidens STOCK 1974

- 1974 *Nymphon biformidens* STOCK, Bull. Zool. Mus. Univ. Amsterdam, **4** (3): 15-16, fig. 4.

Distribution: Madagascar (near Nossi-Be).
Depth range: 1m.
Habitat: dead corals and sand.

Nymphon bigibbulare LOSINA-LOSINSKY, 1961

- 1961 *Nymphon bigibbulare* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 59-60, fig. 1.

Distribution: NW-Pacific.

Depth range: 12-137m.

Nymphon birsteini TURPAEVA 1955

- 1955 *Nymphon birsteini* TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **12**: 322-324, fig. 1.

Distribution: Kurile-Kamtchatka Trench.

Depth range: 1060m.

Nymphon bisseratum LOSINA-LOSINSKY, 1961

- 1961 *Nymphon bisseratum* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 66-67, fig. 4.

Distribution: NW-Pacific.

Depth range: 101m.

Nymphon boraborae MÜLLER 1990

- 1990 *Nymphon boraborae* MÜLLER, Senckenbergiana biol., **70** (1989) (1/3): 192-194, figs. 19-27.

Distribution: Society Islands (Bora Bora).

Depth range: 0.5-1m.

Habitat: fringing reef, dead corals corals covered with sponges and algae.

Nymphon bouvieri GORDON 1932

- 1932 *Nymphon bouvieri* GORDON, Discovery Rep., **6**: 35 [key], 62 [tab.], 73-75, figs. 25a, 27b, 32c, 33.

- 1947 *Nymphon bouvieri*, - SPEHENSEN, Sci. Res. Norw. Antarct. Exped., 1927-1928 et sqq., **27**: 83.

- 1974 *Nymphon bouvieri*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **98**: 281.

- 1980 *Nymphon bouvieri*, - KRAPP, Bull. Inst. Roy. Sci. Nat. Belg., **52** (18): 3.

Distribution: Antarctica.

Depth range: 245-583m.

Nymphon brachyrhynchum HOEK 1881

- 1881 *Nymphon brachyrhynchum* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 47-48, pl. IV, figs. 2-7.
 1913 *Nymphon brachyrhynchum*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 73 [key].
 1923 *Nymphon brachyrhynchum*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 14 [key].
 1932 *Nymphon brachyrhynchum*, - GORDON, Ann. Mag. Nat. Hist., **10**, (9): 101-104, figs. 3, 4a-b.

Distribution: Kerguelen (Christmas Harbour).

Depth range: 82-220m.

Nymphon braschnikowi SCHIMKEWITSCH 1906

- 1906 *Nymphon braschnikowi* SCHIMKEWITSCH, Ann. Mus. Zool. Acad. Imp. Sci. St.-Pétersbourg, **11** (1906): 248-251, figs. 1-7.
 1930 *Nymphon braschnikowi*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 507-512, figs. 154-160, pl. 9, figs. 1-2.
 1936 *Nymphon braschnikowi*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 863.
 1949 *Nymphon braschnikowi*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 250, fig. 21a-c.
 1955 *Nymphon braschnikowi*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 6-7, fig. 2.
 1961 *Nymphon braschnikowi*, - LOSINA-LOSINSKY, Isledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 62-63.
 1971 *Nymphon braschnikowi*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 319.

Distribution: NW-Pacific; Japan.

Depth range: 95-494m.

Nymphon brevicaudatum MIERS 1875

- 1875 *Nymphon brevicaudatum* MIERS, Ann. Mag. Nat. Hist., (4) **16** (92): 117-118.
 1879 *Nymphon horridum* BÖHM, Monatsber. Kgl. Preuss. Akad. Wiss. Berlin, 1879: 175, pl. I, fig. 3-3f.
 1881 *Nymphon brevicaudatum*, - HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (1): 49-52, pl. IV, figs. 12-13, pl. V, figs. 1-5.
 1889 *Nymphon brevicaudatum*, - PFEFFER, Jb. Hamburg. Wiss. Anst., **6** (2): 41.
 1902 *Chaetonymphon brevicaudatum*, - MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 181, pl. XXV, fig. 9.
 1913 *Nymphon brevicaudatum*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 95.
 1932 *Nymphon brevicaudatum*, - GORDON, Discovery Rep., **6**: 69-71, figs. 25b, 26c, 31b, d.
 1944 *Nymphon brevicaudatum*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 27.
 1972 *Nymphon brevicaudatum*, - ARNAUD, Bull. Mus. natn. Hist. nat., (3) **51** (65): 808.

Distribution: probably circumpolar in Antarctica. - Kerguelen; ?South Georgia.

Depth range: 27-1080m.

***Nymphon brevirostre* HODGE 1863**

- 1863 *Nymphon brevirostre* HODGE, Ann. Mag. Nat. Hist., **11** (3): 464.
- 1865 *Nymphon rubrum* HODGE, Nat. Hist. Trans. Northumberland and Durham, **1** (1): 41, pl. 10, fig. 1.
- 1877 *Nymphon gracile*, - HOEK, Nederl. Arch. Zool., **3**: 241-243, pl. XV, figs. 11-13, pl. XVI, fig. 18.
- 1881 *Nymphon gracile*, - HOEK, Arch. Zool. Exp. Gén., **9**: 498-501, pl. XXIII, figs. 1-5.
- 1888 *Nymphon gracile*, - SARS, Arch. Math. Naturvidensk., Oslo, **12**: 345.
- 1891 *Nymphon gracile*, - SARS, Norw. Nort-Atl. Exped., 1876-1878, **6** (Zool. 20): 55-58, pl. 5, fig. a-h.
- 1891 *Nymphon rubrum*, - SARS, Norw. Atl.-Exped., 1876-1878, **6** (Zool. 20): 58-61, pl. V, fig. 2a-k.
- 1896 *Nymphon rubrum*, - HERDMAN, Rep. 66th Meeting Brit. Ass. Advancement Sci.: 442.
- 1897 *Nymphon rubrum*, - HURST, in: W.A. Herdam, 10th Ann. Rep. Liverpool Mar. Biol. Committee: 22, 27.
- 1901 *Nymphon grossipes*, - MÖBIUS, Fauna Arctica, **2** (1): 41-44.
- 1908 *Nymphon rubrum*, - NORMAN, J. Linn. Soc. London (Zool.), **30**: 208-209, pl. 29, figs. 4-7.
- 1909 *Nymphon grossipes* var. *balthica* HELFER, Inaugural-Diss. Kgl. Christian-Albrechts-Univ. Kiel: 8-10, fig. 2.
- 1909 *Nymphon rubrum*, SCHIMKEWITSCH, Ann. Mus. Zool. Acad. Imp. Sci. St.-Pétersbourg, **13** (1908): 432-433.
- 1909 *Nymphon rubrum*, - d'ARCY THOMPSON, in: The Cambr. Nat. Hist.: 541.
- 1910 *Nymphon rubrum*, - TESCH, Jaarb. Rijksinst. Onderzoek der Zee, 1909 (4): 52, 56-57.
- 1928 *Nymphon rubrum*, - GILTAY, Bull. & Ann. Soc. Roy. Ent. Belg., **68** (9-10): 201-205, figs. 2-4.
- 1928 *Nymphon rubrum*, - LOMAN, Die Tierwelt Deutschlands, **8** (3): 78, fig. 4.
- 1930 *Nymphon rubrum*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 381-389, figs. 93-97.
- 1932 *Nymphon rubrum*, - SCHLOTTKE, Wiss. Meeresunters. Kommiss. Wiss. Unters. Dt. Meere, Abt. Helgoland, (N.F.), **18** (9): 5.
- 1935 *Nymphon brevirostre*, - DERJUGIN, Arktichesti Inst. SSSR, **4**: 11-57.
- 1936 *Nymphon rubrum*, - STEPHENSEN, Bergens Mus. Arbok, 1935, Naturvidensk. Rekke, **7**: 9-10.
- 1936 *Nymphon brevirostre*, - STEPHENSEN, Bergens Mus. Arbok, 1935, Naturvidensk. Rekke, **7**: 10.
- 1942 *Nymphon microcollis* HILTON, J. Ent. Zool. Pomona College, **34** (1): 5.
- 1942 *Nymphon gracile*, - HILTON, J. Ent. Zool. Pomona College, **34** (1): 7.
- 1943 *Nymphon rubrum*, - NEEDLER, Can. Atl. Fauna: 11, fig. 13.
- 1945 *Nymphon brevirostre*, - LEBOUR, J. Mar. Biol. Ass. U.K., **26**: 144.
- 1945 *Nymphon rubrum*, - LEBOUR, J. Mar. Biol. Ass. U.K., **26**: 143-144.
- 1948 *Nymphon rubrum*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 192, fig. 14.
- 1949 *Nymphon brevirostre*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 248-249.
- 1949 *Nymphon rubrum*, - STOCK, Strand-Werk-Gemeenschap Tabellenser., **7**: 4-5, figs. 1, 8.
- 1955 *Nymphon rubrum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 214, 217-218.
- 1961 *Nymphon brevirostre*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 67-68.
- 1972 *Nymphon brevirostre*, - KING, J. nat. Hist., **6**: 621.
- 1974 *Nymphon brevirostre*, - KING, A Synopsis of the British Sea Spiders. Synopses

- of the British Fauna (New Ser.), **5**: 14 [key], fig. 7.
- 1974 *Nymphon rubrum*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 14 [key], 18-19, fig. 6.
- 1976 *Nymphon rubrum*, - WOLFF, Netherlands J. Sea Res., **10** (4): 473, 474 fig. 2a (distribution in estuary).
- 1978 *Nymphon rubrum*, - STOCK, Zool. J. Linn. Soc., **63**: 59-74 (chemical sense, food preference).
- 1982 *Nymphon brevirostre*, - BAMBER, Biol. J. Linn. Soc., 17: 275-288.
- 1982 *Nymphon rubrum*, - BAMBER, Biol. J. Linn. Soc., 17: 275-288, fig. 1.
- 1993 *Nymphon rubrum*, - HARMS, Helgoländer Meeresuntersuch., **47**: 24, tab. 3.

Distribution: Norway and Sweden to south of Belgium; Japan; Nova Scotia, Str. of Georgia; Russian Arctic.

Depth range: littoral to 60m.

Habitat: usually amongst hydroids growing on algae; feeds on *Dynamena*, *Tubularia* and *Laomedea* hydroids, also on *Actinia* and *Metridium* anthozoans; associated with tubularians *Halichondria panicea* and *Antennularia* spp.

Remarks: Breeding in spring (incl. March) and summer.

***Nymphon brevis* NAKAMURA & CHILD 1991**

- 1991 *Nymphon brevis* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 44-45, fig. 15.

Distribution: Japan.

Depth range: 102m.

***Nymphon brevitarse* KRØYER 1838**

- 1891 *Nymphon brevitarse*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., 6 (3): 61-63, pl. V, fig. 3a-g.
- 1933 *Nymphon brevitarse*, - STEPHENSEN, Medd. Grönland, **79** (6): 10-11.
- 1943 *Nymphon brevitarse*, - HEDGPETH, J. Wash. Acad. Sci., **33**: 85.
- 1963 *Nymphon brevitarse*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1328-1329.

Distribution: Arctica, from Spitzbergen to NW-Greenland and Fox Basin.

Depth range: 10-100m.

Habitat: rocky bottom; from floating seaweed.

***Nymphon bullatum* STOCK 1992**

- 1992 *Nymphon bullatum* STOCK, Tijdschr. Ent., **135**: 121-123, 139, figs. 27-34, 47-51.

Distribution: southern Brazil.

Depth range: 65-250m.

***Nymphon bunyipi* CLARK 1963**

- 1963 *Nymphon bunyipi* CLARK, Rec. Austr. Mus., **26** (1): 9-10, fig. 5A-K.

Distribution: Australia.

Depth range: 81-144m.

Habitat: "found intermingled with hydrozoa and polyzoa"
(CLARK).

Nymphon caementarum STOCK 1975

1975 *Nymphon caementarum* STOCK, Bull. mar. Sci., **24** (4): 1004-1006, figs. 19e-g, 20.

1990 *Nymphon caementarum*, - STOCK, Zool. Meded., **63** (16): 221-222, fig. 7.

Distribution: Ivory Coast; Liberia; off Mauritania.

Depth range: 37-82m.

Habitat: muddy sand; sandy bottom.

Nymphon caldarium STOCK 1987

1987 *Nymphon caldarium* STOCK, Cah. Biol. Mar., **28**: 509-512, figs. 1-11.

1992 *Nymphon caldarium*, - STOCK, Tijdschr. Ent., **135**: 123 [text].

Distribution: NE-Atlantic.

Depth range: 340-580m.

Habitat: shelly sand; rock, corals.

Nymphon calypso FAGE 1959

1959 *Nymphon calypso* FAGE, Rés. Sci. Campagne Calypso, **4**: 236-239, figs. 2-3.

1966 *Nymphon calypso*, - STOCK, Atlantide Rep., **9**: 49, fig. 1c.

Distribution: W-Africa (off Gambia).

Depth range: 18-79m.

Habitat: mud and sand.

Nymphon chaetochir UTINOMI 1971

1971 *Nymphon chaetochir* UTINOMI, J. Roy. Soc. N.Z., **1** (3/4): 197-200, figs. 1-2.

Distribution: New Zealand (Chatham Rise).

Depth range: 995-1110m.

Nymphon chainae CHILD 1982

1982 *Nymphon chainae* CHILD, Smiths. Contr. Zool., **349**: 33-36, fig. 10.

Distribution: West European Basin, SW of Ireland; Brazil Slope, off Recife.

Depth range: 587-1550m.

***Nymphon citerium* NAKAMURA & CHILD 1991**

- 1991 *Nymphon citerium* NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **512**: 45-47, fig. 16.

Distribution: Japan.
Depth range: 1225-1970m.

***Nymphon clarencei* GORDON 1932**

- 1932 *Nymphon clarencei* GORDON, *Discovery Rep.*, **6**: 54-56, figs. 21-22, 23b.

Distribution: Antarctica.
Depth range: 106-342m.

***Nymphon cognatum* LOMAN 1928**

- 1928 *Nymphon cognatum* LOMAN. *Bull. Soc. Sci. nat. Phys. Maroc.*, **8** (1-3): 65-67, fig. A.
 1937 *Nymphon cognatum*, - GILTAY, *Mem. Mus. Roy. Hist. Nat. Belg.*, **9** (2): 87.

Distribution: NW-Africa (Cap Bojador, Rio de Oro).
Depth range: 64m.

***Nymphon comes* FLYNN 1928**

- 1928 *Nymphon comes* FLYNN, *Rep. Fish. & Mar. Biol. Surv. Union S. Afr.*, **6** (Special Rep., 1): 14-16, figs. 4-6.
 1951 *Nymphon affinis* STOCK, *Mem. Inst. Roy. Sci. Nat. Belg.*, **43** (2); 5.
 1954 *Nymphon affinis*, - BARNARD, *Ann. S. Afr. Mus.*, **41** (3): 92-93, figs. 3, 5c.
 1954 *Nymphon comes*, - BARNARD, *Ann. S. Afr. Mus.*, **41** (3): 92-93, figs. 3, 5c.
 1956 *Nymphon comes*, - STOCK, *Vidensk. Medd. dansk naturhist. Foren.*, **118**: 78-79, fig. 3.
 1962 *Nymphon comes*, - STOCK, *Trans. Roy. Soc. S. Afr.*, **36** (4): 282.
 1965 *Nymphon affinis*, - STOCK, *Beaufortia*, **13** (151): 21-23 [list, text].
 1988 *Nymphon comes*, - ARNAUD & CHILD, *Ann. S. Afr. Mus.*, **98** (6): 161.

Distribution: South Africa.
Depth range: 15-580m.
Habitat: sand, shells, corals.

***Nymphon compactum* HOEK 1881**

- 1881 *Nymphon compactum* HOEK, *Rep. Sci. Res. Expl. Voyage HMS Challenger*, **3** (10): 41-43, pl. II, figs. 6-8, pl. XV, fig. 10.
 1908 *Nymphon compactum*, - HODGSON, *Trans. Roy. Soc. Edinburgh*, **46** (1) (6): 167, pl. I, figs. 5, 5a.
 1913 *Nymphon compactum*, - BOUVIER, *Deuxième Expéd. Antarct. Française (1908-1910)*, **6**: 72 [key].
 1923 *Nymphon compactum*, - LOMAN, *Further Zool. Res. Swed. Antarct. Exped.*, **1** (2): 14 [key].

1932 *Nymphon compactum*, - GORDON, Ann. Mag. Nat. Hist., **9** (10): 115-117, fig. 10a-c.

1974 *Nymphon compactum*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **98**: 278-280, pl. 1, figs. 1-7.

Distribution: New Zealand (east of Auckland), ?sub-Antarctic.

Depth range: 2013-3248m.

***Nymphon compactum* LOSINA-LOSINSKY, 1961**

1961 *Nymphon compactum* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 75-76, fig. 9.

Distribution: NW-Pacific.

Depth range: 2013-3248m

Remarks: homonym of *N. compactum* HOEK 1881.

***Nymphon conirostrum* STOCK 1973**

1973 *Nymphon conirostrum* STOCK, Beaufortia, **20** (266): 111-113, fig. 5.

Distribution: SE-Australia (West Island, Oedipus Point).

Depth range: 13m.

Habitat: "on cave floor and side; on hydroids" (STOCK).

***Nymphon crenatiunguis* BARNARD 1946**

1946 *Nymphon crenatiunguis* BARNARD, Ann. Mag. Nat. Hist., **13** (11): 60.

1954 *Nymphon crenatiunguis*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 101-102, fig. 7.

1988 *Nymphon crenatiunguis*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 162.

Distribution: South Africa.

Depth range: 80-200m.

***Nymphon crosnieri* STOCK 1965**

1965 *Nymphon crosnieri* STOCK, Beaufortia, **13** (151): 19-23, figs. 18-27.

Distribution: Madagascar.

Depth range: 35m.

Habitat: muddy sand.

***Nymphon curvidens* STOCK 1990**

1990 *Nymphon curvidens* STOCK, Zool. Meded., **63** (16): 223-226, figs. 8-9.

Distribution: Mauritania.

Depth range: 32m.

Habitat: shell gravel and bivalve shells, on *Pyura*.

***Nymphon diabolus* CHILD 1988**

- 1988 *Nymphon diabolus* CHILD, Smiths. Contr. Zool., **468**: 23-25, fig. 10.
 1988 *Nymphon diabolus*, - CHILD, Bull. biol. Soc. Wash., **8**: 75.
 1988 *Nymphon diabolus*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (3): 668-669.
 1991 *Nymphon diabolus*, - CHILD, Proc. biol. Soc. Wash., **104** (1): 145-146.

Distribution: Japan (Ryukyu Islands); Guam; Philippines (Negros, Siquijor and Apo Islands); Seychelles (Aldabra Atoll).

Depth range: 1-21m.

Habitat: coral reefs. - on reef front, found on dead branching coral.

***Nymphon discorsicoxae* CHILD 1982**

- 1982 *Nymphon discorsicoxae* CHILD, Smiths. Contr. Zool., **349**: 36-38, fig. 11.
 1991 *Nymphon discorsicoxae*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 177 [text].

Distribution: Brazil slope, off Recife.

Depth range: 587-1493m.

***Nymphon dissimilis* HEDGPETH 1949**

- 1949 *Nymphon dissimilis* HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 262-263, fig. 28.

Distribution: Japan.

Depth range: 1914m.

***Nymphon distensum* MÖBIUS 1902**

- 1902 *Nymphon distensum* MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 179-180, pl. XXV, figs. 1-6.
 1923 *Nymphon distensum*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 14 [key].
 1928 *Nymphon distensum*, - FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 10-11.
 1932 *Nymphon distensum*, - GORDON, Ann. Mag. Nat. Hist., **41** (3): 105-106, fig. 6a-b.
 1932 *Nymphon distensum*, - GORDON, Discovery Rep., **6**: 28-29, 35 [key].
 1944 *Nymphon distensum*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 20 [key].
 1954 *Nymphon distensum*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 98-100, fig. 5b.
 1988 *Nymphon distensum*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 163.
 1988 *Nymphon distensum*, - MUNILLA, Monogr. Zool. Mar., **3**: 187-189, figs. 6-7.

Distribution: South Africa (Cape Point to Zululand region;

Namibia).

Depth range: 80-560m.

Nymphon draconis CHILD 1990

1990 *Nymphon draconis* CHILD, Proc. biol. Soc. Wash., **103** (2): 324-327, fig. 5.

1992 *Nymphon draconis*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 163.

Distribution: Australian Barrier Reef; Malaysia (Pulau Tioman).

Depth range: 1-3m.

Habitat: dead corals, rubble.

Nymphon dubitabile STOCK 1973

1973 *Nymphon dubitabile* STOCK, Beaufortia, **20** (266): 109-111, fig. 4.

Distribution: SE-Australia (Western Port, Crawfish Rock).

Depth range: 10m.

Habitat: on *Amathea* sp. (Bryozoa) and *Aglaophenia plumosa* (Hydroida)

Nymphon duospinum (HILTON 1942)

1942 *Chaetonymphon duospinum* HILTON, J. Ent. Zool. Pomona College, **34** (1): 6.

1949 *Nymphon duospinum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 274, fig. 331.

Distribution: Alaska (Kiska Harbor).

Depth range: 18m.

Nymphon elegans HANSEN 1886

1891 *Nymphon elegans*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 86-89, pl. IX, fig. 1a-g.

1933 *Nymphon elegans*, - STEPHENSEN, Medd. Grönland, **79** (6): 17.

1943 *Nymphon elegans*, - HEDGPETH, J. Wash. Acad. Sci., **33**: 87.

1963 *Nymphon elegans*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1332.

Distribution: European Arctic across Russia to about 80° E.

Depth range: eurybathic (100-1358m).

Nymphon elongatum HILTON 1942

1942 *Nymphon elongatum* HILTON, J. Ent. Zool. Pomona College, **34** (1): 5.

1949 *Nymphon elongatum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 251-252, fig. 22, 273, fig. 34f.

1971 *Nymphon elongatum*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 320.

1987 *Nymphon elongatum*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 158, fig. 15A-

H.

Distribution: Japan; Korea.**Depth range:** 110-132m.***Nymphon falcatum* UTINOMI 1955**

- 1955 *Nymphon falcatum* UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 15-17, fig. 9.
 1956 *Nymphon falcatum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 94.
 1965 *Nymphon falcatum*, - STOCK, Beaufortia, **13** (151): 21.
 1971 *Nymphon falcatum*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 321.
 1991 *Nymphon falcatum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 47.

Distribution: Japan.**Depth range:** 120-421m.***Nymphon femorale* FAGE 1956**

- 1956 *Nymphon femorale* FAGE, Galathea Rep., **2**: 161-163, figs. 5-7.
 1966 *Nymphon femorale*, - BELYAEV, Trudy Inst. Okeanol. Akad. Nauk SSSR, **591**: 77.
 1968 *Nymphon femorale*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 32-33, fig. 10i-j.
 1969 *Nymphon femorale*, - TURPAEVA, In: V.G. Kort, ed., Biol. Tikhogo okeana, **2**, Glubokavod naia donna fauna pleuston; Akad. Nauk SSR, Inst. Okeanol: tab. 14.
 1979 *Nymphon femorale*, - MARSHALL, Developments in Deep Sea Biol.: 204, fig. 87.
 1984 *Nymphon femorale*, - STOCK, Bull. Mus. natn. Hist. nat., Paris, (4), **6**, (3): 701-702.

Distribution: Indian Ocean (between Seychelles and Sri Lanka; Carpenter Ridge).**Depth range:** 4040-6650m.***Nymphon flindersi* CHILD 1975**

- 1975 *Nymphon flindersi* CHILD, Smiths. Contr. Zool., **190**: 3-5, fig. 2.

Distribution: Australia (West of Garden Island).**Depth range:** 17-33m.***Nymphon floridanum* HEDGPETH 1948**

- 1910 *Nymphon* sp., - COLE, Biol. Bull. Woods Hole Mar. Biol. Lab., **18** (4): 196.
 1948 *Nymphon floridanum* HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 196-199, fig. 17 (only long-necked form).
 1955 *Nymphon floridanum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 215, fig. 1a (only long-necked form).
 1973 *Nymphon floridanum*, - KRAEUTER, J. nat. Hist., **7**: 494.
 1975 *Nymphon floridanum*, - STOCK, Bull. mar. Sci., **24** (4): 994-998, figs. 14-15.
 1976 *Nymphon floridanum*, - KRAPP & KRAEUTER, Bonn. zool. Beitr., **27** (3-4): 336-337.

- 1979 *Nymphon floridanum*, - CHILD, Smiths. Contr. Zool., **293**: 37.
 1982 *Nymphon floridanum*, - CHILD, Smiths. Contr. mar. Sci., **12**: 374.
 1986 *Nymphon floridanum*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1.
 1992 *Nymphon floridanum*, - CHILD, Mem. Hourglass Cruises, **9** (1): 70 [key], 71-72, fig. 33, 76 [tab. 12], 78 [tab. 14].

Distribution: U.S.A. (Georgia) to north-eastern coast of South America (French Guiana).

Depth range: 1-402m.

Habitat: in a variety of substrata.

Nymphon forceps NAKAMURA & CHILD 1991

- 1991 *Nymphon forceps* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 47-49, fig. 17.

Distribution: Japan.

Depth range: 410-440m.

Nymphon foresti FAGE 1953

- 1953 *Nymphon foresti* FAGE, Bull. Mus. natn. Hist. nat., Paris, (2), **25** (4): 378-380, figs. 3-4.

Distribution: E-Atlantic (Guibnée française).

Depth range: 30m.

Habitat: in samples with shells, sponges and hydroids.

Nymphon foxi CALMAN 1927

- 1927 *Nymphon foxi* CALMAN, Trans. Zool. Soc. London, **22** (3): 403-405, fig. 102.
 1938 *Nymphon foxi*, - CALMAN, Sci. Rep. John Murray Exped., **5** (6): 152.
 1957 *Nymphon foxi*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 86-87, fig. 4.
 1968 *Nymphon foxi*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 31-32.
 1989 *Nymphon foxi*, - MÜLLER, Senckenbergiana marit., **20** (5/6): 284-287, figs. 28-34.

Distribution: Suez Canal; Arabian Coast; Gulf of Aden; SE Australia.

Depth range: 40-1315m.

Habitat: gravel.

Nymphon frigidum HODGSON 1907

- 1907 *Nymphon frigidum* HODGSON, Rep. Natn. Antarct. Exped., 1901-1904, Nat. Hist., **3**: 25-26, pl. III, fig. 4, pl. X, fig. 10.
 1938 *Nymphon longitarse* var. *antarctica*, - HELFER, Sitz.-Ber. Ges. naturforsch. Freunde Berlin, 1937 (2): 167-168, fig. 2a, c, e.
 1944 *Nymphon frigidum*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 21 [key].
 1953 *Nymphon frigidum*, - STOCK, Beaufortia, **35** (4): 36.

Distribution: Antarctica.

Nymphon fuscum HOEK 1881

1881 *Nymphon fuscum* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 48-49, pl. IV, figs. 8-11.

Distribution: off Kerguelen Island.

Depth range: 46m.

Nymphon galathea FAGE 1956

1956 *Nymphon galathea* FAGE, Galathea Rep., **2**: 159-161, figs. 1-4.

Distribution: Southern Oceans.

Depth range: 5340-5850m.

Nymphon gerlachei GILTAY 1935

1935 *Nymphon gerlachei* GILTAY, Res. Voy. Belgica, Zool.: 7-10, figs. 5-9.

Distribution: Antarctica.

Depth range: 460m.

Nymphon giltayi HEDGPETH 1948

1948 *Nymphon giltayi* HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 195-196, fig. 16.

Distribution: NW-Atlantic.

Nymphon giraffa LOMAN 1908

1908 *Nymphon giraffa* LOMAN, Siboga Exped. Monogr., **40**: 39-40, pl. VI, figs. 74-82.

1962 *Nymphon giraffa*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 92, figs. 1-2.

1971 *Nymphon giraffa*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 321.

1987 *Nymphon giraffa*, - NAKAMURA, Biol. Lab., Imperial Household: 3-4, pl. 1.

Distribution: Makassar Strait, Indonesia; Sagami Bay, Japan.

Depth range: 16-70m.

Nymphon gracile LEACH 1814

1923 *Nymphon gracile*, - BOUVIER, Faune de France, **7**: 30.

1932 *Nymphon gracile*, - FAGE, Arch. Zool. Exp. Gén., **74** (14): 251-261 [occurrence in plankton].

- 1945 *Nymphon gracile*, - LEBOUR, J. Mar. Biol. Ass. U.K., **26**: 143.
 1972 *Nymphon gracile*, - KING, J. nat. Hist., **6**: 621.
 1973 *Nymphon gracile* ARNAUD, Tethys, **5** (1): 152.
 1973 *Nymphon gracile*, - JARVIS & KING, Mar. Behav. Physiol., **2**: 1-13
 [ultrastructure of photoreceptors].
 1974 *Nymphon gracile*, - KING, A Synopsis of the British Sea Spiders. Synopses of
 the British Fauna (New Ser.), **5**: 14 [key], 16-17, fig. 5.
 1976 *Nymphon gracile*, - ARNAUD, Acta Ecol. Iranica, **1**: 69.
 1978 *Nymphon gracile*, - STOCK, Zool. J. Linn. Soc., **63**: 59-74 (chemical sense,
 food preference).
 1979 *Nymphon gracile*, - JARVIS & KING, Mar. Behav. Physiol., **6**: 307-317 [response
 to light stimuli].
 1987 *Nymphon gracile*, - Arnaud, Mesogee, **47**: 53.
 1990 *Nymphon gracile*, - STOCK, Zool. Meded., **63** (16): 226.
 1993 *Nymphon gracile*, - HARMS, Helgoländer Meeresuntersuch., **47**: 24, tab. 3.

Distribution: NE-Atlantic, from Denmark to the Mediterranean.

Depth range: 0-52m.

Habitat: feeds on *Laomedea* and *Dynamena pumila* hydroids; also on *Actina equina Bowerbankia* and feeding on *Nucella* eggs; further on drifting weed, on rocks among sponges, polyzoans, tunicates and *Serturella*.

***Nymphon gracilipes* MIERS 1875**

- 1891 *Nymphon gracilipes*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6**
 (3): 83-86, pl. VIII, fig. 3a-g.
 1902 *Nymphon gracilipes*, - MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia",
 1898-1899, **3**: 180, pl. XXV, figs. 7-8.
 1915 *Nymphon gracilipes*, - CALMAN, Ann. Mag. Nat. Hist., **15**: 584-588, figs. 1-4.
 1944 *Nymphon gracilipes*, - GORDON, Rep. Brit., Austr., and N.Z. Antarct. Res.
 Exped., (B), **5** (1): 22-23.
 1972 *Nymphon gracilipes*, - ARNAUD, Bull. Mus. natn. Hist. nat., (3) **51** (65): 808.

Distribution: Antarctica (off Gauss and Weddell Quadrants); Kerguelen.

Depth range: 10-3055m.

***Nymphon gracillimum* CALMAN 1915**

- 1915 *Nymphon gracillimum* CALMAN, Rep. Brit. Antarct. "Terra Nova" Exped., Zool.
3: 30-32, fig. 5.
 1932 *Nymphon gracillimum*, - GORDON, Discovery Rep., **6**: 42-43, figs. 12b, 13a.
 1992 *Nymphon gracillimum*, - STOCK, Tijdschr. Ent., **135**: 124, 126 [text].

Distribution: cold to polar waters in Southern Hemisphere; Antarctica.

Depth range: 200-234m.

***Nymphon granulatum* ARNAUD & CHILD 1988**

- 1988 *Nymphon granulatum* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 163-166, fig. 10.

Distribution: South Africa.
Depth range: 620-850m.

***Nymphon groenlandicum* MEINERT 1899**

- 1899 *Nymphon groenlandicum* MEINERT, Danish Ingolf-Exped., **3** (1): 41-42, pl. III, figs. 14-22.
 1933 *Nymphon groenlandicum*, - STEPHENSEN, Medd. Grönland, **79** (6): 15.

Distribution: Arctica (Greenland).
Depth range: 339fms-740m.
Habitat: soft, gray clay, numerous pebbles, mostly granite.

***Nymphon grossipes* KRØYER 1845**

- 1780 ?*Pycnogonum grossipes* FABRICIUS, Fauna Groenlandica: 229.
 1945 *Nymphon grossipes* KRØYER, Naturhistorisk Tidsskr., Kobenhav, **1** (2): 108.
 1853 *Nymphon grossipes*, - STIMPSON, Smiths. Contr. Knowl., **6** (5): 38.
 1874 *Nymphon grossipes*, - VERRILL, Am. J. Sci. & Arts, **3** (7): 411.
 1874 *Nymphon grossipes*, - VERRILL, Am. J. Sci. & Arts, **3** (7): 502.
 1878 *Nymphon grossipes*, - WILSON, Trans. Conn. Acad. Arts & Sci., **5**: 20-22, pl. 17, fig. 1a-q.
 1880 *Nymphon grossipes*, - WILSON, Rep. U.S. Fish. Comm., **6**: 491-494, pl. 6, figs. 32-37, pl. 7, fig. 42
 1881 *Nymphon grossipes*, - HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 44-45, pl. III, figs. 9-12, pl. IV, fig. 1.
 1881 *Nymphon grossipes*, - Wilson, Bull. Mus. Comp. Zool., Harvard, **8** (12): 253.
 1885 *Nymphon grossipes*, - VERRILL, Rep. U.S. Comm. Fish., 1883: 561.
 1891 *Nymphon glaciale*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 63-65, pl. VI, fig. 1a-q
 1891 *Nymphon grossipes*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 65-68, pl. 6, fig. 2a-i
 1891 *Nymphon mixtum*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 68-71, pl. 6, fig. 3a-i
 1901 *Nymphon grossipes*, - WHITEAVES, Ann. Mag. Nat. Hist. **10** (4): 264.
 1913 *Nymphon grossipes*, - SUMNER, OSBURN & COLE, Bull. Bur. Fish., Washington, **31** (1, 2): 677.
 1916 *Nymphon grossipes*, - APPELLÖF, Kungl. Svensk. Vetensk. Handl., **54** (5): 13-16, figs. 5-6.
 1930 *Nymphon grossipes* var. *mixtum* SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 416-421, figs. 107-109.
 1930 *Nymphon grossipes* var. *glaciale* SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 421-425, figs. 110-112.
 1933 *Nymphon grossipes*, - LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 70-71.
 1933 *Nymphon grossipes* subsp. *glaciale* LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 69-70.
 1933 *Nymphon grossipes*, - STEPHENSEN, Medd. Grönland, **79** (6): 11-12.
 1934 *Nymphon grossipes mixtum*, - GILTAY, Can. Field Naturalist, **48**: 50.

- 1936 *Nymphon turritum* EXLINE, Proc. U.S. natn. Mus., **83** (2991): 416-418, figs. g-k.
- 1936 *Nymphon mixtum*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 862.
- 1942 *Nymphon glaciale*, - GILTAY, J. Fish. Res. Board Canada, **5** (5): 459.
- 1942 *Nymphon mixtum*, - HILTON, J. Ent. Zool. Pomona College, **34** (1): 5.
- 1942 *Nymphon oculospinum* HILTON, - J. Ent. Zool. Pomona College, **34** (1): 4-5.
- 1942 *Nymphon nigrognathum* HILTON, J. Ent. Zool. Pomona College, **34** (1): 6.
- 1942 *Nymphon turritum*, - HILTON, J. Ent. Zool. Pomona College, **34** (1): 6.
- 1942 *Nymphon grossipes*, - HILTON, J. Ent. Zool. Pomona College, **34** (1): 7.
- 1943 *Nymphon grossipes*, - HEDGPETH, J. Wash. Acad. Sci., **33**: 85-86.
- 1943 *Nymphon glaciale*, - NEEDLER, Can. Atl. Fauna, **10**: 8, fig. 7a-e.
- 1943 *Nymphon grossipes*, - NEEDLER, Can. Atl. Fauna, **10**: 5-7, fig. 5a-e.
- 1943 *Nymphon mixtum*, - NEEDLER, Can. Atl. Fauna, **10**: 7, fig. 6a-e.
- 1943 *Nymphon grossipes*, - STEPHENSEN, Medd. Grönland, **121** (8): 18-20, fig. 6.
- 1948 *Nymphon grossipes*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 187-189, fig. 13a.
- 1949 *Nymphon grossipes*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 247.
- 1949 *Nymphon nigrognathum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 274, fig. 34g.
- 1955 *Nymphon grossipes*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 4-5, fig. 1.
- 1959 *Nymphon grossipes*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 198.
- 1961 *Nymphon grossipes*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 69-70.
- 1961 *Nymphon grossipes* n. var. *longidactylus* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 70, fig. 5.
- 1963 *Nymphon grossipes*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1329-1330.
- 1971 *Nymphon grossipes*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **92**: 275, pl. 1, figs. 1-5.
- 1971 *Nymphon grossipes*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 318.
- 1991 *Nymphon grossipes*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 49.

Distribution: circumboreal, more often taken in N-Atlantic and Alaskan-Russian Arctic localities.

Depth range: 11-1025m.

Habitat: mud and stones.

***Nymphon grus* STOCK 1991**

- 1991 *Nymphon grus* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 220-223, figs. 5-6.

Distribution: Philippines.

Depth range: 266m.

***Nymphon gruveli* BOUVIER 1910**

- 1910 *Nymphon gruveli* BOUVIER, Act. Soc. Linn., Bordeaux, **64**: 331-335, figs. 1-6.
- 1928 *Nymphon gruveli*, - LOMAN, Bull. Soc. Sci. Nat. Phys. Maroc, **8** (1-3): 63-64.
- 1929 *Nymphon gruveli*, - LOMAN, Bull. Soc. Sci. Nat. Maroc, **9** (1-6): 71.
- 1937 *Nymphon gruveli*, - GILTAY, Mém. Mus. Roy. Hist. nat. Belg., **9** (2): 83-84, fig. 1.
- 1942 *Nymphon gruveli*, - FAGE, Arch. Zool. Gen., **82** (Notes & Rev., 2): 76-77.
- 1951 *Nymphon gruveli*, - STOCK, Mem. Inst. Roy. Sci. Nat. Belg., **43** (2): 8.

- 1959 *Nymphon gruveli*, - FAGE, Res. Sci. Campagne Calypso, **4**: 236, fig. 1b.
 1966 *Nymphon gruveli*, - STOCK, Atlantide Rep., **9**: 46-47.
 1990 *Nymphon gruveli*, - STOCK, Zool. Meded., **63** (16): 226-227, fig. 10.

Distribution: NW-Africa, from Morocco to Senegal.

Depth range: 18-150m.

Habitat: sand, shells, bryozoans, muddy sand, hard bottom, sponges, brown algae, worm tubes, calcareous gravel.

***Nymphon gunteri* HEDGPETH 1949**

- 1949 *Nymphon gunteri* HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 257-259, fig. 26.
 1987 *Nymphon gunteri*, - NAKAMURA, Biol. Lab., Imperial Household: 4-5, pl. 2.
 1991 *Nymphon gunteri*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 49.

Distribution: Japan.

Depth range: 100-2000m.

***Nymphon hadale* CHILD 1982**

- 1982 *Nymphon hadale* CHILD, Smiths. Contr. Zool., **349**: 38-40, fig. 12.

Distribution: Argentine Basin.

Depth range: 4435-5781m.

***Nymphon hamatum* HOEK 1881**

- 1881 *Nymphon hamatum* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 36, pl. I, figs. 1-9.
 1913 *Nymphon hamatum*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 72 [key].
 1923 *Nymphon hamatum*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 14 [key].
 1932 *Nymphon hamatum*, - GORDON, Ann. Mag. Nat. Hist., **9** (10): 109-112, fig. 9b.

Distribution: southern Oceans.

Depth range: 2516-2928m.

***Nymphon hampsoni* CHILD 1982**

- 1982 *Nymphon hampsoni* CHILD, Smiths. Contr. Zool., **349**: 40-42, fig. 13.

Distribution: Argentine Basin, off the Rio de la Plata.

Depth range: 993-2323m.

***Nymphon hedgpethi* STOCK 1953**

- 1953 *Nymphon hedgpethi* STOCK, Temminckia, **9**: 285-288, fig. 7.

Distribution: East Indian Archipelago.
Depth range: 686m.

Nymphon heterodenticulatum HEDGPETH 1941

1941 *Nymphon heterodenticulatum* HEDGPETH, Am. Midl. Nat., **25** (2): 447-449, pl. 1 (figs. a-h).

Distribution: southern California.
Depth range: 146m.
Habitat: dead and bleached corallines.

Nymphon heterodentum TURPAEVA 1991

1991 *Nymphon heterodentum* TURPAEVA, Zool. Zh., **70** (12): 34-37, fig. 1.

Distribution: shelf and slope of south-eastern Africa.
Depth range: 355-529m.

Nymphon heterospinum HEDGPETH 1949

1949 *Nymphon heterospinum* HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 259-260, fig. 27.

1991 *Nymphon heterospinum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 49.

Distribution: Japan.
Depth range: 102-563m.

Nymphon hiemale HODGSON 1907

1932 *Nymphon hiemale*, - GORDON, Discovery Rep., **6**: 39-42, figs. 12a, 13c.

1974 *Nymphon hiemale*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **98**: 278.

1992 *Nymphon hiemale*, - STOCK, Tijdschr. Ent., **135**: 124, 126 [text].

Distribution: cold to polar waters in Southern Hemisphere; Antarctica.

Depth range: 110-342-?1613m.

Nymphon hirtipes BELL 1853

1853 *Nymphon hirtipes* BELL, In: The Last of the Arct. Voyages, being a Narrative of the Exped. of HMS Assistance, under the command of Captain Sir Edward Belcher, **2**: 403, pl. 35, fig. 3.

1878 *Nymphon hirtipes*, - WILSON, Trans. Conn. Acad. Arts & Sci., **5**: 22-23, pl. 5, figs. 2-3, pl. 6, fig. 2a-k.

1880 *Nymphon hirtum* WILSON, - Rep. U.S. Fish. Comm., **6**: 495-497, pl. 7, figs. 38-41.

1891 *Chaetonymphon hirtipes*, SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 103-107, pl. XI, fig. 2a-k.

1901 *Nymphon hirtum*, - WHITEAVES, Ann. Mag. Nat. Hist., **10** (4): 264.

- 1933 *Chaetonymphon hirtipes*, - STEPHENSEN, Medd. Grönland, **79** (6): 8-9, figs. 2 (map), 10.
 1943 *Nymphon hirtipes*, - HEDGPETH, J. Wash. Acad. Sci., **33**: 83, 85.
 1943 *Chaetonymphon hirtipes*, - NEEDLER, Can. Atl. Fauna, **10**: 11-12, fig. 14a-e.
 1943 *Chaetonymphon hirtipes*, - STEPHENSEN, Medd. Grönland, **121** (8): 9-14, figs. 2-3.
 1948 *Nymphon hirtipes*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 183-185, figs. 10b, 11b.
 1963 *Nymphon hirtipes*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1326-1327.

Distribution: Arctic and boreal-Arctic, distributed in the N-Atlantic and from Kara Sea to NW-Greenland; also known from eastern U.S.A.

Depth range: 2-399m.

Habitat: gravel; mud and pebbles; mud and stones.

***Nymphon hirtum* KRØYER 1838**

- 1891 *Chaetonymphon hirtum*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 101-103, pl. XI, fig. 1a-g.
 1898 *Chaetonymphon hirtum*, - HOEK, Tijdschr. Nederl. Dierk. Ver., ser. 2, vol. **1**: 297-300, pl. III, figs. 14-19.
 1963 *Nymphon hirtum*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1327.
 1974 *Nymphon hirtum*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 14 [key], 15, fig. 4.

Distribution: Iceland to Murmansk Sea, along the coast of Norway, south to Belgium.

Depth range: 79-below 200m.

***Nymphon hodgsoni* SCHIMKEWITSCH 1913**

- 1913 *Nymphon hodgsoni* SCHIMKEWITSCH, Ann. Mus. Zool. Acad. Imp. Sci. St.-Petersbourg, **18**: 244-248, pl. 3, figs. 15-25.
 1930 *Nymphon hodgsoni*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nau SSSR, **2**: 512-517, figs. 161-166, pl. 10.
 1933 *Nymphon hodgsoni*, - LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 71.
 1936 *Nymphon hodgsoni*, - OHSHIMA, Dêbutsugaku Zasshi, **48** (8-10): 863.
 1949 *Nymphon hodgsoni*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 250, fig. 21d-g.
 1961 *Nymphon hodgsoni*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 63.
 1971 *Nymphon hodgsoni*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **92**: 275.
 1971 *Nymphon hodgsoni*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 319.

Distribution: Japan Sea; Tatory Straits; Okhotsk Sea; southern Kuriles.

Depth range: 72-414m.

***Nymphon hoekii* MEINERT 1899**

- 1899 *Nymphon hoekii* MEINERT, Danish Ingolf Exped., 3 (1): 39-41, pl. III, fig. 7-13.

Distribution: Arctica, between Greenland and Iceland (Denmark Strait).

Depth range: 1376m.

***Nymphon immane* STOCK 1954**

- 1954 *Nymphon immane* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 25-28, figs. 9-10.

- 1963 *Nymphon immane*, - CLARK, Rec. Austr. Mus., **26** (1): 7, fig. 4A-B.

Distribution: Australia (off Eden, New South Wales).

Depth range: 37-540m.

Habitat: soft bottom.

***Nymphon improcerum* NAKAMURA & CHILD 1991**

- 1991 *Nymphon improcerum* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 49-51, fig. 18.

Distribution: Japan (Sagami Bay).

Depth range: 33-41m.

***Nymphon inaequipes* STOCK 1992**

- 1992 *Nymphon inaequipes* STOCK, Tijdschr. Ent., **135**: 124-126, 128 [text], 139, figs. 35-46.

Distribution: southern Brazil.

Depth range: 26-500m.

***Nymphon inerme* FAGE 1956**

- 1956 *Nymphon inerme* FAGE, Galathea Rep., **2**: 163-164, figs. 8-10.

- 1969 *Nymphon inerme*, - TURPAEVA, in: V.G. Kort, ed., Biol. Tikhogo okeana, **2**, Glubokavod naia donna fauna pleuston, Akad. Nauk, SSR, Inst. Okeanol: pl. 14.

- 1971 *Nymphon inerme*, - STOCK, Bull. Zoöl. Mus., Univ. Amsterdam, **2** (4): 25-26, figs. 2-9.

- 1974 *Nymphon inerme*, - ARNAUD, Bull. Zoöl. Mus., Univ. Amsterdam, **3** (21): 170-171.

- 1981 *Nymphon inerme* STOCK, Cah. Biol. Mar., **22**: 455.

- 1982 *Nymphon inerme*, - CHILD, Smiths. Contr. Zool., **349**: 42.

Distribution: Kermadec Trench in the Pacific; between Greenland and Labrador Sea; Azores; Argentine Basin; Walvis Basin.

Depth range: 3550-4410m.

***Nymphon infundibulum* NAKAMURA & CHILD 1991**

- 1991 *Nymphon infundibulum* NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **512**: 51-53, fig. 19.

Distribution: Japan (Kii Strait, central Honshu).

Depth range: 353-492m.

***Nymphon japonicum* ORTMANN 1890**

- 1891 *Nymphon japonicum* ORTMANN, *Zool. Jb. (Syst.)*, **5** (1): 158-159, pl. 24, fig. 1.
 1899 *Nymphon japonicum*, - SHISHIDO, *Dôzatsu*, **11** (128): 198.
 1911 *Nymphon japonicum*, - LOMAN, *Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-Nat. Kl.)*, Suppl. **2** (4): 8.
 1919 *Nymphon japonicum*, - FUKUI, *Rigakukai[?]*, **16** (2): 99.
 1936 *Nymphon japonicum*, - OHSHIMA, *Dôbutsugaku Zasshi*, **48** (8-10): 8.
 1949 *Nymphon japonicum*, - HEDGPETH, *Proc. U.S. natn. Mus.*, **98** (3231): 249-250, fig. 20a-e.
 1951 *Nymphon japonicum*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **1** (4): 159-160.
 1954 *Nymphon japonicum*, - STOCK, *Vidensk. Medd. dansk naturhist. Foren.*, **116**: 18-20, fig. 6a-c.
 1955 *Nymphon japonicum*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **5** (1): 5-6.
 1959 *Nymphon japonicum*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **7** (2): 199.
 1962 *Nymphon japonicum*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **10** (1): 92.
 1971 *Nymphon japonicum*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **18** (5): 320.
 1983 *Nymphon japonicum*, - NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **386**: 56.
 1987 *Nymphon japonicum*, - HONG & KIM, *Kor. J. Syst. Zool.*, **3** (2): 158-160, fig. 16A-H.
 1987 *Nymphon japonicum*, - NAKAMURA, *Biol. Lab., Imperial Household*: 5.

Distribution: Japan.

Depth range: 20-5488m.

Habitat: hard bottom.

***Nymphon kensleyi* CHILD 1988**

- 1988 *Nymphon kensleyi* CHILD, *Bull. biol. Soc. Wash.*, **8**: 70-72, fig. 7.

Distribution: Belize (Carrie Bow Cay).

Depth range: 15m.

Habitat: "rubble from outer reef ridge" (CHILD).

***Nymphon kodanii* HEDGPETH 1949**

- 1949 *Nymphon kodanii* HEDGPETH, *Proc. U.S. natn. Mus.*, **98** (3231): 252-254, fig. 23a-j.
 1954 *Nymphon kodanii*, - STOCK, *Vidensk. Medd. dansk naturhist. Foren.*, **116**: 21.
 1955 *Nymphon kodanii*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **5** (1): 7-8, fig. 3.
 1962 *Nymphon kodanii*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **10** (1): 92.
 1971 *Nymphon kodanii*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **18** (5): 320.
 1971 *Nymphon kodanii*, - TURPAEVA, *Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk*

SSSR, **92**: 275-276, pl. 1, figs. 6-9.

1991 *Nymphon kodanii*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 53.

Distribution: Sea of Japan.

Depth range: 75-1970m.

Habitat: sand bottom.

***Nymphon kurilense* LOSINA-LOSINSKY, 1961**

1961 *Nymphon kurilense* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 74-75, fig. 8.

Distribution: NW-Pacific.

Depth range: 3-52m.

***Nymphon kurilokamtchaticum* TURPAEVA 1971**

1971 *Nymphon kurilokamtchaticum* TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **92**: 277-279, pl. 3, figs. 1-8.

Distribution: Kurile-Kamtchatka.

Depth range: 2770-2820m.

***Nymphon lanare* HODGSON 1907**

1907 *Nymphon lanare* HODGSON, Rep. Natn. Antarct. Exped. 1901-1904, Nat. Hist., **3**: 22, pl. III fig. 2, pl. X fig. 9.

1913 *Nymphon charcoti*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 81-86, figs. 32-34.

1915 *Nymphon charcoti*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 29.

1923 *Nymphon lanare*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 16.

1932 *Nymphon charcoti*, - GORDON, Discoverey Rep., **6**: 28-29 [tab.], 34 [key], 51-54, fig. 10b.

1944 *Nymphon lanare*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 18 [tab. + key].

1965 *Nymphon lanare*, - STOCK, Bull. Inst. Roy. Sci. Nat. Belg., **41** (31): 2.

1974 *Nymphon charcoti*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **98**: 280.

1980 *Nymphon lanare*, - KRAPP, Bull. Inst. Roy. Sci. Nat. Belg., **52** (18): 3.

Distribution: Antarctica.

Depth range: 60-391m.

***Nymphon laterospinum* STOCK 1963**

1963 *Nymphon laterospinum* STOCK, Ann. S. Afr. Mus., **46** (12): 322-323, fig. 1.

1978 *Nymphon laterospinum*, - STOCK, Cah. Biol. Mar., **19**: 211-212, fig. 9a-d.

1982 *Nymphon laterospinum*, - CHILD, Smiths. Contr., **349**: 42.

1984 *Nymphon laterospinum*, - STOCK, Bull. Mus. natn. Hist. nat., Paris, (4) **6**

(sec. A) (3): 702.

1984 *Nymphon laterospinum*, - STOCK, J. mar. biol. Ass. U.K., **64**: 746.

1991 *Nymphon laterospinum*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 180.

Distribution: NE-Atlantic; off Saldanha Bay; off Rio de la Plata; Newfoundland Basin; off Durban, Indian Ocean.

Depth range: 1894-4715.

Nymphon leptocheles SARS 1888

1891 *Nymphon leptocheles*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 78-80, pl. VIII, fig. 1a-i.

1933 *Nymphon leptocheles*, - STEPHENSEN, Medd. Grönland, **79** (6): 15-16.

1983 *Nymphon leptocheles* BAMBER, Zool. J. Linn. Soc., **77**: 66-68.

Distribution: N-Atlantic, inclusive Arctica.

Depth range: 600-1300m.

Nymphon lituus CHILD 1979

1979 *Nymphon lituus* CHILD, Smiths. Contr. Zool., **293**: 38-40, fig. 13.

Distribution: Mexico Pacific (Gulf of California); Panamá Pacific.

Depth range: 0-9m.

Habitat: associated with floating *Sargassum*; among hydroids and bryozoans on rocky shore.

Nymphon lobatum STOCK 1962

1962 *Nymphon lobatum* STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 278-281, figs. 3-4.

1966 *Nymphon lobatum*, - STOCK, Atlantide Rep., **9**: 47-48, fig. 1a-b.

Distribution: E-Atlantic; South Africa.

Depth range: 40-93m.

Habitat: rocks.

Nymphon lomani GORDON 1944

1944 *Nymphon lomani* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 24-24, fig. 4a-c.

Distribution: Antarctica

Depth range: 180-220m.

Nymphon longicaudatum CARPENTER 1904

1904 *Nymphon longicaudatum* CARPENTER, Ceylon Pearl Oyster Fish., 1904, Suppl. Rep., **13**: 183, figs. 8-14.

1968 *Nymphon longicaudatum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**:

31, fig. 10b-d.

Distribution: India (Pamban Pass, Gulf of Manaar).

Depth range: 5-7m.

***Nymphon longicollum* HOEK 1881**

- 1881 *Nymphon longicollum* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 40-41, pl. II, figs. 1-5, pl. XV, figs. 8-9.
 1913 *Nymphon longicollum*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 72 [key].
 1923 *Nymphon longicollum*, - BOUVIER, Faune de France, **7**: 14 [key].
 1932 *Nymphon longicollum*, - GORDON, Ann. Mag. Nat. Hist., **9** (10): 106-109, figs. 7a-c, 8a.

Distribution: off the coast of Chile; New Zealand (E of Auckland).

Depth range: 2013-4072m.

***Nymphon longicoxa* HOEK 1881**

- 1881 *Nymphon longicoxa* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 38, 39, pl. 2, figs. 1-5, pl. XV, figs. 8-9.
 1908 *Nymphon longicoxa*, - HODGSON, Trans. Roy. Soc. Edinburgh, **46** (1) (6): 165, pl. I, figs. 3, 3a.
 1913 *Nymphon longicoxa*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 72 [key].
 1923 *Nymphon longicoxa*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 14 [key].
 1932 *Nymphon longicoxa*, - GORDON, Ann. Mag. Nat. Hist., **9** (10): 106-109, figs. 7a-c, 8a.
 1932 *Nymphon longicoxa*, - GORDON, Discovery Rep., **6**: 28, 32, 34.
 1935 *Nymphon longicoxa*, - GILTAY, Res. Voy Belgica 1897-99, Zool.: 5-7, figs. 1-4.
 1956 *Nymphon longicoxa*, - FAGE, Galathea Rep., **2**: 164.
 1956 *Nymphon longicoxa*, - FAGE, Galathea Rep., **2**: 168.
 1958 *Nymphon longicoxa*, - CLARK, Zool. Publ. Univ. Wellington, **23**: 1-2.
 1974 *Nymphon longicoxa*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **98**: 281-282.
 1976 *Nymphon longicoxa*, - ZHARKOVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **99**: 241-243, fig. 1.
 1982 *Nymphon longicoxa*, - CHILD, Smiths. Contr. Zool., **349**: 43.

Distribution: southeast of New Zealand; off Antarctica; Scotia Sea; Argentine Basin, off Rio de la Plata.

Depth range: 318-2578m.

Habitat: grey mud.

***Nymphon longimanum* G.O. SARS 1888**

- 1891 *Nymphon longimanum*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 93-95, pl. X, fig. 1a-f.

- 1956 *Nymphon longimanum*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **54**: 33-48, fig. 1.

Distribution: Arctica.
Depth range: 110m.

Nymphon longisetosum (HODGSON 1915)

- 1927 *Chaetonymphon longisetosum*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 326-327, fig. 5.

Distribution: Antarctica.
Depth range: 385m.

Nymphon longispinum NAKAMURA & CHILD 1991

- 1991 *Nymphon longispinum* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 53-55, fig. 20.

Distribution: Japan (northern Honshu).
Depth range: 700-950m.

Nymphon longitarse KRØYER 1844

- 1844 *Nymphon longitarse* KRØYER, Naturhistorisk Tidsskr., København, **1** (2): 112.
1878 *Nymphon longitarse*, - WILSON, Trans. Conn. Acad. Arts & Sci., **5**: 19, pl. 7, fig. 2a-h.
1880 *Nymphon longitarse*, - WILSON, Rep. U.S. Fish. Comm., **6**: 489-491, pl. 6, fig. 30.
1891 *Nymphon longitarse*, - SARS, Norw. North-Atl. Exped., 1878-1878, **6**: 75-78, pl. VII, fig. 3a-h.
1901 *Nymphon longitarse*, - WHITEAVES, Ann. Mag. Nat. Hist., **10** (4): 264.
1908 *Nymphon longitarse*, - NORMAN, J. Linn. Soc. London (Zool.), **30**: 212-213.
1916 *Nymphon longitarse*, - APPELLÖF, Kungl. Svensk. Vetensk. Handl., **54** (5): 4-5.
1933 *Nymphon longitarse*, - LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 67-68.
1933 *Nymphon longitarse*, - STEPHENSEN, Medd. Grönland, **79** (6): 13-14, fig. 3 (map).
1936 *Nymphon longitarse*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 862.
1943 *Nymphon longitarse*, - HEDGPETH, J. Wash. Acad. Sci., **33**: 86.
1943 *Nymphon longitarse*, - NEEDLER, Can. Atl. Fauna, **10**: 9, fig. 9a-e.
1943 *Nymphon longitarse*, - STEPHENSEN, Medd. Grönland, **121** (8): 21-22.
1947 *Nymphon longitarse*, - OHSHIMA & KISHIDA, Illustr. Encyclopaedia Fauna Japan: 1006, fig. 2855.
1948 *Nymphon longitarse*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 190, fig. 13b.
1949 *Nymphon longitarse*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 247-248.
1955 *Nymphon longitarse*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 214, 217.
1961 *Nymphon longitarse*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 65.
1963 *Nymphon longitarse*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1330-1331.

- 1971 *Nymphon longitarse*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 318.
 1982 *Nymphon longitarse*, - CHILD, Smiths. Contr. Zool., **349**: 43.

Distribution: circumpolar in boreal-arctic waters.
Depth range: 16-137m.
Habitat: mud; stones.

***Nymphon longituberculatum* OHLSEN 1913**

- 1913 *Nymphon longituberculatus* OHLSEN, Rep. Sci. Res. M. Sars N-Atl. Deep-Sea Exped. 1910, vol. **3** (pt. 1, Zool.): 5-6, figs. 5-9, pl. 1, fig. B.

Distribution: N-Atlantic.
Depth range: 83m.

***Nymphon macabou* MÜLLER 1990**

- 1990 *Nymphon macabou* MÜLLER, Bonn. zool. Beitr., **41** (3-4): 280-283, figs. 6-13.

Distribution: Martinique.
Depth range: 0-2m.
Habitat: dead corals on nearshore patch reef; exposed reef-flat and reef-margin.

***Nymphon macilentum* STOCK 1981**

- 1981 *Nymphon macilentum*, STOCK, Rés. Camp. MUSORSTOM, 1, Mém. ORSTOM, **91**: 314-315, figs. 1-11.

Distribution: Philippines.
Depth range: 188-200m.

***Nymphon macronyx* SARS 1877**

- 1881 *Nymphon macronyx* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 95-77, pl. XV, figs. 1-7.
 1891 *Chaetonymphon macronyx*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 111-114, pl. XII, figs. 2a-k.
 1902 *Nymphon macronyx*, - MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 181.
 1933 *Chaetonymphon macronyx*, - STEPHENSEN, Medd. Grönland, **79** (6): 9-10.

Distribution: boreal Atlantic and Arctica.
Depth range: 300-1326m.

***Nymphon macrum* WILSON 1880**

- 1880 *Nymphon macrum* WILSON, Rep. U.S. Fish. Comm., **6**: 487-489, pl. 4, figs. 21-23.
 1881 *Nymphon brevicollum* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3**

- (10): 45-47, pl. III, figs. 13-15.
- 1891 *Nymphon macrum*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 89-91, pl. IX, fig. 2a-g.
- 1901 *Nymphon brevicollum*, - WHITEAVES, Ann. Mag. Nat. Hist., **10** (4): 263.
- 1901 *Nymphon macrum*, - WHITEAVES, Ann. Mag. Nat. Hist., **10** (4): 263.
- 1913 *Nymphon brevicollum*, - OLSEN, Rep. Sci. Res. M. Sars North Atl. Deep-Sea Exped., 1910, **3** (1) (Zool.): 5-6.
- 1933 *Nymphon macrum*, - STEPHENSEN, Medd. Grönland, **79** (6): 17-18.
- 1935 *Nymphon macrum*, - STEPHENSEN, Bergens Mus. Arbok, 1935, Naturvidensk. Rekke, **7**: 21-22.
- 1936 *Nymphon macrum*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 862.
- 1942 *Nymphon macrum*, - HILTON, J. Ent. Zool. Pomona College, **34** (1): 3.
- 1943 *Nymphon macrum*, - NEEDLER, Can. Atl. Fauna, **10**: 10, fig. 11a-e.
- 1948 *Nymphon macrum*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 193-195, figs. 13d, 15.
- 1949 *Nymphon macrum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 248.
- 1963 *Nymphon macrum*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1332.
- 1982 *Nymphon macrum*, - CHILD, Smiths. Contr. Zool., **349**: 43-44.
- 1986 *Nymphon macrum*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1, 419.

Distribution: NW-Atlantic, with southernmost records from Florida and Cuba.

Depth range: <100-1700m.

***Nymphon maculatum* CARPENTER 1910**

- 1910 *Nymphon maculatum* CARPENTER, J. Linn. Soc. London (Zool.), **31** (207): 256-257, pl. 26, figs. 1-9.
- 1964 *Nymphon maculatum*, - STOCK, Bull. Sea Fish. Res. Stat. Haifa, **35**: 28.

Distribution: Red Sea (Aabak, Dahlak Archipelago).

Depth range: 0.5m.

Habitat: soft corals on reef.

***Nymphon maldivensis* CLARK 1961**

- 1961 *Nymphon maldivensis* CLARK, Ann. Mag. Nat. Hist., **3** (13): 291-293, figs. 1-7.

Distribution: Maldives Wadewaru Island, Fadiffolu Atoll).

Depth range: shallow water.

Habitat: from *Lithotamnion* encrusted dead *Acropora* coral in lagoon reef.

***Nymphon maoriana* CLARK 1958**

- 1958 *Nymphon maoriana* CLARK, Zool. Publ. Univ. Wellington, **23**: 2-3, figs. 1-8.

Distribution: New Zealand (Cook Strait).

Depth range: 37-73m.

Habitat: from kelp holdfasts; in shell with *Eupagurus novaezelandiae*.

Nymphon maruyamai NAKAMURA & CHILD 1991

- 1991 *Nymphon maruyamai* NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **512**: 55-56, fig. 21.

Distribution: Japan.
Depth range: 410-440m.

Nymphon mauritanicum FAGE 1942

- 1942 *Nymphon mauritanicum* FAGE, *Arch. Zool. Gen.*, **82** (Notes & Rev., 2): 77-80, figs. 1-3.

Distribution: W-Africa (Cap Blanc).
Depth range: 90-100m.

Nymphon megacheles CHILD 1988

- 1988 *Nymphon megacheles* CHILD, *Smiths. Contr. Zool.*, **468**: 25-27, fig. 11.

Distribution: Philippines (Batan Island).
Depth range: 0.4m.
Habitat: "sea cliff and shallow caves" (CHILD).

Nymphon megalops G.O. SARS 1891

- 1891 *Nymphon megalops* SARS, *Norw. North-Atl. Exped., 1876-1878, Zool.*, **6** (3): 98-100, pl. X, fig. 3a-g.
 1933 *Nymphon megalops*, - STEPHENSEN, *Medd. Grönland*, **79** (6): 19.
 1943 *Nymphon megalops*, - HEDGPETH, *J. Wash. Acad. Sci.*, **33**: 87-88, fig. 2.
 1963 *Nymphon megalops*, - HEDGPETH, *J. Fish. Res. Board Can.*, **20** (5): 1333.

Distribution: Arctica, from Western Norway to Fox Basin, south to about 61°30'N in the Faroe Channel.
Depth range: 46-1444m.

Nymphon mendosum (HODGSON 1907)

- 1944 *Nymphon mendosum* GORDON, *Rep. Brit., Austr. and N.Z. Antarct. Res. Exped.*, (B), **5** (1): 27-28.
 1952 *Nymphon mendosum*, - FAGE, *Bull. Mus. natn. Hist. nat., Paris*, (2) **24** (3): 263 [list], 265-267, fig. 1.
 1972 *Nymphon mendosum*, - ARNAUD, *Téthys*, suppl. **4**: 150.
 1980 *Nymphon mendosum*, - KRAPP, *Bull. Inst. Roy. Sci. Nat. Belg.*, **52** (18): 3-4.

Distribution: Antarctica.
Depth range: 180-219m.

Nymphon meridionale HOEK 1881

- 1881 *Nymphon meridionale* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 43-44, pl. III, figs. 4-8.

Distribution: Antarctica.

Depth range: 3065m.

***Nymphon microcollis* HILTON 1942**

- 1942 *Nymphon microcollis* HILTON, J. Ent. Zool. Pomona College, **34** (1): 5.
1949 *Nymphon microcollis*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 273, fig. 34d.

Distribution: Alaska.

***Nymphon microctenatus* BARNARD 1946**

- 1946 *Nymphon microctenatus* BARNARD, Ann. Mag. Nat. Hist., **13** (11): 60.
1954 *Nymphon microctenatus*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 95-96, fig. 4.
1965 *Nymphon microctenatus*, - STOCK, Beaufortia, **13** (151): 22-23 [list, key].
1988 *Nymphon microctenatus*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 166-167.

Distribution: South Africa.

Depth range: 357-650m.

***Nymphon micronesicum* CHILD 1982**

- 1982 *Nymphon micronesicum* CHILD, Proc. biol. Soc. Wash., **95** (2): 277-280, fig. 3.

Distribution: Bikini Atoll (Namu islan).

Depth range: shallow water.

Habitat: coral reefs.

***Nymphon micronyx* SARS 1888**

- 1891 *Nymphon micronyx* SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 90-93, pl. IX, fig. 3a-g.
1933 *Nymphon micronyx*, - STEPHENSEN, Medd. Grönland, **79** (6): 18.
1961 *Nymphon micronyx* ssp. n. *orientalis* LOSINA LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 65.
1963 *Nymphon micronyx*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1332.

Distribution: Kamtchatka; Greenland; American Arctic.

Depth range: 4-35m.

***Nymphon micropedes* HEDGPETH 1949**

- 1949 *Nymphon micropedes* HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 254-256, fig. 24.
1955 *Nymphon micropedes*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 9-10, fig.

4.

- 1971 *Nymphon micropedes*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 321.
 1983 *Nymphon micropedes*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 56.

Distribution: Japan.

Depth range: 924m.

***Nymphon microrhynchum* SARS 1888**

- 1891 *Nymphon microrhynchum*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6**
 (3): 71-73, pl. VII, fig. 1a-g.
 1902 *Nymphon microrhynchum*, - MÖBIUS, Fauna Arctica, **2**: 44-45.
 1933 *Nymphon microrhynchum*, - STEPHENSEN, Medd. Grönland, **79** (6): 13.
 1956 *Nymphon microrhynchum*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., 54: 33-48.
 1963 *Nymphon microrhynchum*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1330.

Distribution: Arctica.

Depth range: 30-200m.

***Nymphon microsetum* HILTON 1942**

- 1942 *Nymphon microsetum* HILTON, J. Ent. Zool. Pomona College, **34** (1): 6.
 1949 *Nymphon microsetum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 274, fig.
 34h.

Distribution: Japan.

Depth range: 79-95m.

***Nymphon modestum* STOCK 1959**

- 1959 *Nymphon modestum* STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 556-558, fig. 3.
 1988 *Nymphon modestum*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 167-168.

Distribution: South Africa.

Depth range: 23-550m.

Habitat: rock and mussels.

***Nymphon molleri* CLARK 1963**

- 1963 *Nymphon molleri* CLARK, Rec. Austr. Mus., **26** (1): 10-12, fig. 10A-H.
 1968 *Nymphon cf. molleri*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**:
 32, fig. 10h.
 1973 *Nymphon molleri*, - STOCK, Beaufortia, **20** (266): 99.
 1973 *Nymphon molleri*, - STOCK, Beaufortia, **21** (279): 91.

Distribution: Australia (Great Australian Bight; Western Port, Crawfish Rock; Port Jackson area).

Depth range: 10-112m.

Habitat: red algae; on *Amathea* sp. (Bryozoa) and *Aglaophenia plumosa* (Hydrozoa); bryozoan gravel.

Nymphon molum HILTON 1942

- 1942 *Nymphon molum* HILTON, J. Ent. Zool. Pomona College, **34** (1): 4.
 1949 *Nymphon molum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 271, fig. 34a.

Distribution: Japan.

Depth range: 75m.

Nymphon multidentis GORDON 1932

- 1932 *Nymphon multidentis* GORDON, Discovery Rep., **6**: 75-76, figs. 34-35.
 1950 *Nymphon multidentis*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 149-150.
 1990 *Nymphon multidentis*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **126**:
 110-111, pl. 2, figs. 1-7.

Distribution: Antarctica (Bouvet Island, Palmer Peninsula).

Depth range: 40-45m.

Nymphon multituberculatum GORDON 1944

- 1944 *Nymphon multituberculatum* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B) **5** (1): 32-35, figs. 8a, 9a-d.
 1965 *Nymphon multituberculatum*, - STOCK, Bull. Inst. Roy. Sci. Nat. Belg., **41** (31): 4.
 1980 *Nymphon multituberculatum*, - KRAPP, Bull. Inst. Roy. Sci. Nat. Belg., **52** (18): 4.

Distribution: Antarctica.

Depth range: 180-640m.

Nymphon natalense FLYNN 1928

- 1928 *Nymphon natalense* FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., I): 11, fig. 3.
 1954 *Nymphon natalense*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 94.

Distribution: South Africa.

Nymphon neumayri GORDON 1932

- 1932 *Nymphon neumayri* GORDON, Discovery Rep., **6**: 66-69, figs. 27e, 29c-e, 30.
 1990 *Nymphon neumayri*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **126**:
 109-110, pl. 1, figs. 2-4.

Distribution: Antarctica (Palmer Archipelago).

Depth range: 259-270m.

Nymphon nipponense HEDGPETH 1949

- 1949 *Nymphon nipponense* HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 267-269, fig. 32.

Distribution: Japan.

Depth range: 928m.

***Nymphon novaecaledoniae* STOCK 1991**

- 1991 *Nymphon novaecaledoniae* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 182-185, figs. 40-41.

Distribution: New Caledonia.

Depth range: 440-450m.

***Nymphon novaehollandiae* CLARK 1963**

- 1963 *Nymphon novaehollandiae* CLARK, Rec. Austr. Mus., **26** (1): 12-15, figs. 7A-I, 8A-C.

- 1968 *Nymphon novaehollandiae*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 32.

Distribution: Australia (Sydney area; Great Australian Bight).

Depth range: 55-100m.

Habitat: gravel; bryozoan gravel.

***Nymphon nugax* STOCK 1966**

- 1966 *Nymphon nugax* STOCK, Atlantide Rep., **9**: 49-52, fig. 2.

Distribution: W-Africa (off Senegal).

Depth range: 41-55m.

Habitat: "brown sand, shells" (STOCK).

***Nymphon obesum* ARNAUD & CHILD 1988**

- 1988 *Nymphon obesum* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 168-170, fig. 11.

Distribution: South Africa (off East London).

Depth range: 80m.

***Nymphon ochoticum* LOSINA-LOSINSKY, 1961**

- 1961 *Nymphon ochoticum* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 70-72, fig. 6.

Distribution: NW-Pacific.

Depth range: 515m.

Nymphon ohshimai HEDGPETH 1949

- 1949 *Nymphon ohshimai* HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 266-267, fig. 31.

Distribution: Japan.
Depth range: 997-1303m.

Nymphon okudai NAKAMURA & CHILD 1991

- 1991 *Nymphon okudai* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 56-58, fig. 22.

Distribution: Japan.
Depth range: 216-328m.

Nymphon orcadense (HODGSON 1908)

- 1908 *Chaetonymphon orcadense* HODGSON, Trans. Roy. Soc. Edinburgh, **46** (1):
 1932 *Nymphon orcadense*, - GORDON, Discovery Rep., **6**: 63-65, fig. 26a.
 1944 *Nymphon orcadense*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 27.

Distribution: Antarctica and sub-antarctic areas (South Orkneys; ? South Georgia; Magellan District).
Depth range: 18-163m.

Nymphon ortmanni HELFER 1938

- 1938 *Nymphon ortmanni* HELFER, Sitz.-Ber. Ges. naturforsch. Freunde Berlin, 1937 (2): 164-167, fig. 1a-g.
 1953 *Nymphon ortmanni*, - STOCK, Beaufortia, **35** (4): 34-36, fig. 1.
 1954 *Nymphon ortmanni*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 20-21, fig. 6d-e.
 1955 *Nymphon ortmanni*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 10, fig. 5.
 1962 *Nymphon ortmanni*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 92.
 1971 *Nymphon ortmanni*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 320.
 1983 *Nymphon ortmanni*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 56.
 1987 *Nymphon ortmanni*, - NAKAMURA, Biol. Lab., Imperial Household: 6-7, pls. 4, 35.
 1991 *Nymphon ortmanni*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 58.

Distribution: Japan (Tsugaru Strait to Suruga Bay).
Depth range: 75-450m.
Habitat: sand bottom.

Nymphon paralobatum ARNAUD & CHILD 1988

- 1988 *Nymphon paralobatum* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 170-173, fig. 12.

Distribution: South Africa (off Transkei coast).
Depth range: 710-775m.

***Nymphon parasiticum* MERTON 1906**

- 1906 *Nymphon parasiticum* MERTON, Mitt. Zool. Stat. Neapel, **18** (1): 136-141, pl. 7, figs. 1-6.
 1987 *Nymphon parasiticum*, - ARNAUD, Mesogee, **47**: 53.
 1987 *Nymphon parasiticum*, - ARNAUD & BAMBER, Adv. in Mar. Biol., **24**: 52.

Distribution: Mediterranean.

Habitat: "ectoparasite du pied bouclier céphalique d'un gastropode Nudibranche, *Tethys leporina*" (ARNAUD).

***Nymphon parum* STOCK 1991**

- 1991 *Nymphon parum* STOCK, in: A. CROSNIER (ed.), Rés. Camp. MUSORSTOM, 8. Mém. Mus. natn. Hist. nat., (A), **151**: 185, figs. 42-43.

Distribution: New Caledonia.
Depth range: 440-530m.

***Nymphon paucidens* GORDON 1932**

- 1932 *Nymphon paucidens* GORDON, Discovery Rep., **6**: 48-51, figs. 17a, e, 19-20.

Distribution: Antarctica.
Depth range: 22-235m.

***Nymphon paucituberculatum* GORDON 1944**

- 1944 *Nymphon paucituberculatum* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 30-32, fig. 7a-d, 8b.

Distribution: Antarctica (off Gauss Quadrant).
Depth range: 180-219m.

***Nymphon pedunculatum* ARNAUD & CHILD 1988**

- 1988 *Nymphon pedunculatum* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 173-176, fig. 13.

Distribution: South Africa (off East London).
Depth range: 90m.

***Nymphon perlucidum* HOEK 1881**

- 1881 *Nymphon perlucidum* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 52-53, pl. V, figs. 6-10.

Distribution: Indo-West Pacific (between Celebes and Halmahera).

Depth range: 1510m.

Habitat: rocks.

***Nymphon pfefferi* LOMAN 1923**

1923 *Nymphon pfefferi* LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 17-18, fig. B.

1932 *Nymphon pfefferi*, - GORDON, Discovery Rep., **6**: 46-48, figs. 16, 17b-d, 18a,-b, d.

Distribution: Antarctica.

Depth range: 17-250m.

***Nymphon phasmatodes* BÖHM 1879**

1879 *Nymphon phasmatodes* BÖHM, Monatsber. Kgl. Preuss. Akad. Wiss. Berlin, 1879: 173-174, pl. I, fig. 2.

1908 *Nymphon capense* HODGSON, Trans. Roy. Soc. Edinburgh, **46** (1) (6): 169-170, pl. I, figs. 2, 2a.

1913 *Nymphon capense*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 72.

1923 *Nymphon capense*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 14.

1928 *Nymphon capense*, - FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 4.

1928 *Nymphon phasmatodes*, - FLYNN, Rep. Fish & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 4.

1928 *Nymphon phasmatodes*, - LOMAN, Bull. Soc. Sci. Nat. Phys. Maroc, **8** (1-3): 67, figs. 2, 6, 7.

1932 *Nymphon capense*, - GORDON, Ann. Mag. Nat. Hist., **9** (10): 117-120, figs. 11, 12a-c.

1954 *Nymphon capense*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 91-92.

1956 *Nymphon phasmatodes*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 76-78, fig. 2.

1959 *Nymphon phasmatodes*, - STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 558.

1962 *Nymphon phasmatodes*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 283-284.

1965 *Nymphon phasmatodes*, - STOCK, Beaufortia, **13** (151): 22-23 [key].

1988 *Nymphon phasmatodes*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 176.

Distribution: South Africa.

Depth range: 13-90m.

Habitat: sand, broken shells and *Phyllochaetopterus*; shell and sand; fine khaki sand; shelly khaki sand; shell, coarse sand.

***Nymphon pilosum* MÖBIUS 1902**

1902 *Nymphon pilosum* MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 179, pl. XXIV, figs. 8-12.

- 1928 *Nymphon bipunctatum* FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6**
(Special Rep., 1): 8-10, figs. 1-2.
1954 *Nymphon pilosum*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 100-101, fig. 6.
1956 *Nymphon pilosum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 76.
1962 *Nymphon pilosum*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 278.
1968 *Nymphon pilosum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 29.
1988 *Nymphon pilosum*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 177.

Distribution: off South Africa.

Depth range: 20-850m.

Habitat: rocks, shells.

Nymphon pixellae SCOTT 1912

- 1912 *Nymphon pixellae* SCOTT, Ann. Mag. Nat. Hist., **10** (8): 206-209, pl. 7, figs. 1-11.
1936 *Nymphon solitarium* EXLINE, Proc. U.S. natn. Mus., **83** (2991): 414-416, fig. 33a-d.
1939 *Nymphon solitarium*, - HEDGPETH, Am. Midl. Nat., **22** (2): 458-459.
1941 *Nymphon pixellae*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26): 255 [key], pls. 9-10.
1942 *Nymphon pixellae*, - HILTON, J. Ent. Zool. Pomona College, **34** (1): 4.
1942 *Nymphon variatum* HILTON, J. Ent. Zool. Pomona College, **34** (1): 4.
1942 *Nymphon pixellae*, - HILTON, Rep. Allan Hancock Pac. Exped., **5** (9): 279-280, pl. 35.
1949 *Nymphon pixellae*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 246 [key].
1949 *Nymphon variatum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 271, fig. 34b.
1953 *Nymphon pixellae*, - HENRY, Microentomology, **18** (1): 17-18, figs. 1-5.
1955 *Nymphon pixellae*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 216-217, fig. 1b-d.
1973 *Nymphon pixellae*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **91**: 178-179.
1979 *Nymphon pixellae*, - CHILD, Smiths. Contr. Zool., **293**: 40.
1984 *Nymphon pixellae*, - WICKSTEN, Calif. Fish and Game, **70** (3): 136.

Distribution: Mexico Pacific (Gulf of California); California; Japan.

Depth range: 28-128m.

Habitat: sandy mud; mud and sponges; mud and stones.

Nymphon pleodon STOCK 1962

- 1962 *Nymphon pleodon* STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 281-282, figs. 5-6.

Distribution: South Africa.

Depth range: 27m.

Habitat: rocks.

Nymphon polare (HODGSON 1915)

- 1915 *Chaetonymphon polare* HODGSON, Ann. Mag. Nat. Hist., ser. 8, **15**: 143.

1927 *Chaetonymphon polare*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 324-326.

Distribution: Antarctica.

Depth range: 350m.

Nymphon primacoxa STOCK 1968

1968 *Nymphon primacoxa* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 29-31, fig. 11.

Distribution: Mozambique Channel.

Depth range: 1600-1628m.

Nymphon proceroides BOUVIER 1913

1913 *Nymphon proceroides* BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 90-94, figs. 42-48.

1932 *Nymphon proceroides*, - GORDON, Discovery Rep., **6**: 36-37, figs. 9, 10a, 75.

1944 *Nymphon proceroides*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 22.

1990 *Nymphon proceroides*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **126**: 111-113, pl. 3, figs. 1-9.

Distribution: Antarctica (Palmer Archipelago, South Shetlands).

Depth range: 160-420m.

Nymphon procerum HOEK 1881

1881 *Nymphon procerum* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 39, pl. II, figs. 9-12.

1913 *Nymphon procerum*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 72 [key].

1923 *Nymphon procerum*, - LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 14 [key].

1932 *Nymphon procerum*, - GORDON, Ann. Mag. Nat. Hist., **9** (10): 112-113, fig. 9a.

1932 *Nymphon procerum*, - GORDON, Discovery Rep., **6**: 34 [key].

1944 *Nymphon procerum*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 19.

1951 *Nymphon procerum*, - FAGE, Rep. Swed. Deep-Sea Exped., **2** (7): 95-97, figs. 1-2.

1965 *Nymphon procerum*, - STOCK, Beaufortia, **13** (151): 22 [list].

1971 *Nymphon procerum*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **92**: 276-277, fig. 2.

1973 *Nymphon procerum*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **91**: 178.

1974 *Nymphon procerum*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **98**: 281.

1981 *Nymphon procerum*, - STOCK, Cah. Biol. Mar., **22**: 460, fig. 3.

1982 *Nymphon procerum*, - CHILD, Smiths. Contr. Zool., **349**: 44.

1990 *Nymphon procerum*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **126**: 108-109.

Distribution: North and South Pacific; North and South Atlantic.

Depth range: 2450-6135m.

***Nymphon profundum* HILTON 1942**

- 1942 *Nymphon profundum* HILTON, J. Ent. Zool. Pomona College, **34** (1): 3.
 1942 *Nymphon noctum* HILTON, J. Ent. Zool. Pomona College, **34** (1): 3.
 1949 *Nymphon noctum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 270-271, fig. 33a-f.
 1949 *Nymphon profundum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 270.
 1965 *Nymphon profundum*, - STOCK, Beaufortia, **13** (151): 22.
 1991 *Nymphon profundum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 58.

Distribution: Japan.

Depth range: 3232-4220m.

***Nymphon prolatum* FAGE 1942**

- 1942 *Nymphon prolatum* FAGE, Arch. Zool. Gen., **82** (Notes & Rev., 2): 80-82, figs. 4-5.
 1966 *Nymphon prolatum*, - STOCK, Atlantide Rep., **9**: 48-49.

Distribution: W-Africa (off Senegal; off Dakar).

Depth range: 65-89m.

***Nymphon proximum* CALMAN 1915**

- 1915 *Nymphon proximum* CALMAN, Rep. Brit. Antarct. "Terra Nova" Exped., Zool. **3**: 34-36, fig. 6.
 1944 *Nymphon proximum* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 28-29, fig. 6a-b.

Distribution: Antarctica (Ross Sea area).

Depth range: 300-603m.

***Nymphon puellula* KRAPP 1973**

- 1973 *Nymphon puellula* KRAPP, Beaufortia, **21** (277): 64, 68.
 1987 *Nymphon puellula*, - ARNAUD, Mesogee, **47**: 53.

Distribution: Mediterranean.

Depth range: 35m.

***Nymphon pumillum* NAKAMURA & CHILD 1991**

- 1991 *Nymphon pumillum* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 58-60, fig. 23.

Distribution: Japan (SE of Akkeshio Bay, Hokkaido).
Depth range: 102m.

Nymphon quadriclavus NAKAMURA & CHILD 1986

- 1986 *Nymphon quadriclavus* NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **512**: 893-895, figs. 1-2.
 1986 *Nymphon quadriclvus*, - NAKAMURA, *Biol. Lab., Imp. Household*: 7-8, pls. 5-6, figs. 1-3

Distribution: Japan (Sagami Bay).
Depth range: 450m.

Nymphon quadrispinum (HILTON 1942)

- 1949 *Nymphon quadrispinum*, - HEDGPETH, *Proc. U.S. natn. Mus.*, **98** (3231): 274, fig. 33m.

Distribution: Alaska (Kiska Harbor).
Depth range: 35m.

Nymphon residuum STOCK 1971

- 1971 *Nymphon residuum* STOCK, *Zool. Meded.*, **47**: 257-259, figs. 1-8.

Distribution: off Kenya.
Depth range: 1510m.
Habitat: pure globigerina-ooze.

Nymphon robustum BELL 1853

- 1881 *Nymphon robustum*, - HOEK, *Rep. Sci. Res. Expl. Voyage HMS Challenger*, **3** (10): 97-98, fig.
 1899 *Nymphon robustum*, - MEINERT, *Danish Ingolf Exped.*, **3** (1): 45-46, pl. III, figs. 23-24.
 1943 *Boreonymphon robustum*, - HEDGPETH, *J. Wash. Acad. Sci.*, **33**: 83.
 1963 *Nymphon robustum*, - HEDGPETH, *J. Fish. Res. Board Can.*, **20** (5): 1325.

Distribution: Arctica, perhaps circumpolar.
Depth range: 2-2000m.
Habitat: may live on *Umbellula encrinus* and other octocorals.

Nymphon rotnnesti CHILD 1975

- 1975 *Nymphon rotnnesti* CHILD, *Smiths. Contr. Zool.*, **190**: 5-7, fig. 3.

Distribution: W-Australia (West of Rottnest Island).
Depth range: 137-143m.

Nymphon sandersi CHILD 1982

1982 *Nymphon sandersi* CHILD, Smiths. Contr. Zool., **349**: 44-46, fig. 14.

Distribution: Argentine Basin, off Rio de la Plata.
Depth range: 3815-4435m.

Nymphon sarsii MEINERT 1899

1899 *Nymphon sarsii* MEINERT, Danish Ingolf Exped., 3 (1): 38-39, pl. III, figs. 1-6.

Distribution: subarctic area.
Depth range: 480m.
Habitat: clay and gravel.

Nymphon schimkewitschi LOSINA-LOSINSKY 1929

1956 *Nymphon schimkewitschi*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **54**: 33-48, fig. 2.

Distribution: Russian part of Arctica.

Nymphon schmidtii LOSINA-LOSINSKY 1961

1961 *Nymphon schmidtii* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 63-65, fig. 3.

Distribution: NW-Pacific.
Depth range: 130m.

Nymphon serratidentatum ARNAUD & CHILD 1988

1988 *Nymphon serratidentatum* ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 177-180, fig. 14.

Distribution: South Africa (off Transkei coast).
Depth range: 710-775m.

Nymphon serratum G.O. SARS 1879

- 1891 *Nymphon serratum*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 95-97, pl. X, fig. 2a-h.
 1933 *Nymphon serratum*, - STEPHENSEN, Medd. Grönland, **79** (6): 18-19.
 1942 *Nymphon serratum*, - GILTAY, J. Fish. Res. Board Canada, **5**: 459.
 1943 *Nymphon serratum*, - HEDGPETH, J. Wash. Acad. Sci., **33**: 87.
 1963 *Nymphon serratum*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1333.

Distribution: An arctic species, known in the N-Atlantic

from Siberia to Greenland and the Canadian Atlantic Coast (Hudson bay).

Depth range: 45-1444m.

Habitat: rocky bottom.

***Nymphon setimanus* BARNARD 1946**

1946 *Nymphon setimanus* BARNARD, Ann. Mag. Nat. Hist., **13** (11): 61.

1954 *Nymphon setimanus*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 103-1205, fig. 8.

1962 *Nymphon setimanus*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 278.

1965 *Nymphon setimanus*, - STOCK, Beaufortia, **13** (151): 18-19, figs. 13-17.

1989 *Nymphon setimanus*, - MÜLLER, Senckenbergiana marit., **20** (5/6): 287-288, figs. 35-41.

Distribution: Gulf of Aden; Madagascar; South Africa.

Depth range: 0-751m.

Habitat: shelly sand; on algae.

***Nymphon setipedes* CHILD 1988**

1988 *Nymphon setipedes*, Bull. biol. Soc. Wash., **8**: 72-75, fig. 8.

Distribution: Belize (Carrie Bow Cay).

Depth range: 24.4m.

Habitat: "fore-reef slope" (CHILD).

***Nymphon signatum* MÖBIUS 1902**

1902 *Nymphon signatum* MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 178-179, pl. XXIV, figs. 1-7.

1932 *Nymphon signatum*, - GORDON, Ann. Mag. Nat. Hist., **9** (10): 104-105, fig. 5a-b.

1932 *Nymphon signatum*, - GORDON, Discovery Rep., **6**: 28-29, 35 [key].

1954 *Nymphon signatum*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 96-98, fig. 5a.

Distribution: South Africa (Agulhas Bank, off Cape St. Blaize, off Gt. Fish Point, off Glendower Beacon).

Depth range: 100m.

***Nymphon similis* Child, 1992**

1992 *Nymphon similis* CHILD, Smiths. Contr. Zool., **526**: 31-33, fig. 13.

Distribution: Ecuador.

Depth range: 25m.

***Nymphon simulatum* NAKAMURA & CHILD 1991**

1991 *Nymphon simulatum* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 60-61, fig. 24.

Distribution: Japan (eastern Honshu).
Depth range: 1950-2000m.

Nymphon singulare STOCK 1954

- 1954 *Nymphon singulare* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 21-25, figs. 7-8.
 1963 *Nymphon singulare*, - CLARK, Rec. Austr. Mus., **26** (1): 7-9, 15.

Distribution: Australia (disaster Bay, New South Wales).
Depth range: 55-92m.
Habitat: sand, mud.

Nymphon sluiteri HOEK 1877

- 1891 *Nymphon sluiteri*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 73-75, pl. VII, fig. 2a-g.
 1916 *Nymphon sluiteri*, - APPELLÖF, Kungl. Svensk. Vetensk. Handl., **54** (5): 5-6.
 1933 *Nymphon sluiteri*, - STEPHENSEN, Medd. Grönland, **79** (6): 14-15, fig. 4 (map).
 1943 *Nymphon sluiteri*, - HEDGPETH, J. Wash. Acad. Sci., **33**: 86-87.
 1963 *Nymphon sluiteri*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1331.

Distribution: circumpolar arctic.
Depth range: 2-1000m.
Habitat: mud; stones.

Nymphon soyoi UTINOMI 1955

- 1955 *Nymphon soyoi* UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 13-15, fig. 8.
 1971 *Nymphon soyoi*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 321.

Distribution: Japan.
Depth range: 188m.

Nymphon spicatum CHILD 1982

- 1982 *Nymphon spicatum* CHILD, Smiths. Contr. Zool., **349**: 46-48, fig. 15.

Distribution: Argentine Basin, off Rio de la Plata.
Depth range: 3815-3822m.

Nymphon spiniventris STOCK 1953

- 1953 *Nymphon spiniventris* STOCK, Temminckia, **9**: 282-285, figs. 5-6.

Distribution: East Indian Archipelago.
Depth range: 17m.

Nymphon spinosissimum (NORMAN 1894)

- 1891 *Chaetonymphon spinosum*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 107-109, pl. XI, fig. 3a-i.
- 1894 *Chaetonymphon spinosissimum* NORMAN, Ann. Mag. Nat. Hist., **13** (6): 154.
- 1908 *Chaetonymphon spinosissimum*, - NORMAN, J. Linn. Soc. London (Zool.), **30**: 219-220.
- 1930 *Chaetonymphon spinosissimum*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nau SSSR, **2**: 335-336.
- 1933 *Chaetonymphon spinosissimum*, - STEPHENSEN, Medd. Grönland, **79** (6): 6-8, fig. 2 (map).
- 1943 *Chaetonymphon spinosissimum*, - STEPHENSEN, Medd. Grönland, **121** (8): 14-15, fig. 4.
- 1948 *Nymphon spinosissimum*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 183, figs. 10a, 11a.
- 1963 *Nymphon spinosissimum*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1327.
- 1982 *Nymphon spinosissimum*, - CHILD, Smiths. Contr. Zool., **349**: 48.

Distribution: Norway to western Greenland; Labrador Sea; rare in Arctica.

Depth range: 62-862m.

Habitat: sand, clay.

Nymphon stipulum CHILD 1990

- 1990 *Nymphon stipulum* CHILD, Beaufortia, **41** (6): 40-43, fig. 1.

Distribution: southern California.

Depth range: 395m.

Nymphon stocki UTINOMI 1955

- 1955 *Nymphon stocki* UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 10-13, figs. 6-7.
- 1971 *Nymphon stocki*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 321.

Distribution: Japan.

Depth range: 324m.

Nymphon stocki TURPAEVA 1974

- 1974 *Nymphon stocki* TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **98**: 282-283, pl. 3, figs. 1-8.

Distribution: Scotia Sea.

Remarks: homonym of *N. stocki* UTINOMI 1955.

Nymphon striatum LOSINA-LOSINSKY 1929

- 1929 *Nymphon striatum* LOSINA-LOSINSKY, Zool. Jb. (Syst.), **57**: 538-539, fig. 1.
- 1933 *Nymphon striatum*, - LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 64-66, fig. 13.

- 1954 *Nymphon striatum*, - UTINOMI, Publ. Akkeshi Mar. Biol. Stat., **3**: 2.
 1967 *Nymphon striatum*, - NESIS, Issledov. Fauny Morei, **5** (13): 248.
 1971 *Nymphon striatum*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 319.
 1987 *Nymphon striatum*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 160.
 1991 *Nymphon striatum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 61.

Distribution: Sea of Japan; Gulf of Tatory.

Depth range: littoral-212m.

Nymphon stromi KRØYER 1844

- 1844 *Nymphon strömi* KRØYER, Naturhistorisk Tidsskr., København, **1** (2): 111.
 1872 *Nymphon giganteum* WHITEAVES, Ann. Mag. nat. Hist., **10** (4): 349.
 1874 *Nymphon giganteum*, - VERRILL, Am. J. Sci. & Arts, **3** (7): 411.
 1878 *Nymphon Strömi*, - WILSON, Trans. Conn. Acad. Arts Sci., **5**: 17-18, pl. 6, fig. 1a-h.
 1880 *Nymphon Strömi*, - WILSON, Rep. U.S. Fish. Comm., **6**: 483-487, pl. 5, pl. 6, fig. 29.
 1881 *Nymphon Strömi*, - WILSON, Bull. Mus. Comp. Zool., Harvard, **8** (12): 253.
 1885 *Nymphon Strömi*, - VERRILL, Rep. U.S. Comm. Fish., 1883: 561.
 1891 *Nymphon strömii*, - SARS, Norw. North-Atl. Exped., 1876-1878, Zool., **6** (3): 80-83, pl. VIII, fig. 2a-k.
 1916 *Nymphon strömi*, - APPELLÖF, Kungl. Svensk. Vetensk. Handl., **54** (5): 8-13, figs. 1-4.
 1933 *Nymphon strömi*, - STEPHENSEN, Medd. Grönland, **79** (6): 16-17.
 1943 *Nymphon stroemii*, - NEEDLER, Can. Atl. Fauna, **10**: 9, fig. 10a-d.
 1948 *Nymphon strömi*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 190-192, fig. 13c.
 1963 *Nymphon stromi*, - HEDGPETH, J. Fish. Res. Board Can., **20** (5): 1331-1332.
 1975 *Nymphon stromi*, - STOCK, Bull. mar. Sci., **24** (4): 994.
 1982 *Nymphon stromi*, - CHILD, Smiths. Contr. Zool., **349**: 48.
 1983 *Nymphon stroemi*, - BAMBER, Zool. J. Linn. Soc., **77**: 68.
 1986 *Nymphon stromi*, - STOCK, Bull. mar. Sci., **38** (3): 403 tab. 1.

Distribution: widely distributed in the boreal arctic area.

Depth range: 15->1000m.

Habitat: mud stones.

Nymphon subtile LOMAN 1923

- 1923 *Nymphon subtile* LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 19-21, fig. C.
 1932 *Nymphon subtile*, - GORDON, Discovery Rep., **6**: 43-45, figs. 14, 15, 24b.

Distribution: Falkland Islands.

Depth range: 22m.

Nymphon surinamense STOCK 1975

- 1975 *Nymphon surinamense* STOCK, Bull. mar. Sci., **24** (4): 1007-1010, figs. 21-22.
 1986 *Nymphon surinamense*, - STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1, 420.

Distribution: continental shelf of northern South America, from Venezuela (Isla Margarita) to the Guyanas.

Depth range: 26-91m.

***Nymphon tanypalpes* CHILD 1988**

1988 *Nymphon tanypalpes* CHILD, Bull. biol. Soc. Wash., **8**: 75-77, fig. 9.

Distribution: Seychelles (Aldabra Atoll).

Depth range: 0.5-21m.

Habitat: "Reef slope coral rubble in hollows between coral heads"; "mangrove roots in lagoon" (CHILD).

***Nymphon tenellum* (SARS 1888)**

1881 *Nymphon pallenoides*, - WILSON, Bull. Mus. Comp. Zool., Harvard, **8** (12): 254.

1885 *Nymphon pallenoides*, - VERRILL, Rep. U.S. Comm. Fish., 1883: 561.

1888 *Chaetonymphon tenellum* SARS, Arch. Math. Naturvidensk., **4**: 353.

1891 *Chaetonymphon tenellum*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 109-111, pl. XII, fig. 1a-h.

1933 *Chaetonymphon tenellum*, - STEPHENSEN, Medd. Grönland, **79** (6): 10.

1948 *Nymphon tenellum*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 185, fig. 10c.

1982 *Nymphon tenellum*, - CHILD, Smiths. Contr. Zool., **349**: 49.

Distribution: both sides of N-Atlantic.

Depth range: 1501-2452m.

***Nymphon tenuipes* BOUVIER 1911**

1913 *Nymphon tenuipes*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 86-90, figs. 35-41.

1932 *Nymphon tenuipes*, - GORDON, Discovery Rep., **6**: 37-39, figs. 10c, 11.

1944 *Nymphon tenuipes*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 22.

Distribution: Antarctica (South Shetlands; Palmer Archipelago).

Depth range: 122-220m.

***Nymphon tuberculare* LOSINA-LOSINSKY, 1961**

1961 *Nymphon tuberculare* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 60-62, fig. 2.

Distribution: NW-Pacific.

Depth range: 130m.

***Nymphon tubiferum* STOCK 1978**

1978 *Nymphon tubiferum* STOCK, Cah. Biol. Mar., **19**: 208-211, fig. 8.

Distribution: NE-Atlantic Basin.

Depth range: 740m.

Habitat: soft mud, sandy and granular, broken shells.

Nymphon typhlops (HODGSON 1915)

1927 *Chaetonymphon typhlops*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 327-329, fig. 6.

Distribution: Antarctica.

Depth range: 2450m.

Nymphon unguiculatum HODGSON 1927

1927 *Nymphon unguiculatum* HODGSON, Dt. Südpolar-Exped., **XIX**, Zool. XI: 318-319.

1974 *Nymphon unguiculatum*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, **98**: 280-281.

Distribution: Scotia Sea.

Depth range: 330-450m.

Nymphon uniungiculatum LOSINA-LOSINSKY 1933

1933 *Nymphon uniungiculatum* LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., **17**: 62-64, 78-79, fig. 12.

1949 *Nymphon uniungiculatum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 263, fig. 29.

1961 *Nymphon uniungiculatum*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 72.

1987 *Nymphon uniungiculatum*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 161.

Distribution: NW-Pacific.

Nymphon vilosum (HODGSON 1915)

1927 *Chaetonymphon vilosum*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 323-324.

1952 *Nymphon vilosum*, - FAGE, Bull. Mus. natn. Hist. nat., 2e sér., **24** (3): 267-269, fig. 2.

1980 *Nymphon vilosum*, - KRAPP; Bull. Inst. Roy. Sci. Nat. Belg., **52** (18): 4 [text].

Distribution: Antarctica.

Depth range: 385m.

Nymphon vulcanellum STOCK 1992

- 1992 *Nymphon vulcanellum* STOCK, Tijdschr. Ent., **135**: 124 [text], 126-128, 139, figs. 52-61.

Distribution: southern Brazil.
Depth range: 21-250m.

***Nymphon vulsum* STOCK 1986**

- 1986 *Nymphon vulsum* STOCK, Bull. mar. Sci., **38** (3): 402 tab. 1, 406 [text], 419-420, fig. 6b-j.

Distribution: Venezuela (Isla Margarita).
Depth range: 26-27 m.

***Nymphon walvisense* STOCK 1981**

- 1981 *Nymphon walvisense* STOCK, Cah. Biol. Mar., **22**: 455-460, figs. 1-2.

Distribution: Walvis Basin.

***Pentanympion* HODGSON 1904**

- 1904 *Pentanympion* HODGSON, Ann. Mag. nat. Hist., **7** (14): 459 [diagnosis].

***Pentanympion antarcticum* HODGSON 1904**

- 1904 *Pentanympion antarcticum* HODGSON, Ann. Mag. nat. Hist., **14** (7): 459, pl. XIV.
- 1932 *Pentanympion antarcticum*, - GORDON, Discovery Rep., **6**: 24-26.
- 1938 *Pentanympion antarcticum* var. *gaussi* HELFER, Sitz.-Ber. Ges. naturforsch. Freunde Berlin, 1937 (2): 169-170, fig. 3a-c.
- 1944 *Pentanympion antarcticum*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 14.
- 1950 *Pentanympion antarcticum*, - HEDGPETH, Proc. U.S. Natn. Mus., **100** (3260): 150 [lit., syn.].
- 1952 *Pentanympion antarcticum*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, (2) **24** (3): 263 [list], 264.
- 1953 *Pentanympion antarcticum* var. *gaussi*, - STOCK, Beaufortia, **35** (4): 37.
- 1965 *Pentanympion antarcticum*, - STOCK, Bull. Inst. Roy. Sci. Nat. Belg., **41** (31): 2.
- 1972 *Pentanympion antarcticum*, - ARNAUD, Téthys, suppl. **4**: 149, figs. 1-2.
- 1980 *Pentanympion antarcticum*, - KRAPP, Bull. Inst. Roy. Sci. Nat. Belg., **52** (18): 4.

Distribution: Antarctica.
Depth range: 163-640m.

***Pentanympion minutum* GORDON 1944**

- 1944 *Pentanympion minutum* GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res.

Exped., (B), 5 (1): 14-16, fig. 3a-f.

- 1952 *Pentanympyon minutum*, - FAGE, Bull. Mus. natn. Hist. nat., 2e sér., 24 (3): 264-265.

Distribution: Antarctica.

Depth range: 163-180m.

***Sexanympyon* HEDGPETH & FRY 1964**

- 1964 *Sexanympyon* HEDGPETH & FRY, Ann. Mag. Nat. Hist., 13 (7): 161 [diagnosis].

***Sexanympyon mirabilis* HEDGPETH & FRY 1964**

- 1964 *Sexanympyon mirabilis* HEDGPETH & FRY, Ann. Mag. Nat. Hist., 13 (7): 161-169, figs. 1-4.
1974 *Sexanympyon mirabilis*, - TURPAEVA, Trudy Inst. Okeanol, Akad. Nauk SSSR, 98: 284.

Distribution: Antarctica; Scotia Sea.

Depth range: 2760-2810m.

PHOXICHILIDIIDAE

- 1948 Phoxichilidiidae, - HEDGPETH, Proc. U.S. natn. Mus., 97 (3216): 216 [diagnosis, remarks, key to NW-Atlantic genera].
1945 Phoxichilidae, - LEBOUR, J. Mar. Biol. Ass. U.K., 26: 144-146.
1954 Phoxichilidiidae, - BARNARD, Ann. S. Afr. Mus., 41 (3): 125 [diagnosis, key to South African genera].
1954 Phoxichilidiidae, - STOCK, Vidensk. Medd. Dansk naturh. Foren., 116: 68-71 [remarks].
1974 Endeidae, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), 5: 48.
1992 Phoxichilidiidae, - CHILD, Mem. Hourglass Cruises, 9 (1): 37-38, tab. 5.
1992 Endeididae, - CHILD, Mem. Hourglass Cruises, 9 (1): 56, tab. 8.

***Anoplodactylus* WILSON 1878**

- 1945 *Anoplodactylus*, - LEBOUR, J. Mar. Biol. Ass. U.K., 26: 154-155.
1948 *Anoplodactylus*, - HEDGPETH, Proc. U.S. natn. Mus., 97 (3216): 218-222 [diagnosis, remarks, key to NW-Atlantic species].
1954 *Anoplodactylus*, - BARNARD, Ann. S. Afr. Mus., 41 (3): 126 [diagnosis, remarks, key to South African species].
1963 *Anoplodactylus*, - CLARK, Rec. Austr. Mus., 26 (1): 55-56 [key to Australian species].
1975 *Anoplodactylus*, - STOCK, Bull. mar. Sci., 24 (4): 1075-1076 [remarks on *pygmaeus*-complex].
1979 *Anoplodactylus*, - CHILD, Smiths. Contr. Zool., 293: 47-48 [key to Middle American species].
1979 *Anoplodactylus*, - STOCK, Bijdr. Dierk., 48 (2): 158 [list of valid *Anoplodactylus* species], 158-159 [list of species inquirenda, homonyms, synonyms and alternative names].

- 1983 *Anoplodactylus*, - NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **386**: 41-42 [key to Japanese species].
 1992 *Anoplodactylus*, - CHILD, *Mem. Hourglass Cruises*, **9** (1): 39 [diagnosis].

***Anoplodactylus aculeatus* MÖBIUS 1902**

- 1902 *Anoplodactylus aculeatus* MÖBIUS, *Wiss. Ergebn. dtsh. Tiefsee-Exped. 1898-1899*, **3**: 188, pl. XXVIII, figs. 1-7.
 1954 *Anoplodactylus aculeatus*, - BARNARD, *Ann. S. Afr. Mus.*, **XLI** (3): 127-128.

Distribution: South Africa.

Depth range: 126m.

***Anoplodactylus allotrius* CHILD 1979**

- 1979 *Anoplodactylus allotrius* CHILD, *Smiths. Contr. Zool.*, **293**: 48-50, fig. 16.
 1989 *Anoplodactylus allotrius*, - STOCK, *Bijdr. Dierk.*, **59** (2): 94.

Distribution: Panamá Caribbean; Curaçao.

Depth range: 3-4m.

Habitat: *Acanthophora*; coarse coral sand.

***Anoplodactylus anarthrus* LOMAN 1908**

- 1908 *Anoplodactylus anarthrus* LOMAN, *Siboga Exped. Monogr.*, **40**: 76-77, pl. IV, figs. 40-45.
 1990 *Anoplodactylus anarthrus*, - MÜLLER, *Bonn. zool. Beitr.*, **41** (1): 74.
 1990 *Anoplodactylus anarthrus*, - MÜLLER, *Zool. Abh. Staatl. Mus. Tierk.*, **45** (10): 106-109, figs. 7-13.

Distribution: Kenya; Indonesia (Timor); Fiji Islands.

Depth range: 0-0.5m.

Habitat: dead corals covered with algae; dead corals on reef flat.

***Anoplodactylus angulatus* (DOHRN 1881)**

- 1881 *Phoxichilidium angulatum* DOHRN, *Monogr. Fauna Flora Golf. Neapel*, **3**: 184-188, pl. XII, figs- 1-12.
 1929 *Anoplodactylus angulatus*, - GILTAY, *Bull. & Ann. Roy. Soc. Ent. Belg.*, **69**: 173.
 1945 *Anoplodactylus angulatus*, - LEBOUR, *J. Mar. Biol. Ass. U.K.*, **26**: 155-157.
 1958 *Anoplodactylus angulatus*, - STOCK, *Bull. Sea Fish. Res. Stat. Haifa*, **16**: 4.
 1968 *Anoplodactylus angulatus*, - STOCK, *Vie et Milieu*, **19** (1A): 28, fig. 22.
 1972 *Anoplodactylus angulatus*, - KING, *J. nat. Hist.*, **6**: 622.
 1973 *Anoplodactylus angulatus*, - KRAPP, *Beaufortia*, **21** (277): 72, fig. 6.
 1974 *Anoplodactylus angulatus*, - KING, *A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.)*, **5**: 35 [key], 42-43, fig. 17.
 1978 *Anoplodactylus angulatus*, - CHIMENZ-GUSSO, FRESI, CINELLI, MAZZELLA, PANSINI & PRIONZATO, *Mem. Biol. Mar. Ocean.*, **8** (4): 96.
 1979 *Anoplodactylus angulatus*, - CHIMENZ, BRIGNOLI & BASCIANO, *Cah. Biol. Mar.*,

20: 479.

- 1987 *Anoplodactylus angulatus*, - ARNAUD, Mesogee, **47**: 44-45.
 1990 *Anoplodactylus angulatus*, - STOCK, Zool. Meded., **63** (16): 229.
 1992 *Anoplodactylus angulatus*, - STOCK, Bijdr. Dierk., **62** (2): 94.
 1993 *Anoplodactylus angulatus*, - HARMS, Helgoländer Meeresuntersuch., **47**: 24,
 tab. 3.

Distribution: Mediterranean; England, Ireland and Wales; North Sea; Portugal; Azores; Canary Islands.

Depth range: 0-25m.

Habitat: shallow water algae in sheltered locations (*Halopteris scoparia*, *Dictyopteris* et *Jania rubens*"); *Eunicella cavolini*; *Corallina mediterranea*; *Cystoseira stricta*; in *Posidonia oceanica* seagrass; rocky and sandy coasts; on intertidal stones; muddy tidal flats with stones and algae.

***Anoplodactylus aragai* SAWAYA 1950**

- 1950 *Anoplodactylus aragai* SAWAYA, Mem. Inst. Oswaldo Cruz, **47** (1-2): 63-67, 77-80, pls. I-II.
 1992 *Anoplodactylus aragai*, - STOCK, Tijdschr. Ent., **135**: 130, 139.

Distribution: Brazil.

Depth range: 35-38m.

Habitat: among Hydrozoa, Bryozoa and algae.

***Anoplodactylus arcuatus* CHILD 1977**

- 1977 *Anoplodactylus arcuatus* CHILD, Proc. biol. Soc. Wash., **90** (3): 584-587, fig. 1.
 1992 *Anoplodactylus arcuatus*, - CHILD, Mem. Hourglass Cruises, **9** (1): 38 [tab. 5], 39 [key], 41, fig. 17.
 1992 *Anoplodactylus arcuatus*, - Müller, Stud. Nat. Hist. Caribb. Reg., **71**: 45-47, figs. 4-14.

Distribution: Barbados, Curaçao, Florida (Dry Tortugas), Texas.

Depth range: 2.5-55m.

Habitat: various coral reef locations.

***Anoplodactylus arescus* Du BOIS-REYMOND MARCUS 1959**

- 1959 *Anoplodactylus arescus* du BOIS-REYMOND MARCUS 1959, Kieler Meeresforsch. **15** (1): 105-107, pl. 1.
 1968 *Anoplodactylus arescus*, - STOCK, Vidensk. Medd. Dansk Naturhist. Foren, **131**: 53.
 1973 *Anoplodactylus arescus*, - ARNAUD, Tethys, **4** (4): 954.
 1975 *Anoplodactylus arescus*, - Trav. Mus. Hist. Nat. "Grigore Antipa", **16**: 133, figs. 10-12.
 1988 *Anoplodactylus arescus*, - CHILD, Smiths. Contr. Zool., **468**: 12.
 1988 *Anoplodactylus arescus*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (4): 810.

Distribution: Madaascar; Tanzania; Red Sea; Philippines.

Depth range: 0-5m.

Habitat: algae; in sand.

***Anoplodactylus arnaudae* STOCK 1978**

1978 *Anoplodactylus arnaudae* STOCK, Cah. Biol. Mar., **19**: 217-218, fig. 10.

1984 *Anoplodactylus arnaudae*, - STOCK, J. mar. biol. Ass. U.K.: 749.

1987 *Anoplodactylus arnaudae*, - STOCK, Cah. Biol. Mar., **28**: 514.

1991 *Anoplodactylus arnaudi*, - STOCK, Bull. Mus. natn. Hist. nat., 4e sér., **13**, sec. A, nos. 1-2: 139.

Distribution: NE-Atlantic.

Depth range: 330-1350m.

***Anoplodactylus australis* (HODGSON 1914)**

1914 *Phoxichilidium australe* HODGSON, Zool. Anz., **45** (4): 161.

1915 *Phoxichilidium australe*, - CALMAN, Brit. Antarctic Exp., 1910, Zool., **3** (1): 46-48, fig. 10A-D.

1915 *Phoxichilidium australe*, - HODGSON, Ann. Mag. Nat. Hist., (8) **15** (85): 145.

1927 *Phoxichilidium australe*, - HODGSON, Dtsch. Südpolar-Exp., **19** (Zool. II): 340.

1932 *Phoxichilidium australe*, - GORDON, Discovery Rep., **6**: 92.

1938 *Phoxichilidium australe*, - Sci. Rep. Australasian Antarctic Exp. (C), (Zool. & Bot.), **2** (8): 19.

1944 *Phoxichilidium australe*, - Rep. British, Australian and New Zealand Antarct. Res. Exp., (B) **5** (1): 48.

1952 *Phoxichilidium australe*, - FAGE, Bull. Mus. Natn. Hist. Nat., Paris, (2) **24** (2): 184.

1952 *Phoxichilidium australe*, - FAGE, Bull. Mus. Natn. Hist. Nat., Paris, (2) **24** (3): 271.

1955 *Anoplodactylus australis*, - STOCK, Res. Norw. Sci. Exped. Tristan da Cunha 1937-1938, **33**: 4.

Distribution: circumpolar in the Antarctic, northernmost records from Tasmania and Tristan da Cunha.

Depth range: 0-549m.

***Anoplodactylus baldarus* CHILD 1988**

1988 *Anoplodactylus baldarus* CHILD, Bull. Biol. Soc. Wash., **8**: 56-59, fig. 2.

Distribution: Seychelles (Aldabra Atoll).

Depth range: 0-55m.

Habitat: "Reef crest"; "Seaward of reef crest, sand in coral hollows" (CHILD); also among coralline algae.

***Anoplodactylus bahamensis* CHILD 1977**

- 1977 *Anoplodactylus bahamensis* CHILD, Proc. biol. Soc. Wash., **90** (3): 587-589, fig. 2.
 1982 *Anoplodactylus bahamensis*, - CHILD, Smiths. Contr. mar. Sci., **12**: 368.
 1986 *Anoplodactylus bahamensis*, - STOCK, Bull. mar. Sci., **38** (3): 403.

Distribution: Caribbean Sea. - Bahamas and Belize.

Depth range: 0.5-12m.

Habitat: tidal flats of coral reefs.

***Anoplodactylus batangensis* (HELPER 1938)**

- 1938 *Pycnosoma batangense* HELPER, Sitz.-Ber. naturforsch. Freunde Berlin, 1937: 174-176, fig. 6a-c.
 1940 *Pycnosoma batangense*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 47-48.
 1948 *Anoplodactylus stylirostris* HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 232-234, fig. 33.
 1949 *Anoplodactylus tenuirostris* LEBOUR, Proc. Zool. Soc. London, **118** (4): 929-930, fig. 1.
 1953 *Anoplodactylus batangense*, - STOCK, Beaufortia, **35** (4): 39-41, fig. 4a-e.
 1954 *Anoplodactylus batangense*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 127-128.
 1955 *Anoplodactylus batangense*, - BOURDILLON, Rev. Trav. Inst. Pêches Marit., **19** (4): 595-598, pl. II, figs. 4-8.
 1968 *Anoplodactylus batangensis*, - STOCK, Medd. dansk. naturhist. Foren., **131**: 54.
 1973 *Anoplodactylus batangensis*, - ARNAUD, Tethys, **4** (4) (1972): 957, figs. 3-4.
 1974 *Anoplodactylus batangensis*, - STOCK, Bull. Zoöl. Mus. Univ. Amsterdam, **4** (3): 17.
 1975 *Anoplodactylus batangensis*, - CHILD, Proc. biol. Soc. Wash., **88** (19): 191.
 1975 *Anoplodactylus batangensis*, - STOCK, Trav. Mus. Hist. Nat. "Grigore Antipa", **16**: 133.
 1975 *Anoplodactylus batangensis*, - STOCK, Bull. mar. Sci., **24** (4): 1082-1083, fig. 43c-d.
 1977 *Anoplodactylus batangensis*, - CHILD, Proc. biol. Soc. Wash., **90** (2): 444.
 1979 *Anoplodactylus batangensis*, - CHILD, Smiths. Contr. Zool., **293**: 50.
 1979 *Anoplodactylus batangensis*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 27.
 1982 *Anoplodactylus batangensis*, - CHILD, Smiths. Contr. mar. Sci., **12**: 368.
 1988 *Anoplodactylus batangensis*, - CHILD, Smiths. Contr. Zool., **468**: 14.
 1989 *Anoplodactylus batangensis*, - STOCK, Bijdr. Dierk., **59** (2): 95.
 1990 *Anoplodactylus batangensis*, - CHILD, Proc. biol. Soc. Wash., **103** (82): 311-335.
 1990 *Anoplodactylus batangensis*, - MÜLLER, Bonn. zool. Beitr., **41** (3-4): 283-284.
 1992 *Anoplodactylus batangensis*, - CHILD, Mem. Hourglass Cruises, **9** (1): 38 [tab. 5], 39 [key], 41-42, fig. 18.
 1992 *Anoplodactylus batangensis*, - Müller, Stud. Nat. Hist. Caribb. Reg., **71**: 47.

Distribution: circumtropical.

Depth range: 0-40 m.

Habitat: in a variety of substrata, often in seagrass (*Thalassia*) and coral rubble.

***Anoplodactylus bourboni* MÜLLER 1990**

1990 *Anoplodactylus bourboni* MÜLLER, Zool. Abh. Staat. Mus. Tierk., **45** (9): 98-100, figs. 1-6.

Distribution: La Réunion.

Depth range: 0.5-1m.

Habitat: crest and lagoon of fringing reef, from dead corals.

***Anoplodactylus bova* CHILD 1979**

1979 *Anoplodactylus bova* CHILD, Smiths. Contr. Zool., **293**: 50-52, fig. 17.

Distribution: Panamá Pacific.

Depth range: low intertidal.

***Anoplodactylus brasiliensis* HEDGPETH 1948**

1940 *Anoplodactylus pygmaeus*, - MARCUS, Bolm. Fac. Fil. Cienc. Letr., Univ. S. Paulo, 4: 63-65, Pl. VI fig. A-D.

1992 *Anoplodactylus brasiliensis*, - STOCK, Tijdschr. Ent., **135**: 130, 139.

Distribution: Brazil.

Depth range: infralittoral.

Habitat: seaweeds on rocky shore.

***Anoplodactylus brevicollis* LOMAN 1908**

1908 *Anoplodactylus brevicollis* LOMAN, Siboga Exped. Monogr., **40**: 74-75, pl. III, figs. 29-32.

Distribution: SE-Asia.

Depth range: 13m.

Habitat: sand and shells.

***Anoplodactylus brevirostris* CHILD 1988**

1988 *Anoplodactylus brevirostris* CHILD, Smiths. Contr. Zool., **468**: 14-16, fig. 6.

1992 *Anoplodactylus brevirostris*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 163-164.

Distribution: Philippines (Batan Island); Malaysia (Pulau Tioman).

Depth range: 1-3 m.

Habitat: dead corals.

***Anoplodactylus brucei* CHILD 1990**

1990 *Anoplodactylus brucei* CHILD, Proc. biol. Soc. Wash., **103** (2): 327-330, fig.

6.

1992 *Anoplodactylus brucei*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 166 [text].

Distribution: Australian barrier reef.

Depth range: 6.2m.

Habitat: coral reefs. - rubble.

***Anoplodactylus bruuni* Child, 1992**

1992 *Anoplodactylus bruuni* CHILD, Smiths. Contr. Zool., **526**: 35-37, fig. 15.

Distribution: Chile (Islas Juan Fernandez).

Depth range: 0-180m.

Habitat: "rocks and sand" (CHILD).

***Anoplodactylus californicus* HALL 1912**

1849 ?*Nymphon dubium*, - NICOLET, in: GAY, Hist. fis. polit. Chile, 3. Atlas zool., Crustacéos: 307.

1912 *Anoplodactylus californicus* HALL, First Ann. Rep. Laguna Mar. Lab., **1**: 91.

1913 *Anoplodactylus californicus*, - HALL, Univ. Calif. Publ. Zool., **11** (6): 129.

1915 *Anoplodactylus californicus*, - HILTON, J. Ent. Zool. Pomona College, **7** (1): 69.

1915 *Anoplodactylus californicus*, - HILTON, J. Ent. Zool. Pomona College, **7** (3): 201, 205.

1920 *Anoplodactylus californicus*, - HILTON, J. Ent. Zool. Pomona College, **12** (4): 93.

1927 *Anoplodactylus portus* CALMAN, Trans. Zool. Soc. London, **22** (3): 405-408, fig. 103.

1939 *Anoplodactylus californicus*, - HILTON, J. Ent. Zool. Pomona College, **31** (2): 29.

1939 *Anoplodactylus robustus*, - HILTON, J. Ent. Zool. Pomona College, **31** (2): 28-29.

1940 *Anoplodactylus californicus*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 40 [key].

1941 *Anoplodactylus californiensis*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26): 257 [key], pl. 11.

1942 *Anoplodactylus californicus*, - HILTON, Rep. Allan Hancock Pac. Exped., **5** (9): 277 [list], 288-291, pl. 39.

1942 *Anoplodactylus californicus*, - HILTON, J. Ent. Zool. Pomona College, **34** (3): 72.

1942 *Anoplodactylus projectus* HILTON, Occ. Pap. Bernice P. Bishop Mus., **17** (3): 45-47, fig. 3a-b.

1943 *Anoplodactylus carvalhoi*, - HEDGPETH, Proc. New England Zool. Club, **22**: 46.

1948 *Anoplodactylus carvalhoi*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 230-232, fig. 30e-g.

1950 *Anoplodactylus portus*, - SAWAYA, Mem. Inst. Oswaldo Cruz, **47** (1-2): 70 [key].

1954 *Anoplodactylus portus*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 128.

1955 *Anoplodactylus carvalhoi*, - BOURDILLON, Rev. Trav. Inst. Pêches Marit., **19** (4): 592.

1955 *Anoplodactylus portus*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 238-239.

- 1958 *Anoplodactylus portus*, - STOCK, Bull. Res. Council Israel, **7B**: 140-141, fig. 2.
- 1958 *Anoplodactylus portus*, - STOCK, Bull. Sea Fish. Res. Stat. Haifa, **16**: 4.
- 1962 *Anoplodactylus portus*, - STOCK, Ent. Ber., **22**: 218.
- 1971 *Anoplodactylus portus*, - LIPKIN & SAFRIEL, J. Ecol., **59** (1): 9.
- 1975 *Anoplodactylus portus*, - CHILD, Proc. biol. Soc. Wash., **88** (19): 201.
- 1975 *Anoplodactylus portus*, - STOCK, Bull. mar. Sci., **24** (4): 1052-1053.
- 1976 *Anoplodactylus portus*, - BIRKELAND, REIMER & YOUNG, Ecol. Res. Ser.: 158.
- 1978 *Anoplodactylus portus*, - CHILD, Zool. J. Linn. Soc., **63** (1-2): 133-144, figs. 1-4 [gynandromorphism].
- 1979 *Anoplodactylus portus*, - CHILD, Smiths. Contr. Zool., **293**: 58.
- 1979 *Anoplodactylus portus*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 15.
- 1982 *Anoplodactylus portus*, - CHILD, Smiths. Contr. mar. Sci., **12**: 373.
- 1987 *Anoplodactylus portus*, - ARNAUD, Mesogee, **47**: 46.
- 1987 *Anoplodactylus californicus*, - CHILD, Proc. biol. Soc. Wash., **100** (3): 544-555.
- 1990 *Anoplodactylus californicus*, - MÜLLER, Bonn. zool. Beitr., **41** (3-4): 284.
- 1992 *Anoplodactylus californicus*, - CHILD, Mem. Hourglass Cruises, **9** (1): 38 [tab. 5], 39 [key], 43, fig. 19.
- 1992 *Anoplodactylus californicus*, - CHILD, Smiths. Contr. Zool., **526**: 37.

Distribution: tropical and temperate N-Atlantic, NE-Pacific south to Chile; Mediterranean.

Depth range: 0-<100m.

Habitat: in a variety of substrata, often in algal vegetation.

***Anoplodactylus calliopus* STAPLES 1982**

- 1982 *Anoplodactylus calliopus* STAPLES, Mem. Qd. Mus., **20** (3): 459-461, fig. 3A-K.

Distribution: Australia (Queensland).

Depth range: 1-5.6m.

***Anoplodactylus carnatus* NAKAMURA & CHILD 1983**

- 1983 *Anoplodactylus carnatus* NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 42-44, fig. 14.
- 1991 *Anoplodactylus carnatus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 25.

Distribution: Japan.

Depth range: 5-15 m.

***Anoplodactylus chamorrus* CHILD 1983**

- 1983 *Anoplodactylus chamorrus* CHILD, Proc. biol. Soc. Wash., **96** (4): 705-707, fig. 3.
- 1988 *Anoplodactylus chamorrus*, - Smiths. Contr. Zool., **468**: 16.
- 1990 *Anoplodactylus chamorrus*, - CHILD, Proc. biol. Soc. Wash., **103** (2): 330-331.
- 1991 *Anoplodactylus chamorrus*, - CHILD, Proc. biol. Soc. Wash., **104** (1): 143.
- 1992 *Anoplodactylus chamorrus*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 164.

Distribution: Philippines; Guam; Australian barrier reef; Malaysia (Pulau Babi Besar, Tioman Archipelago).

Depth range: 0-12 m.

Habitat: dead corals; coralline and other algae.

Anoplodactylus compactus (HILTON 1939)

- 1939 *Phoxichilidium compactum* HILTON, J. Ent. Zool. Pomona College, **31** (2): 27-28.
- 1939 *Phoxichilidium compactum*, - HILTON, J. Ent. Zool. Pomona College, **31** (4): 72.
- 1940 *Halosoma compactum*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 45-46 [list].
- 1941 *Phoxichilidium compactum*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26): 257.
- 1942 *Halosoma compactum*, - HILTON, J. Ent. Zool. Pomona College, **34** (3): 74.
- 1954 *Halosoma compactum*, - HEDGPETH, in: R.I. SMITH et al. (Eds.), Intertidal Invertebrates of the Central California coast: 205.
- 1975 *Anoplodactylus compactus*, - CHILD, Proc. biol. Soc. Wash., **88** (19): 191-193, fig. 1.

Distribution: California (Laguna Beach, Monterey Bay).

Depth range: intertidal.

Anoplodactylus compositus CHIMENZ, COTTARELLI & TOSTI 1991

- 1991 *Anoplodactylus compositus* CHIMENZ, COTTARELLI & TOSTI, Fragm. Ent., **23** (1): 7-12, figs. 1-9.

Distribution: Mediterranean Sea (Apulian coast).

Depth range: 21m.

Habitat: "Coralligenous Biocenosis" (CHIMENZ, COTTARELLI & TOSTI).

Anoplodactylus coxalis STOCK 1968

- 1968 *Anoplodactylus coxalis* STOCK, Vidensk. Meddr. dansk naturh. Foren., **131**: 54-56, fig. 20.

Distribution: Kermadec Islands (Raoul Island).

Depth range: 75-85m.

Habitat: gravel, stones.

Anoplodactylus crassus NAKAMURA & CHILD 1988

- 1986 *Anoplodactylus viridintestinalis*, - KIM, Proc. Nat. Sci. Res. Inst. KANU, **2** (1): 3-5.
- 1986 *Anoplodactylus viridintestinalis*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 44.
- 1987 *Anoplodactylus viridintestinalis*, - HONG & KIM, Jor. J. Syst. Zool., **3** (2):

161.
 1988 *Anoplodactylus crassus* NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (4): 810-813, fig. 1.
 1988 *Anoplodactylus viridintestinalis*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (4): 812-813 [text], fig. 2a-f.
 1991 *Anoplodactylus crassus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 25.

Distribution: American Samoa, Korea and Japan.
Depth range: 3m.

***Anoplodactylus cribellatus* CALMAN 1923**

- 1923 *Anoplodactylus cribellatus* CALMAN, Rec. Ind.Mus., **24** (3): 285-287, fig. 12a-e.

Distribution: Andam Islands.
Depth range: 4-17m.

***Anoplodactylus dentimanus* STOCK 1979**

- 1923 *Anoplodactylus virescens*, - BOUVIER, Faune de France, **7**: 41, fig. 37.
 1945 *Anoplodactylus virescens*, - LEBOUR, J. Mar. Biol. Assoc. U.K., **26**: 150.
 1974 *Anoplodactylus virescens*, - ARNAUD, Tethys **5** (4): 784, figs. 6-9.
 1979 *Anoplodactylus dentimanus* STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **29**: 24-26, fig. 8.

Distribution: Indian Ocean (St. Paul and Amsterdam Islands).

***Anoplodactylus derjugini* (LOSINA-LOSINSKY 1929)**

- 1933 *Halosoma derjugini*, - LOSINA-LOSINSKY, Isledov. Morei S.S.S.R. Leningrad, **17**: 47-49, pl. 2, figs. a-e.

Distribution: Pacific U.S.S.R.

***Anoplodactylus digitatus* (BÖHM 1879)**

- 1879 *Phoxichilidium* (*Anoplodactylus*) *digitatum* BÖHM, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, 1879: 184-185, pl. II, figs. 2a-b.
 1908 *Anoplodactylus digitatus*, - LOMAN, Siboga Exp. Monogr., **40**: 74-76, pl. II, figs. 25-28.
 1923 *Anoplodactylus saxatilis* CALMAN, Rec. Indian Mus., **24** (3): 287-288, fig. 13.
 1923 *Anoplodactylus investigatoris* CALMAN, Rec. Indian Mus., **24** (3): 288-289, fig. 14.
 1927 *Anoplodactylus saxatilis*, - CALMAN, Trans. Zool. Soc. London, **22** (3): 405.
 1954 *Anoplodactylus investigatoris*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 85-86, figs. 37a-b, 38b.
 1955 *Anoplodactylus investigatoris*, - BOURDILLON, Rev. Trav. Inst. Pêches Marit., **19** (4): 593-594, pl. II, figs. 1-3.
 1958 *Anoplodactylus saxatilis*, - STOCK, Bull. Res. Counc. Israel, **7B**: 139-140,

- fig. 1a-c.
- 1958 *Anoplodactylus investigatoris*, - STOCK, Bull. Sea Fish. Res. Stat. Haifa, **16**: 4.
- 1965 *Anoplodactylus digitatus*, - STOCK, Beaufortia, **13** (151): 28-29.
- 1968 *Anoplodactylus digitatus*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 49.
- 1974 *Anoplodactylus* cf. *digitatus*, - ARNAUD, Bull. Zool. Mus. Univ. Amsterdam., **3** (21): 174.
- 1987 *Anoplodactylus digitatus*, - ARNAUD, Mesogee, **47**: 45.
- 1992 *Anoplodactylus digitatus*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 164-166, figs. 18-26.
- 1992 *Anoplodactylus digitatus*, - STOCK, Bijdr. Dierk., **62** (2): 94.

Distribution: almost worldwide in tropical and subtropical waters. - tropical Indo-Pacific (Malaysia (Tioman Archipelago, Pulau Babi Besar; Oman; Singapore), Caribbean and Mediterranean.

Depth range: 0-2 m.

Habitat: dead corals and under stones.

***Anoplodactylus erectus* COLE 1904**

- 1904 *Anoplodactylus erectus* COLE, Harriman Alaska Exped., **10**: 289-291, pl. 14 fig. 12, pl. 26 figs. 1-9.
- 1913 *Anoplodactylus erectus*, - HALL, Univ. Calif. Publ. Zool., **11** (6): 133.
- 1916 *Anoplodactylus erectus*, - HILTON, J. Ent. Zool. Pomona College, **8** (1): 25-34, figs. 1-6.
- 1934 *Anoplodactylus erectus*, - SCHMITT, J. Wash. Acad. Sci., **24** (1): 69.
- 1939 *Anoplodactylus erectus*, - HILTON, J. Ent. Zool. Pomona College, **31** (2): 28.
- 1939 *Anoplodactylus erectus*, - HILTON, J. Ent. Zool. Pomona College, **31** (4): 72, pl. II, fig. 9.
- 1941 *Anoplodactylus erectus*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26): 257 [key].
- 1942 *Anoplodactylus erectus*, - HILTON, Rep. Allan Hancock Pac. Exped., **5** (9): 283-286, pl. 37.
- 1942 *Anoplodactylus erectus*, - HILTON, J. Ent. Zool. Pomona College, **34** (3): 72.
- 1955 *Anoplodactylus erectus*, - STOCK, Vidensk. Medd. dansk naturhist. Foren, **117**: 239-243, figs. 13-14.
- 1970 *Anoplodactylus erectus*, - CHILD, Proc. biol. Soc. Wash., **83** (27): 288.
- 1975 *Anoplodactylus erectus*, - STOCK, Ent. Ber., **35**: 74-76, figs. 22-23.
- 1976 *Anoplodactylus erectus*, - BIRKELAND, REIMER & YOUNG, Ecol. Res. Ser., EPA-600/3-76-028: 158.
- 1979 *Anoplodactylus erectus*, - CHILD, Smiths. Contr. Zool., **293**: 52-53.
- 1986 *Anoplodactylus erectus*, - HONG & KIM, Kor. J. Syst. Zool., **2** (2): 41-42, fig. 5.
- 1987 *Anoplodactylus erectus*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 161.
- 1988 *Anoplodactylus erectus*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (4): 813.
- 1989 *Anoplodactylus erectus*, - MÜLLER, Bonn. zool. Beitr., **40** (2): 126, figs. 41-44.
- 1990 *Anoplodactylus erectus*, - CHILD, Proc. biol. Soc. Wash., **103** (1): 157.
- 1990 *Anoplodactylus erectus*, - MÜLLER, Senckenbergiana biol., **70** (1989) (1/3): 194-195, figs. 28-34.
- 1991 *Anoplodactylus erectus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 25-26.

1992 *Anoplodactylus erectus*, - CHILD, *Smiths. Contr. Zool.*, **526**: 37.

Distribution: Pacific coast of North-America (Canada to Panamá), French Polynesia (Society Archipelago; Tuamotu Archipelago), Samoa, Korea and Japan; Chile (Isla San Felix); Ecuador.

Depth range: 0-40m.

Habitat: coral reef locations; sand.

Anoplodactylus eroticus STOCK 1968

1968 *Anoplodactylus eroticus* STOCK, *Vidensk. Medd. dansk naturhist. Foren*, **131**: 49-51, fig. 18.

Distribution: India (Pamban Pass, Gulf of Manaar); Hawaii (Honolulu).

Anoplodactylus evansi CLARK 1963

1963 *Anoplodactylus evansi* CLARK, *Rec. Austr. Mus.*, **26** (1): 51-53, fig. 26A-G.

1973 *Anoplodactylus evansi*, - STOCK, *Beaufortia*, **20**: 121.

Distribution: Australia (Tasmania; West Island).

Depth range: 0-13m.

Habitat: on *Acrocarpia* (Phaeophyta); on seaweed attached to rock; on hydroids.

Anoplodactylus evelinae MARCUS 1940

1940 *Anoplodactylus evelinae* MARCUS, *Bolm. Fac. Fil. Cién, Letr. Univ. S. Paulo*, ser. **19** (Zool.), 4: 55-58, fig. 4.

1948 *Anoplodactylus evelinae*, - HEDGPETH, *Proc. U.S. natn. Mus.*, **97** (3216): 232, fig. 31.

1950 *Anoplodactylus evelinae*, - SAWAYA, *Mem. Inst. Oswaldo Cruz*, **47** (1-2): 72.

1954 *Anoplodactylus (Labidodactylus) evelinae*, - STOCK, *Stud. Fauna Curaçao and other Caribb. Isl.*, **24**: 128.

1975 *Anoplodactylus (Labidodactylus) evelinae*, - STOCK, *Bull. mar. Sci.*, **24** (4): 1083.

1979 *Anoplodactylus evelinae*, - CHILD, *Smiths. Contr. Zool.*, **293**: 53.

1979 *Anoplodactylus evelinae*, - STOCK, *Stud. Fauna Curaçao and other Caribb. Isl.*, **59** (184): 27.

1982 *Anoplodactylus evelinae*, - CHILD, *Smiths. Contr. mar. Sci.*, **12**: 368.

1986 *Anoplodactylus evelinae*, - STOCK, *Bull. mar. Sci.*, **38** (3): 404.

1992 *Anoplodactylus evelinae*, - STOCK, *Tijdschr. Ent.*, **135**: 130, 139.

Distribution: in W-Atlantic from Florida to Brazil; Kongo and Pacific Coast of Panamá.

Depth range: 0-30m.

Habitat: in a variety of substrata.

Anoplodactylus excelsus NAKAMURA & CHILD 1983

- 1983 *Anoplodactylus excelsus* NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **386**: 44-46, fig. 15.
 1991 *Anoplodactylus excelsus*, - NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **512**: 26, 27 [key].

Distribution: Japan (Sagami Bay).
Depth range: 37-416m.

Anoplodactylus falciclavus CHILD 1988

- 1988 *Anoplodactylus falciclavus* CHILD, *Smiths. Contr. Zool.*, **468**: 16-18, fig. 7.

Distribution: Philippines (Negros Island).
Depth range: littoral.

Anoplodactylus galetensis CHILD 1979

- 1979 *Anoplodactylus galetensis* CHILD, *Smiths. Contr. Zool.*, **293**: 54-55, fig. 18.

Distribution: Panamá Caribbean.
Depth range: subtidal-6m.

Anoplodactylus gestiens (ORTMANN 1890)

- 1891 *Phoxichilidium gestiens* ORTMANN, *Zool. Jb. (Syst.)*, **5** (1): 166, pl. XXIV, fig. 8.
 1911 *Anoplodactylus gestiens*, - LOMAN, *Abh. Kayserl. Bayr. Akad. Wiss. (Math. - Naturwiss. Kl.)*, Suppl. **2** (4): 13.
 1919 *Anoplodactylus gestiens*, FUKUI, *Rigakukai(?)*, **16** (2): 98.
 1936 *Anoplodactylus gestiens*, - OHSHIMA, *Dôbutsugaku Zasshi*, **48** (8-10): 864.
 1949 *Anoplodactylus gestiens*, - HEDGPETH, *Proc. U.S. natn. Mus.*, **98** (3231): 284, fig. 40a-d.
 1954 *Anoplodactylus gestiens*, - STOCK, *Vidensk. Medd. dansk. naturhist. Foren.*, **116**: 71-72, fig. 31a-b.
 1962 *Anoplodactylus gestiens*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **10** (1): 96.
 1965 *Anoplodactylus gestiens*, - UTINOMI, *New Illustr. Encycl. Fauna Japan*, **2**: 335.
 1971 *Anoplodactylus gestiens*, - UTINOMI, *Publ. Seto Mar. Biol. Lab.*, **18** (5): 325-326.
 1982 *Anoplodactylus gestiens*, - CHILD & NAKAMURA, *Proc. biol. Soc. Wash.*, **95** (2): 292-295, fig. 1 [gynandromorphism].
 1983 *Anoplodactylus gestiens*, - NAKAMURA & CHILD 1983, *Smiths. Contr. Zool.*, **386**: 46.
 1987 *Anoplodactylus gestiens*, - NAKAMURA, *Biol. Lab. Imperial Household*: 15-16, pl. 12.
 1990 *Anoplodactylus gestiens*, - TURPAYEVA, *Zool. Zh.*, **69** (9): 18-19, fig. 1 (4-5).

Distribution: Japan.
Depth range: 0-479m.

Habitat: *Zostera*-belt; hard bottom.

***Anoplodactylus gibbifemoris* TURPAEVA 1991**

1991 *Anoplodactylus gibbifemoris* TURPAEVA, - Zool. Zh., **70** (3): 151-154, figs. 1-7.

Distribution: SE-Pacific (Naska ridge, underwater mountain).

***Anoplodactylus glandulifer* STOCK 1954**

1954 *Anoplodactylus glandulifer* STOCK, Vidensk. Medd. Dansk naturhist. Foren., **116**: 80-84, fig. 36.

1958 *Anoplodactylus glandulifer*, - STOCK, Bull. Sea Fish. Res. Stat. Haifa, **16**: 3.

1968 *Anoplodactylus glandulifer*, - STOCK, Vidensk. Meddr. dansk naturhist. Foren. **131**: 49.

1973 *Anoplodactylus glandulifer*, - ARNAUD, Tethys, **4** (4): 955, figs. 1-2.

1974 *Anoplodactylus glandulifer*, - STOCK, Bull. Zoöl. Mus. Univ. Amsterdam, **4** (3): 16.

1977 *Anoplodactylus multiclavus* CHILD, Proc. biol. Soc. Wash., **90** (3): 593, fig. 4.

1979 *Anoplodactylus multiclavus*, - CHILD, Smiths. Contr. Zool., **293**: 58.

1982 *Anoplodactylus glandulifer*, - CHILD, Proc. biol. Soc. Wash., **95** (2): 273-274.

1982 *Anoplodactylus multiclavus*, - CHILD, Smiths. Contr. mar. Sci., **12**: 372.

1986 *Anoplodactylus multiclavus*, - STOCK, Bull. mar. Sci., **38** (3): 404, 439.

1988 *Anoplodactylus glandulifer*, - CHILD, Bull. biol. Soc. Wash., **8**: 59.

1988 *Anoplodactylus glandulifer*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (4): 813.

1990 *Anoplodactylus glandulifer*, - CHILD, Proc. biol. Soc. Wash., **103** (2): 331.

1990 *Anoplodactylus glandulifer*, - MÜLLER, Bonn. zool. Beitr., **41** (1): 74.

1991 *Anoplodactylus glandulifer*, - CHILD, Proc. biol. Soc. Wash., **104** (1): 143-144.

1992 *Anoplodactylus dauphinus* CHILD, Mem. Hourglass Cruises, **9** (1): 38 [tab 5, key], 43-46, fig. 20.

1992 *Anoplodactylus glandulifer*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 166, figs. 27-30.

1992 *Anoplodactylus glandulifer*, - STOCK, Bijdr. Dierk., **62** (2): 94-95.

Distribution: tropical Indo-Pacific and Caribbean Sea.

Depth range: 0-78 m.

Habitat: in a variety of substrata.

***Anoplodactylus haswelli* (FLYNN 1918)**

1918 *Halosoma haswelli* FLYNN, Pap. Proc. Roy. Soc. Tasmania, 1918: 11-15, pl. I, figs. 1-6.

1954 *Anoplodactylus haswelli*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 86-88, fig. 40a-b.

1963 *Anoplodactylus haswelli*, - CLARK, Rec. Austr. Mus., **26** (1): 48-49, fig.

24A-D.

1982 *Anoplodactylus haswelli*, - STAPLES, Mem. Qd. Mus., **20** (3): 461.**Distribution:** Australia; New Zealand.**Depth range:** intertidal.**Habitat:** amongst mussels; from weeds on rocky coast; rocks.***Anoplodactylus hwanghaensis* KIM & HONG 1986**1986 *Anoplodactylus hwanghaensis* KIM & HONG, Kor. J. Syst. Zool., **2** (2): 41-44, fig. 6.1987 *Anoplodactylus hwanghaensis*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 161.1991 *Anoplodactylus hwanghaensis*, - Smiths. Contr. Zool., **512**: 27.**Distribution:** Japan and Korea.**Depth range:** intertidal.***Anoplodactylus imperialis* NAKAMURA & CHILD 1986**1983 *Anoplodactylus* sp. NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 54, fig. 18.1986 *Anoplodactylus imperialis* NAKAMURA & CHILD, Zool. Sci., **3**: 895-897, fig. 3.1987 *Anoplodactylus imperialis*, - NAKAMURA, Biol. Lab. Imperial Household: 16, pl. 13.1991 *Anoplodactylus imperialis*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 26 [key], 27.**Distribution:** Japan (Sagami Bay).**Depth range:** 38-50 m.***Anoplodactylus imswe* CHILD 1982**1982 *Anoplodactylus imswe* CHILD, Smiths. Contr. mar. Sci., **12**: 369-371, fig. 166.**Distribution:** Belize (Tobacco Reef; Carrie Bow Cay).**Depth range:** 0.5m.**Habitat:** tidal flats.***Anoplodactylus inermis* LOSINA-LOSINSKY, 1961**1961 *Anoplodactylus inermis* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 80-82, fig. 12.**Distribution:** NW-Pacific.**Depth range:** 414m.***Anoplodactylus insigniformis* STOCK 1975**1975 *Anoplodactylus insigniformis* STOCK, Bull. mar. Sci., **24** (4): 1058-1063, figs. 45-47.

- 1979 *Anoplodactylus insigniformis*, - CHILD, Smiths. Contr. Zool., **293**: 54.
 1979 *Anoplodactylus insigniformis*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 15.
 1986 *Anoplodactylus insigniformis*, - STOCK, Bull. mar. Sci., **38** (3): 404.

Distribution: Caribbean Coast of Panamá, Jamaica, Aruba, Curaçao, Venezuela.

Depth range: 0-7m.

Habitat: in a variety of substrata, often among fouling on pilings.

Anoplodactylus insignis (HOEK 1881)

- 1881 *Phoxichilidium insigne* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 82-84, pl. 14, figs. 5-7.
 1904 *Anoplodactylus insignis bermudensis* COLE, Boston Soc. nat. Hist., **31** (8): 325-327, pl. 20, figs. 1-3.
 1940 *Anoplodactylus insignis bermudensis*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 40.
 1940 *Anoplodactylus insignis*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 58-60.
 1943 *Anoplodactylus insignis*, - HEDGPETH, Proc. New England Zool. Club, **22**: 45.
 1948 *Anoplodactylus insignis*, - HEDGPETH, Proc. U.S. natn. Mus., **3216**: 226-228, fig. 28d-g
 1954 *Anoplodactylus insignis*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 127.
 1955 *Anoplodactylus insignis*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 235.
 1973 *Anoplodactylus insignis*, - KRAEUTER, J. nat. Hist., **7**: 494
 1975 *Anoplodactylus insignis*, - STOCK, Bull. mar. Sci., **24** (4): 1056-1058, fig. 44
 1976 *Anoplodactylus insignis*, - KRAPP & KRAEUTER, Bonn. zool. Beitr., **27** (3/4) 337.
 1986 *Anoplodactylus insignis*, - STOCK, Bull. mar. Sci., **38** (3): 437.
 1986 *Anoplodactylus insignis* var. *calcaratus*, - STOCK, Bull. mar. Sci., **38** (3): 437-438, fig. 15a-b [n. var.].
 1992 *Anoplodactylus insignis*, - CHILD, Mem. Hourglass Cruises, **9** (1): 38 [tab. 5], 39 [key], 46-49, fig. 21, 76 [tab. 12], 78 [tab. 14].

Distribution: Virginia to Brazil and Bermuda.

Depth range: 0-90m.

Habitat: Intertidal estuaries.

Anoplodactylus iuleus STOCK 1975

- 1975 *Anoplodactylus iuleus* STOCK, Bull. mar. Sci., **24** (4): 1069-1072, figs. 51-52.
 1976 *Anoplodactylus iuleus*, - KRAPP & KRAEUTER, Bonn. zool. Beitr., **27** (3/4): 337.
 1986 *Anoplodactylus iuleus*, - STOCK, Bull. mar. Sci., **38** (3): 438-439.

Distribution: Florida and Cuba.

Depth range: 218-476m.

***Anoplodactylus jonesi* CHILD 1974**

- 1974 *Anoplodactylus jonesi* CHILD, Proc. biol. Soc. Wash., **87** (43): 497-500, fig. 2.
 1975 *Anoplodactylus(?) antillanus* STOCK, Bull. mar. Sci., **24** (4): 1081-1082, fig. 57.
 1979 *Anoplodactylus jonesi*, - CHILD, Smiths. Contr. Zool., **293**: 56, fig. 19a-b.
 1982 *Anoplodactylus jonesi*, - CHILD, Smiths. Contr. mar. Sci., **12**: 371.
 1986 *Anoplodactylus jonesi*, - Bull. mar. Sci., **38** (3): 404.

Distribution: Florida, Bonaire, Caribbean Coast of Panamá and Belize.

Depth range: 0-100m.

Habitat: in a variety of substrata; *Halimeda* on coral reefs.

***Anoplodactylus jungersi* FAGE 1949**

- 1949 *Anoplodactylus jungersi* FAGE, Arch. Zool. Exp. Gen., **86** (Notes & Rev.), 2: 25-27, fig. 2.

Distribution: Congo Belge.

***Anoplodactylus justii* MÜLLER 1992**

- 1992 *Anoplodactylus justii* Müller, Stud. Nat. Hist. Caribb. Reg., **71**: 48-50, figs. 15-19.

Distribution: Barbados.

Depth range: 54m.

Habitat: "sand and fine coral rubble, low sponges" (MÜLLER).

***Anoplodactylus krappi* MÜLLER 1990**

- 1990 *Anoplodactylus krappi* MÜLLER, Bonn. zool. Beitr., **41** (1): 74-77, figs. 27-33.

Distribution: Kenya (Watamu area).

Depth range: 0-0.5m.

Habitat: dead corals covered with algae.

***Anoplodactylus lagenus* NAKAMURA & CHILD 1983**

- 1983 *Anoplodactylus lagenus* NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 48-49, fig. 16.
 1987 *Anoplodactylus lagenus*, - NAKAMURA, Biol. Lab. Imperial Household: 17, pl. 14.
 1991 *Anoplodactylus lagenus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 27.

Distribution: Japan (Sagami Bay).
Depth range: 37-40m.

***Anoplodactylus laminifer* ARNAUD 1974**

1974 *Anoplodactylus laminifer* ARNAUD, *Tethys*, **5** (4): 782-784, figs. 1-5.

Distribution: Southern Indian Ocean (St. Paul and Amsterdam Islands).

Depth range: 80-100m.

***Anoplodactylus lentus* WILSON 1878**

- 1821 *Anaphia pallida* SAY 1821, *J. Acad. Nat. Sci.*, **2** (1): 59-61, pl. 5, fig. 7.
 1873 *Phoxichilidium maxillare* VERRILL, *Rep. U.S. Comm. Fish.*, **1**: 250, pl. 7, fig. 35.
 1878 *Anoplodactylus lentus* WILSON, *Am. J. Sci. Arts*, **3** (15): 200.
 1878 *Anoplodactylus lentus*, - WILSON, *Trans. Conn. Acad. Arts & Sci.*, **5**: 14-15, pl. 4, fig. 3a-c.
 1880 *Anoplodactylus lentus*, - WILSON, *Rep. U.S. Fish. Comm.*, **6**: 482-483, pl. 3, figs. 16-18.
 1891 *Phoxichilidium maxillare*, - MORGAN, *Stud. Biol. Lab. Johns Hopkins Univ., Baltimore*, **5** (1): (embryology).
 1901 *Anoplodactylus lentus*, - COLE, *Biol. Bull. Woods Hole Mar. Biol. Lab.*, **2** (5): 195-207 (habits).
 1908 *Anaphia lenta*, - NORMAN, *J. Linn. Soc. London (Zool.)*, **30**: 204.
 1913 *Anoplodactylus lentus*, - SUMNER, OSBURN & COLE, *Bull. Bureau Fish., Washington*, **31** (1, 2): 142, 677, chart 121 (distribution map).
 1925 *Anoplodactylus lentus*, - FISH, *Bull. Bureau Fish., Washington*, **41**: 161.
 1934 *Anoplodactylus lentus*, - DAWSON, *Biol. Bull. Woods Hole Mar. Biol. Lab.*, **66**: 62-68, pl. 1, figs. 1-17 (character of blood).
 1943 *Anoplodactylus lentus*, - HEDGPETH, *Proc. New England Zool. Club*, **22**: 45.
 1943 *Anoplodactylus lentus*, - NEEDLER, *Can. Atl. Fauna*, **10**: 14, fig. 17a-d.
 1948 *Anoplodactylus lentus*, - HEDGPETH, *Proc. U.S. Natn. Mus.*, **97** (3216): 225--226, fig. 28a-c
 1973 *Anoplodactylus lentus*, - KRAEUTER, *J. nat. Hist.*, **7**: 494.
 1975 *Anoplodactylus lentus*, - STOCK, *Bull. mar. Sci.*, **24** (4): 1055-1056, figs. 42f-i, 43a-b
 1976 *Anoplodactylus lentus*, - KRAPP & KRAEUTER, *Bonn. zool. Beitr.*, **27**: 338, fig. 1.
 1986 *Anoplodactylus lentus*, - STOCK, *Bull. mar. Sci.*, **38** (3): 439.
 1992 *Anoplodactylus lentus*, - CHILD, *Mem. Hourglass Cruises*, **9** (1): 38 [tab. 5], 39 [key], 49-52, fig. 22, 67 [text], 76 [tab. 12], 78 [tab. 14].

Distribution: tropical and temperate W-Atlantic, from Massachusetts (U.S.A.) to northern coast of South America.

Depth range: 20-600 m.

Habitat: sand and soft bottom

***Anoplodactylus lineatus* NAKAMURA & CHILD 1991**

1991 *Anoplodactylus laminifer* NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **512**: 27

[key], 27-29, fig. 10.

Distribution: Japan.
Depth range: 79-80 m.

***Anoplodactylus longiceps* STOCK 1951**

- 1941 *Anoplodactylus longicollis* WILLIAMS, Mem. Qd. Mus., **12** (1): 36-38, figs. 2-5.
1951 *Anoplodactylus longiceps* STOCK, Rés. Sci. Crois. Navire-École Belge "Mercator", **5**. Mem. Inst. Roy. Sci. Nat. Belg., sér. 2, fasc. 43: 16.
1954 *Anoplodactylus longiceps*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 83.
1956 *Anoplodactylus longiceps*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 97-98, figs. 14c-d.
1963 *Anoplodactylus longiceps*, - Rec. Austr. Mus., **26** (1): 56 [key].
1975 *Anoplodactylus longiceps*, - CHILD, Smiths. Contr. Zool., **190**: 20, fig. 9f.
1990 *Anoplodactylus longiceps*, - CHILD, Proc. biol. Soc. Wash., **103** (2): 331.
1991 *Anoplodactylus longiceps*, - CHILD, Proc. biol. Soc. Wash., **104** (1): 144.

Distribution: Australia (Great Barrier Reef; NW of Point Cloates); Guam.

Depth range: 2-21m.

Habitat: dead coral rubble; dredged with crustaceans and shells.

***Anoplodactylus longiformis* CHILD 1977**

- 1977 *Anoplodactylus longiformis* CHILD, Proc. biol. Soc. Wash., **90** (2): 441-444, fig. 1.

Distribution: New Caledonia (Ile des Pins, Kuto).

Habitat: algae.

***Anoplodactylus mamillosus* STOCK 1954**

- 1954 *Anoplodactylus mamillosus* STOCK, Vidensk. Medd. dansk. naturhist. Foren., **116**: 72-74, figs. 31c-e, 32.
1971 *Anoplodactylus mamillosus*, - UTINOMI, Publ. Seto. Mar. Biol. Lab., **18** (5): 327.
1991 *Anoplodactylus mamillosus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 29.

Distribution: Japan.

Depth range: 96-732 m.

Habitat: hard bottom.

***Anoplodactylus maritimus* HODGSON 1914**

- 1914 *Anoplodactylus maritimus* HODGSON, Zool. Anz., **45** (4): 164.
1915 *Anoplodactylus maritimus*, - HODGSON, Ann. Mag. nat. Hist., (8) **15** (85): 148.

- 1927 *Anoplodactylus maritimus*, - HODGSON, Dtsch. Südpolar-Exp., **19** (Zool. II): 357.
- 1934 *Anoplodactylus parvus* GILTAY, Bull. Mus. roy. Hist. nat. Belg., **10** (42): 1-3, figs. 1-5.
- 1940 *Anoplodactylus maritimus*, - MARCUS, Bol. Fac. Filos., Ciên. Letr., Univ. S. Paulo, **19** (Zool. 4): 60.
- 1948 *Anoplodactylus parvus*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 223-224, fig. 27e-f.
- 1951 *Anoplodactylus parvus*, - STOCK, Mem. Inst. roy. Sci. nat. Belg., sér. **2**, fasc. 43: 13, figs. 14-16.
- 1954 *Anoplodactylus parvus*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **24**: 127.
- 1955 *Anoplodactylus parvus*, - BOURDILLON, Rev. Trav. Inst. Pêches Marit., **19** (4): 590-591, fig. 1, pl. 1.
- 1957 *Anoplodactylus parvus*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 85.
- 1966 *Anoplodactylus parvus*, - FAGE & STOCK, Ann. Inst. Océanogr. Monaco., **44**: 326.
- 1973 *Anoplodactylus parvus*, - KRAEUTER, J. nat. Hist., **7** (5): 494-495.
- 1975 *Anoplodactylus parvus*, - STOCK, Bull. mar. Sci., **24** (4): 1069-1074, fig. 54.
- 1982 *Anoplodactylus maritimus*, - CHILD, Smiths. Contr. Zool., **349**: 21.
- 1990 *Anoplodactylus maritimus*, - STOCK, Zool. Meded., **63** (16): 229.
- 1992 *Anoplodactylus maritimus*, - CHILD, Mem. Hourglass Cruises, **9** (1): 38 [tab. 5], 39 [key], 52-53, fig. 23.
- 1992 *Anoplodactylus maritimus*, - STOCK, Tijdschr. Ent., **135**: 131, 139.

Distribution: amphi-Atlantic; known from the Azores and Cape Verde Islands, as well as from Chesapeake Bay south to Brazil.

Depth range: 0-100 m.

Habitat: *Thalassia*; often associated with floating *Sargassum*.

***Anoplodactylus marshallensis* CHILD 1982**

- 1982 *Anoplodactylus marshallensis* CHILD, Proc. Biol. Soc. Wash., **95** (2): 274-275, fig. 2a-f.

Distribution: Marshall Islands (Enewetak Atoll).

Depth range: littoral.

Habitat: on pier pilings.

***Anoplodactylus massiliensis* BOUVIER 1916**

- 1916 *Anoplodactylus massiliensis* BOUVIER, Bull. Mus. natn. Hist. nat., Paris (**1**), 22: 14, fig. 34.
- 1923 *Anoplodactylus massiliensis*, - BOUVIER, Faune de France, **7**: 40.
- 1967 *Anoplodactylus massiliensis*, - STOCK, Atlantide Rep., **9**: 52-53, fig. 3a-b.
- 1970 *Anoplodactylus massiliensis*, - STOCK, "Meteor"-Forsch. - Ergebn., D, 5: 9-10, figs. 14-17.
- 1987 *Anoplodactylus massiliensis*, - ARNAUD, Mesogee, **47**: 45.

Distribution: W-Africa; off Canary Islands; Mediterranean.

Depth range: 300m.

Habitat: hard bottom.

***Anoplodactylus massiliformis* STOCK 1975**

- 1975 *Anoplodactylus massiliformis* STOCK, Bull. mar. Sci., **24** (4): 1063-1066, figs. 48-49.
 1979 *Anoplodactylus massiliformis*, - CHILD, Smiths. Contr. Zool., **293**: 56.
 1986 *Anoplodactylus massiliformis*, - STOCK, Bull. mar. Sci., **38** (3): 439.

Distribution: Brazil; northern border of South America to Panamá; Barbados.

Depth range: 0-100m.

Habitat: muddy sand, shell debris, sponge bottom; gravel; calcareous sand.

***Anoplodactylus minusculus* CLARK 1970**

- 1970 *Anoplodactylus minusculus* CLARK, Trans. R. Soc. N.Z., Biol. Sci., **12** (3): 15-17, figs. 9-16.

Distribution: Australia (Queensland).

Depth range: littoral.

***Anoplodactylus minutissimus* STOCK 1954**

- 1954 *Anoplodactylus minutissimus* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 78-80, fig. 34.

Distribution: Singapore.

Depth range: intertidal.

***Anoplodactylus micros* BOURDILLON 1955**

- 1955 *Anoplodactylus micros* BOURDILLON, Rev. Trav. Inst. Pêches Marit., **19** (4): 591-592, pl. I, figs. 3-8.
 1986 *Anoplodactylus micros*, - STOCK, Bull. mar. Sci., **38** (3): 404.

Distribution: with certainty known only from Martinique, French Antilles; other records doubtful.

Depth range: 2-4m.

Habitat: *Sargassum*.

***Anoplodactylus monotrema* STOCK 1979**

- 1979 *Anoplodactylus monotrema* STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 15-18, figs. 4-5.
 1979 *Anoplodactylus monotrema*, - CHILD, Smiths. Contr. Zool., **293**: 56-58, fig. 19c.
 1982 *Anoplodactylus monotrema*, - CHILD, Smiths. Contr. mar. Sci., **12**: 372.
 1986 *Anoplodactylus monotrema*, - STOCK, Bull. mar. Sci., **38** (3): 404.

- 1990 *Anoplodactylus monotrema*, - MÜLLER, Bonn. zool. Beitr., **41** (3-4): 284.
 1992 *Anoplodactylus monotrema*, - CHILD, Smiths. Contr. Zool., **526**: 37-38.
 1992 *Anoplodactylus monotrema*, - STOCK, Tijdschr. Ent., **135**: 131, 139.

Distribution: W-Atlantic, Florida to Brazil; Galapagos Archipelago.

Depth range: 0-18m.

Habitat: in a variety of substrata, often in algal vegetation.

***Anoplodactylus neglectus* HOEK 1898**

- 1898 *Anoplodactylus neglecta* HOEK, Tijdschr. Nederl. Dierk. Ver., ser. 2, vol. **1**: 293-295, pls. I-II, figs. 7-10.

Distribution: between Prince Edwards and Crozet Islands.

Depth range: 2928m.

***Anoplodactylus nodosus* HILTON 1939**

- 1939 *Anoplodactylus nodosus* HILTON, J. Ent. Zool. Pomona College, **31** (2): 29.
 1940 *Anoplodactylus nodosus*, - MARCUS, Bol. Fac. Filos., Ciên. Letr., Univ. S. Paulo, **19** (Zool. 4): 41 [list].
 1941 *Anoplodactylus nodosus*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26): 257 [key].
 1942 *Anoplodactylus nodosus*, - HILTON, J. Ent. Zool. Pomona College, **34** (3): 72.
 1975 *Anoplodactylus nodosus*, - CHILD, Proc. biol. Soc. Wash., **88** (19): 193-196, fig. 2.

Distribution: California (Catalina Island).

***Anoplodactylus oculatus* CARPENTER 1905**

- 1905 *Anoplodactylus oculatus* CARPENTER, Sci. Invest. Fish. Branch Ireland, **4**: 4-5, pl. II, figs. 7-11.
 1978 *Anoplodactylus oculatus*, - STOCK, Cah. Biol. Mar., **19**: 216.

Distribution: NE-Atlantic.

Depth range: 607-850m.

***Anoplodactylus oculospinosus* HILTON 1942**

- 1942 *Anoplodactylus oculospinosus* HILTON, J. Ent. Zool. Pomona College, **34** (3): 72-73.
 1975 *Anoplodactylus oculospinosus*, - CHILD, Proc. biol. Soc. Wash., **88** (19): 196-198, fig. 3.

Distribution: California (Monterey Bay).

Depth range: 91m.

Habitat: from rocks.

Anoplodactylus ophiurophilus STOCK 1979

- 1979 *Anoplodactylus ophiurophilus* STOCK, Bijdr. Dierk., **48** (2): 156-160, figs. 1-9.

Distribution: Seychelles (Aldabra Atoll).

Depth range: littoral and shallow subtidal.

Habitat: associated with ophiuroid *Ophiocoma doederleini*.

Anoplodactylus pacificus HILTON 1942

- 1942 *Anoplodactylus pacificus* HILTON, J. Ent. Zool. Pomona College, **34** (3): 73.
 1955 *Anoplodactylus pacificus*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 242-243.
 1975 *Anoplodactylus pacificus*, - CHILD, Proc. biol. Soc. Wash., **88** (19): 198-201, fig. 4.

Distribution: California (Santa Catalina Island).

Depth range: 86m.

Anoplodactylus paradigitatus CHILD 1988

- 1988 *Anoplodactylus paradigitatus* CHILD, Smiths. Contr. Zool., **468**: 18-20, fig. 8.

Distribution: Philippines (Negros and Batan Island).

Depth range: 0.5-2m

Anoplodactylus pectinus HEDGPETH 1948

- 1948 *Anoplodactylus pectinus*, HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 234-236, fig. 34.
 1954 *Anoplodactylus pectinus*, - HEDGPETH, Fish. Bull. Fish & Wildlife Service U.S., **89** (55): 427.
 1955 *Anoplodactylus pectinus*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 235, fig. 11.
 1973 *Anoplodactylus pectinus*, - ARNAUD, Tethys, **4** (4): 955-957.
 1974 *Anoplodactylus pectinus*, - CHILD, Proc. biol. Soc. Wash., **87** (43): 500.
 1974 *Anoplodactylus pectinus*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **4** (3): 17.
 1975 *Anoplodactylus pectinis*, - STOCK, Bull. mar. Sci., **24** (4): 1050-1052, fig. 41a.
 1979 *Anoplodactylus pectinus*, - CHILD, Smiths. Contr. Zool., **293**: 58.
 1979 *Anoplodactylus pectinus*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 15.
 1982 *Anoplodactylus pectinus*, - CHILD, Smiths. Contr. mar. Sci., **12**: 372-373.
 1986 *Anoplodactylus pectinus*, - STOCK, Bull. mar. Sci., **38** (3): 404.
 1988 *Anoplodactylus pectinus*, - CHILD, Smiths. Contr. Zool., **468**: 20.
 1988 *Anoplodactylus pectinus*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (3): 662.

Distribution: probably cosmopolitan, most often recorded from the Caribbean.

Depth range: 0-34m.

Habitat: in a variety of substrata.

***Anoplodactylus pelagicus* FLYNN 1928**

- 1928 *Anoplodactylus pelagicus* FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., I): 25-27, fig. 14.
 1954 *Anoplodactylus pelagicus*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 128, fig. 19.
 1963 *Anoplodactylus pelagicus*, - STOCK, Ann. S. Afr. Mus., **46** (12): 340.
 1981 *Anoplodactylus pelagicus*, - STOCK, Cah. Biol. Mar., **22**: 463-464, fig. 6.

Distribution: North and South Atlantic, extending into the Indian Ocean in the sub-Antarctic zone of Prince Edward and Crozet islands; also taken in the Gulf of Alaska.

Depth range: 549-3600m.

***Anoplodactylus perforatus* NAKAMURA & CHILD 1982**

- 1982 *Anoplodactylus perforatus* NAKAMURA & CHILD, Proc. biol. Soc. Wash., **95** (2): 289-291, fig. 3.
 1983 *Anoplodactylus perforatus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 49.
 1988 *Anoplodactylus perforatus*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (3): 663.
 1988 *Anoplodactylus perforatus*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (4): 813-815.
 1991 *Anoplodactylus perforatus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 29-30.

Distribution: Samoa, Japan (incl. Ryukyu Islands).

Depth range: 7-113m.

***Anoplodactylus petiolatus* (KRØYER 1844)**

- 1844 *Phoxichilidium petiolatum* KRØYER, Naturhist. Tidskr., **2** (4): 123.
 1891 *Anoplodactylus petiolatus*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 25-29, pl. II, fig. 2a-i.
 1916 *Anaphia petiolata*, - LEBOUR, J. mar. biol. Ass. U.K., **11** (1): 51-56, figs. 1-3 (life history).
 1932 *Anoplodactylus petiolatus*, - TIMMERMANN, - Z. Morph. Oek. Tiere, **25**: 327, fig. 3.
 1940 *Anoplodactylus petiolatus*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 61-62, fig. 5a-b.
 1945 *Anoplodactylus petiolatus*, - LEBOUR, J. mar. biol. Ass. U.K., **26**: 157-159, fig. 6a-h.
 1948 *Anoplodactylus petiolatus*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 222, fig. 27a-d.
 1950 *Anoplodactylus petiolatus*, - SAWAYA, Mem. Inst. Oswaldo Cruz, **47** (1-2): 73.
 1951 *Anoplodactylus petiolatus*, - Mem. Inst. Roy. Sci. Nat. Belg., **2** (43): 16.

- 1957 *Anoplodactylus petiolatus*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 85.
 1959 *Anoplodactylus petiolatus*, - BACESCU, Rev. Biol. Acad. Rep. Pop. Roum., **4**
 (1): 117.
 1958 *Anoplodactylus petiolatus*, - STOCK, Bull. Sea Fish. Res. Stat. Haifa, **16**: 4.
 1962 *Anoplodactylus petiolatus*, - STOCK, Ent. Ber., **12**: 218.
 1966 *Anoplodactylus petiolatus*, - STOCK, Atlantide Rept., **9**: 52.
 1972 *Anoplodactylus petiolatus*, - KING, J. nat. Hist., **6**: 622.
 1973 *Anoplodactylus petiolatus*, - ARNAUD, Tehys, **5** (1): 151-152.
 1973 *Anoplodactylus petiolatus*, - KRAEUTER, J. nat. Hist., **7**: 495.
 1973 *Anoplodactylus petiolatus*, - KRAPP, Beaufortia, **21** (277): 72.
 1974 *Anoplodactylus petiolatus*, - KING, A Synopsis of the British Sea Spiders.
 Synopses of the British Fauna (New Ser.), **5**: 35 [key], 44-45, fig. 18.
 1975 *Anoplodactylus petiolatus*, - STOCK, Bull. mar. Sci., **24** (4): 1072-1075, fig.
 53.
 1976 *Anoplodactylus petiolatus*, - ARNAUD, Acta Ecol. Iranica **1**: 69.
 1976 *Anoplodactylus petiolatus*, - KRAPP & KRAEUTER, Bonn. zool. Beitr., **27**: 338-
 340, fig. 2.
 1977 *Anoplodactylus guyanensis* CHILD, Proc. biol. Soc. Wash., **90** (3): 591-593,
 fig. 3.
 1978 *Anoplodactylus petiolatus*, - STOCK, Cah. Biol. Mar., **19**: 216.
 1982 *Anoplodactylus petiolatus*, - CHILD, Smiths. Contr. Zool., **349**: 21.
 1986 *Anoplodactylus petiolatus*, - Chimenz & Cottarelli, Oebalia, **13**, N.S.: 138.
 1986 *Anoplodactylus guyanensis*, - STOCK, Bull. mar. Sci., **38** (3): 404.
 1987 *Anoplodactylus petiolatus*, - ARNAUD, Mesogee, **47**: 45-46.
 1987 *Anoplodactylus petiolatus*, - BITAR, Bull. Inst. Sci., Rabat, **11**: 163.
 1987 *Anoplodactylus petiolatus*, - STOCK, Cah. Biol. Mar., **28**: 514.
 1989 *Anoplodactylus petiolatus*, - SCHÜLLER, Bonn. zool. Beitr., **40** (3/4): 290.
 1992 *Anoplodactylus petiolatus*, - CHILD, Mem. Hourglass Cruises, **9** (1): 38 [tab.
 5], 39 [key], 53-55, fig. 24.
 1993 *Anoplodactylus petiolatus*, - HARMS, Helgoländer Meeresuntersuch., **47**: 24,
 tab. 3.

Distribution: tropical and temperate Atlantic;
 Mediterranean, Black Sea.

Depth range: 0-1200m.

Habitat: in a variety of substrata.

Anoplodactylus pharus STOCK 1975

- 1975 *Anoplodactylus pharus* STOCK, Bull. mar. Sci., **24** (4): 1053-1055, fig. 42a-e.

Distribution: Florida.

Depth range: 256m.

Anoplodactylus polignaci BOUVIER 1914

- 1914 *Anoplodactylus polignaci* BOUVIER, Bull. Soc. ent. France, 1914: 224-226,
 figs. 1-3.
 1942 *Anoplodactylus polignaci*, - FAGE, Arch Zool. Exp. Gén., 82 (Notes & Rev.,
 2): 82-83.
 1943 *Anoplodactylus polignaci*, - HEDGPETH, Proc. New England Zool. Club, **22**: 45-
 46.
 1948 *Anoplodactylus polignaci*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 230,

fig. 30a-d.

1966 *Anoplodactylus polignaci*, - STOCK, Atlantide Rep., **9**: 53-54, fig. 3c.

Distribution: Florida; off Guinea, W-Africa.

Depth range: 32-50m.

***Anoplodactylus pseudotarsalis* MÜLLER 1992**

1992 *Anoplodactylus pseudotarsalis* MÜLLER, Bonn. zool. Beitr., **43** (1): 167-170, figs. 31-36, 173 [text].

Distribution: Malaysia (Tioman Archipelago, Pulau Babi Besar).

Depth range: 1-2m.

Habitat: dead corals.

***Anoplodactylus pycnosoma* (HELPER 1938)**

1938 *Peritrichia pycnosoma* HELPER, Sitz.-Ber. Ges. naturforsch. Freunde Berlin, 1937 (2): 176-177, fig. 7.

1940 *Halosoma pycnosoma*, - MARCUS, Bol. Fac. Filos., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 45-46.

1953 *Anoplodactylus pycnosoma*, - STOCK, Beaufortia, **35** (4): 41, fig. 5.

1954 *Anoplodactylus pycnosoma*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 75-77, fig. 33.

1971 *Anoplodactylus pycnosoma*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 326.

1974 *Anoplodactylus pycnosoma*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **4** (3): 16.

1975 *Anoplodactylus pycnosoma*, - CHILD, Smiths. Contr. Zool., **190**: 20.

1975 *Anoplodactylus pycnosoma*, - STOCK, Trav. Mus. Hist. nat. "Grigore Antipa", **16**: 132.

1983 *Anoplodactylus pycnosoma*, - CHILD, Proc. biol. Soc. Wash., **96** (4): 708.

1983 *Anoplodactylus pycnosoma*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 50.

1986 *Anoplodactylus pycnosoma*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 44.

1987 *Anoplodactylus pycnosoma*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 161.

1988 *Anoplodactylus pycnosoma*, - CHILD, Bull. biol. Soc. Wash., **8**: 59.

1988 *Anoplodactylus pycnosoma*, - CHILD, Smiths. Contr. Zool., **468**: 20.

1990 *Anoplodactylus pycnosoma*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierk. Dresden, **45** (9): 100-101.

1990 *Anoplodactylus pycnosoma*, - MÜLLER, Bonn. zool. Beitr., **41** (1): 77.

1991 *Anoplodactylus pycnosoma*, - CHILD, Proc. biol. Soc. Wash., **104** (1): 144.

1991 *Anoplodactylus pycnosoma*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 30.

1992 *Anoplodactylus pycnosoma*, - MÜLLER, Bonn. zool. Beitr., **43** (1): 173, figs. 43-48.

Distribution: known from scattered places in the W-Indian Ocean to Japan.

Depth range: 1.5-122m.

Habitat: dead corals.

***Anoplodactylus pygmaeus* (HODGE 1864)**

- 1864 *Pallene pygmaea* HODGE, Ann. Mag. nat. Hist., **3** (13): 116, pl. XIII, figs. 16-17.
- 1881 *Phoxichilidium exiguum* DOHRN, Monogr. Fauna Flora Golf. Neapel, **3**: pp. 34, 36, 56, 76, 99, 181-184, pl. XII, figs. 19-22.
- 1889 *Phoxichilidium pygmaeum*, - TOPSENT, Bull. Soc. Linéenne Normandie, Caen, **4** (2) (1888-1889): 62.
- 1905 *Anoplodactylus pygmaeus*, - CARPENTER, Sci. Invest. Fish. Branch Ireland, **4**: 6.
- 1908 *Anoplodactylus petiolata*, - NORMAN, J. Linn. Soc. London (Zool.), **30**: 202.
- 1912 *Halosoma exiguum*, - LOMAN, Bull. Inst. Océanogr. Monaco, **238**: 6.
- 1913 *Anoplodactylus pygmaeus*, - DOGIEL, Zeitschr. Wiss. Zool., **107** (4): 665-685, pl. XXII, figs. 1-8.
- 1918 *Anoplodactylus exiguus*, - WIRÉN, Zoologisk. Bidr. Uppsala, **6**: 42.
- 1923 *Anoplodactylus exiguus*, - BOUVIER, Ann. Sci. Nat., Paris (Zool.), (10) **6** (3,4): 120.
- 1923 *Anoplodactylus exiguus*, - BOUVIER, Faune de France, **7**: 43, fig. 39.
- 1928 *Anoplodactylus pygmaeus*, - GILTAY, Bull. & Ann. Soc. Roy. Ent. Belg., **68** (9-10): 217.
- 1932 *Anoplodactylus pygmaeus*, - SCHLOTTKE, Wiss. Meeresunters. Kommiss. Wiss. Unters. Dtsch. Meere, Abt. Helgoland, (N.F.), **18** (9): 7, fig. 6.
- 1936 *Anoplodactylus exiguus*, - STEPHENSEN, Göteborgs Kungl. Vetensk. Vitterhets. Samh. Handl., (5) (B) **4** (14): 44-45, fig. 10.
- 1945 *Anoplodactylus pygmaeus*, - LEBOUR, J. mar. biol. Assoc. U.K., **26**: 159-162, fig. 7a-l.
- 1948 *Anoplodactylus pygmaeus*, - HEDGPETH, Proc. U.S. natn. Mus., **3216**: 224-225, fig. 27.
- 1954 *Anoplodactylus pygmaeus*, - STOCK, Vidensk. Medd. dansk. naturhist. Foren., **116**: 77.
- 1958 *Anoplodactylus pygmaeus*, - STOCK, Bull. Sea Fish. Res. Stat. Haifa, **16**: 4.
- 1962 *Anoplodactylus pygmaeus*, - STOCK, Ent. Ber., **22**: 218.
- 1970 *Anoplodactylus pygmaeus*, - STOCK, "Meteor"-Forsch.-Ergebn., D, **5**: 10.
- 1970 *Anoplodactylus pygmaeus*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **2** (1): 1.
- 1972 *Anoplodactylus pygmaeus*, - KING, J. nat. Hist., **6**: 622.
- 1973 *Anoplodactylus pygmaeus*, - ARNAUD, Tethys, **5** (1): 152.
- 1973 *Anoplodactylus pygmaeus*, - KRAPP, Beaufortia, **21** (277): 72.
- 1974 *Anoplodactylus pygmaeus*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 35 [key], 46-47, fig. 19.
- 1976 *Anoplodactylus pygmaeus*, - ARNAUD, Acta Ecol. Iranica, **1**: 69.
- 1978 *Anoplodactylus pygmaeus*, - CHIMENZ-GUSSO, FRESI, CINELLI, MAZZELLA, PANSINI & PRONZATO, Mem. Biol. Mar. Ocean., **8** (4): 94-96.
- 1981 *Anoplodactylus pygmaeus*, - STOCK, Cah. Biol. Mar., **22**: 464-465.
- 1983 *Anoplodactylus pygmaeus*, - KRAPP, Bonn. zool. Beitr. **34** (1-3): 412.
- 1987 *Anoplodactylus pygmaeus*, - ARNAUD, Mesogee, **47**: 46.
- 1987 *Anoplodactylus pygmaeus*, - BITAR, Bull. Inst. Sci., Rabat, **11**: 163.
- 1990 *Anoplodactylus pygmaeus*, - STOCK, Zool. Meded., **63** (16): 230.
- 1992 *Anoplodactylus pygmaeus*, - CHILD, Mem. Hourglass Cruises, **9** (1): 38 [tab. 5], 39 [key], 55-56, fig. 25.
- 1992 *Anoplodactylus pygmaeus*, - PÉREZ-RUZAFÁ, A. & T. MUNILLA, Sci. Mar., **56** (1): 25.
- 1993 *Anoplodactylus pygmaeus*, - HARMS, Helgoländer Meeresuntersuch., **47**: 24, tab. 3.

Distribution: Sweden to West Africa and Azores; Mediterranean Sea; Red Sea; Virginia to Florida; Gulf of

Mexico; Caribbean Sea; ?Argentina.

Depth range: 0-587-?4558m

Habitat: in a variety of substrata, also on drifting weed; from the polyps of *Obelia* sp. and *Podocoryne carnea* and from galls in *Coryne muscoides*; adults frequently collected on *Bowerbankia*.

***Anoplodactylus quadratispinosus* HEDGPETH 1943**

1943 *Anoplodactylus quadratispinosus* HEDGPETH, Proc. New England Zool. Club, **22**: 47-48, pl. 8, figs. a-g.

1948 *Anoplodactylus quadratispinosus*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 232.

1986 *Anoplodactylus quadratispinosus*, - STOCK, Bull. mar. Sci., **38** (3): 404.

Distribution: Florida (near Key West).

***Anoplodactylus reimerae* CHILD 1979**

1979 *Anoplodactylus reimerae* CHILD, Smiths. Contr. Zool., **293**: 59-61, fig. 20.

1992 *Anoplodactylus reimerae*, - CHILD, Smiths. Contr. Zool., **526**: 38.

Distribution: Panamá Pacific; Ecuador.

Depth range: 0-9m.

***Anoplodactylus robustus* (DOHRN 1881)**

1945 *Phoxichilidium robustum*, - LEBOUR, J. Mar. Biol. Ass. U.K., **26**: 153.

1979 *Anoplodactylus robustus*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **184**: 18-22, fig. 6.

1987 *Anoplodactylus robustus*, - ARNAUD, Mesogee, **47**: 46-47.

Distribution: Mediterranean; Congo Belge.

Depth range: 4-6m.

Habitat: "sur algues calcaires Mélobésiées" (ARNAUD).

***Anoplodactylus shimodaensis* NAKAMURA & CHILD 1982**

1982 *Anoplodactylus shimodaensis* NAKAMURA & CHILD, Proc. biol. Soc. Wash., **95** (2): 285-287, fig. 2.

1983 *Anoplodactylus shimodaensis*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 50.

1991 *Anoplodactylus shimodaensis*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 30.

Distribution: Japan.

Depth range: 2-40m.

***Anoplodactylus simplex* CLARK 1963**

- 1963 *Anoplodactylus simplex* CLARK, Mem. Qd. Mus., **20** (3): 50-51, fig. 25A-F.
 1982 *Anoplodactylus simplex*, - STAPLES, Mem. Qd. Mus., **20** (3): 461.

Distribution: Australia.
Depth range: 5m.
Habitat: sand and weeds.

***Anoplodactylus simulator* STOCK 1975**

- 1975 *Anoplodactylus simulator* STOCK Bull. mar. Sci., **24** (4): 1066-1068, fig. 50.
 1986 *Anoplodactylus simulator*, - STOCK, Bull. mar. Sci., **38** (3): 440, fig. 15c.

Distribution: Straits of Florida.
Depth range: 176-183m.

***Anoplodactylus spinirostrum* STOCK 1973**

- 1973 *Anoplodactylus spinirostrum* STOCK, Beaufortia, **20**: 122-123, fig. 11.

Distribution: SE-Australia.
Depth range: 10m.
Habitat: on *Amathea* sp. (Bryozoa) and *Aglaophenia plumosa* (Hydroida).

***Anoplodactylus spinosus* MÖBIUS 1902**

- 1902 *Anoplodactylus spinosus* MÖBIUS, Wiss. Ergebn. Dt. Tiefsee-Exped., 1898-1899, **3**: 188-189, pl. XXVIII, figs. 8-12.

Distribution: Agulhas Bank.
Depth range: 10m or less.

***Anoplodactylus spurius* STOCK 1992**

- 1992 *Anoplodactylus spurius* STOCK, Tijdschr. Ent., **135**: 132-134, 139, figs. 65-75.

Distribution: southern Brazil.
Depth range: 19-220m.

***Anoplodactylus squalidus* CLARK 1973**

- 1973 *Anoplodactylus squalida* CLARK, Pac. Sci., **27** (1): 30-33, fig. 2A-G.
 1988 *Anoplodactylus rimulus* CHILD, Proc. biol. Soc. Wash., **101** (4): 59-61, fig. 3.
 1988 *Anoplodactylus rimulus*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (4): 815.
 1989 *Anoplodactylus squalidus*, - MÜLLER, Bonn. zool. Beitr., **40** (2): 126-127, figs. 45-56.

Distribution: New Britain; Seychelles (Aldabra atoll); Society Islands (Moorea).

Depth range: 1-6m.

Habitat: coral reefs. - *Halimeda* on dead coral; dead corals.

***Anoplodactylus stellatus* NAKAMURA & CHILD 1983**

1983 *Anoplodactylus stellatus* NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **386**: 50, fig. 17.

Distribution: Japan.

Depth range: 7-15m.

***Anoplodactylus stictus* MARCUS 1940**

1940 *Anoplodactylus stictus* MARCUS, *Bol. Fac. Filos., Ciên. Letr. Univ. S. Paulo*, **19** (Zool. 4): 65-68, pl. VI, fig. 7E, pl. VII, fig. 7A-D.

1957 *Anoplodactylus stictus*, - STOCK, *Mitt. Hamburg. Zool. Mus. Inst.*, **55**: 84.

1992 *Anoplodactylus stictus*, - STOCK, *Tijdschr. Ent.*, **135**: 132-134 [text], 134, 139, fig. 62.

Distribution: Brazil to northern Argentina.

Depth range: 0-250m.

Habitat: seaweeds on rocky shore.

***Anoplodactylus stocki* BACESCU 1959**

1959 *Anoplodactylus stocki* BACESCU, *Rev. Biol. Acad. Rep. Pop. Roum.*, **4** (1): 123-127, fig. 3A-F.

1987 *Anoplodactylus stocki*, - ARNAUD, *Mesogee*, **47**: 47.

Distribution: Black Sea.

Depth range: 71m.

***Anoplodactylus stri* CHILD 1979**

1979 *Anoplodactylus stri* CHILD, *Smiths. Contr. Zool.*, **293**: 61-63, fig. 21.

Distribution: Panamá Caribbean.

Depth range: intertidal.

***Anoplodactylus tanseii* NAKAMURA & CHILD 1991**

1991 *Anoplodactylus tanseii* NAKAMURA & CHILD, *Smiths. Contr. Zool.*, **512**: 27 [key], 30-32, fig. 11.

Distribution: Japan.

Depth range: 262-563m.

Anoplodactylus tarsalis STOCK 1968

- 1968 *Anoplodactylus tarsalis* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 52-54, fig. 19.
 1973 *Anoplodactylus tarsalis*, - ARNAUD, Tethys **4** (4): 955.
 1988 *Anoplodactylus tarsalis*, - CHILD, Smiths. Contr. Zool., **468**: 20.
 1990 *Anoplodactylus tarsalis*, - MÜLLER, Bonn. zool. Beitr., **41** (1): 78.
 1992 *Anoplodactylus tarsalis*, - MÜLLER, Bonn. zool. Beitr., **43** (1):170 [text], 171-173, figs. 37-42.
 1992 *Anoplodactylus tarsalis*, - STOCK, Bijdr. Dierk., **62** (2): 95.

Distribution: Philippines; Madagascar; Kenya; Oman.
Depth range: 0-0.5m.
Habitat: dead corals; algae.

Anoplodactylus tenuicarpus CHILD 1991

- 1988 *Anoplodactylus attenuatus* CHILD, Smiths. Contr. Zool., **468**: 12-14, fig. 5.
 1988 *Anoplodactylus attenuatus*, - CHILD, Bull. biol. Soc. Wash., **8**: 56.
 1991 *Anoplodactylus tenuicarpus* CHILD, Proc. biol. Soc. Wash., **104** (1): 142-143.

Distribution: Guam; Seychelles (Aldabra Atoll).
Depth range: 6-10m.
Habitat: coral rubble.

Anoplodactylus torus CHILD & HEDGPETH 1971

- 1971 *Anoplodactylus torus* CHILD & HEDGPETH, J. nat. Hist., **5**: 610-612, fig. 1a-f.

Distribution: Galápagos Archipelago.
Depth range: shallow to 6.5m.
Habitat: from coral and coralline heads; *Padina*.

Anoplodactylus trispinosus STOCK 1951

- 1951 *Anoplodactylus trispinosus* STOCK, Mém. Inst. Roy. Sci. Nat. Belg., **2** (43): 14-16, figs. 17-22.
 1954 *Anoplodactylus trispinosus*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 127.
 1954 *Anoplodactylus trispinosus*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 35.
 1964 *Anoplodactylus trispinosus*, - STOCK, Bull. Sea Fish. Res. Stat. Haifa, **35**: 31, figs. 8-9 (Curaçao record only).
 1975 *Anoplodactylus trispinosus*, - STOCK, Bull. mar. Sci., **24** (4): 1076-1079, figs. 55, 56a.
 1979 *Anoplodactylus trispinosus*, - CHILD, Smiths. Contr. Zool., **293**: 63.
 1986 *Anoplodactylus trispinosus*, - STOCK, Bull. mar. Sci., **38** (3): 404.

Distribution: amphiatlantic.
Depth range: 0-10m.
Habitat: in a variety of substrata.

Anoplodactylus tubiferus (HASWELL 1884)

- 1884 *Phoxichilidium tubiferum* HASWELL, Proc. linn. Soc. N.S. Wales, **9**: 1032, pl. 57 figs. 1-5.
- 1904 *Anoplodactylus tubiferus*, - COLE, Harriman Alaska Exped., **10**: 288.
- 1908 *Anoplodactylus stylops* LOMAN, Siboga Exped. Monogr., **40**: 71, pl. 11 figs. 20-24.
- 1908 *Anoplodactylus tubiferus*, - LOMAN, Siboga Exp. Monogr., **40**: 72-73.
- 1907 *Anoplodactylus pulcher* CARPENTER, Trans. Linn. Soc. London, **2** (12): 97-98, pl. 12 figs. 13-19.
- 1919 *Anoplodactylus tubiferus*, - FLYNN, Pap. Proc. Roy. Soc. Tasm., 1918: 79.
- 1941 *Anoplodactylus tubiferus*, - WILLIAMS, Mem. Qd. Mus., **12** (1): 35.
- 1954 *Anoplodactylus pulcher*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 84-85, figs. 38a, 39.
- 1963 *Anoplodactylus tubiferus*, - CLARK, Rec. Austr. Mus., **26** (1): 49.
- 1965 *Anoplodactylus pulcher*, - STOCK, Beaufortia, **13** (151): 29, fig. 46.
- 1968 *Anoplodactylus pulcher*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 49.
- 1973 *Anoplodactylus pulcher*, - ARNAUD, Tethys, **4** (4): 957.
- 1973 *Anoplodactylus pulcher*, - STOCK, Beaufortia, **21** (279): 97.
- 1982 *Anoplodactylus tubiferus*, - STAPLES, Mem. Qd. Mus., **20** (3): 457-459, fig. 2c-f.
- 1983 *Anoplodactylus tubiferus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 49.
- 1988 *Anoplodactylus tubiferus*, - CHILD, Bull. Biol. Soc. Wash., **8**: 61.
- 1989 *Anoplodactylus tubiferus*, - MÜLLER, Senckenbergiana marit., **20** (5/6): 281-282, figs. 15-20.
- 1991 *Anoplodactylus tubiferus*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 32.
- 1991 *Anoplodactylus tubiferus*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 224.

Distribution: widely distributed in the Indo-West Pacific.

Depth range: subtidal-135m.

Habitat: coralline algae; muddy sand; shelly sand.

Anoplodactylus turbidus STOCK 1975

- 1964 *Anoplodactylus trispinosus*, - STOCK, Bull. Sea Fish. Res. Sta. Haifa, **35**: 31.
- 1974 *Anoplodactylus turbidus*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **4** (3): 16.
- 1975 *Anoplodactylus turbidus* STOCK, Bull. mar. Sci., **24** (4): 1080, fig. 56b-g.

Distribution: Red Sea (Dahlak Archipelago); Madagascar.

Depth range: shallow water.

Habitat: on reefs.

Anoplodactylus typhloides STOCK 1991

- 1991 *Anoplodactylus typhloides* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 204-206, figs. 53-54.

Distribution: New Caledonia.

Depth range: 825-1475m.

***Anoplodactylus typhlops* SARS 1888**

- 1888 *Anoplodactylus typhlops* SARS, Arch. Math. Naturvidensk., Oslo, **12**: 29-31, pl. 2, fig. 3a-c.
 1891 *Anoplodactylus typhlops*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 29-31, pl. II, fig. 3a-e.
 1905 *Anoplodactylus typhlops*, - CARPENTER, Fish. Ireland Sci. Invest., 1904: 5, pl. III, figs. 12-19.
 1908 *Anaphia typhlops*, - NORMAN, J. Linn. Soc. London, **30**: 203-
 1933 *Anoplodactylus typhlops*, - STEPHENSEN, Medd. Grönland, **79** (6): 44-45, fig. 12.
 1935 *Anoplodactylus typhlops*, - STEPHENSEN, Bergens Mus. Arbok. Naturv. Rek., 1935 (2): 29-30.
 1948 *Anoplodactylus typhlops*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 228-229, fig. 29a-c.
 1955 *Anoplodactylus typhlops*, - STOCK, Viddensk. Medd. dansk naturhist. Foren., **117**: 235-236, fig. 12a.
 1973 *Anoplodactylus typhlops*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk. SSSR, **91**: 181-183, pl. 1, figs. 1-8.
 1974 *Anoplodactylus typhlops*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **98**: 288.
 1982 *Anoplodactylus typhlops*, - CHILD, Smiths. Contr. Zool., **349**: 21.
 1987 *Anoplodactylus typhlops*, - STOCK, Cah. Biol. Mar., **28**: 514-515.
 1988 *Anoplodactylus typhlops*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 130-131.
 1991 *Anoplodactylus typhlops*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 207, fig. 55.
 1992 *Anoplodactylus typhlops*, - CHILD, Smiths. Contr. Zool., **526**: 38.

Distribution: North and South Atlantic; Gulf of Alaska; Costa Rica (Cocos Ridge).

Depth range: 915-3620m.

***Anoplodactylus unilobus* STOCK 1959**

- 1959 *Anoplodactylus unilobus* STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 564-565, fig. 8.

Distribution: South Africa.

Depth range: 11m.

Habitat: sand.

***Anoplodactylus velamellus* NAKAMURA & CHILD 1991**

- 1991 *Anoplodactylus velamellus* NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 32-34, fig. 12.

Distribution: Japan.

Depth range: 50-60m.

Anoplodactylus vemae CHILD 1982

1982 *Anoplodactylus vemae* CHILD Smiths. Contr. Zool., **349**: 21-24, fig. 7a-g.

Distribution: Argentine Slope, E of Bahia Samborombon.
Depth range: 676m.

Anoplodactylus versluysi LOMAN 1908

- 1908 *Anoplodactylus versluysi* LOMAN, Siboga Exp. Monogr., **40**: 73-74, pl. III, figs. 33-39.
 1954 *Anoplodactylus versluysi*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 84-85, figs. 38a, 39.
 1959 *Anoplodactylus versluysi*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 200.
 1965 *Anoplodactylus versluysi*, - STOCK, Beaufortia, **13** (151): 1): 29-30, fig. 46.
 1971 *Anoplodactylus versluysi*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 326.
 1983 *Anoplodactylus versluysi*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 52-54.
 1983 *Anoplodactylus versluysi*, - Bull. Mus. natn. Hist. nat., Paris, 4e sér., **5**, sect. A., no. 1: 304.
 1987 *Anoplodactylus versluysi*, - NAKAMURA, Biol., Lab., Imperial Household: 17-18, pl. 15.
 1991 *Anoplodactylus versluysi*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 224.

Distribution: Singapore, Indonesia, Philippines, Madagascar.

Depth range: 0-400m.

Habitat: coral bottom; corals and *Lithothamnion*; shelly sand; on *Dendronephtya*.

Anoplodactylus virescens (HODGE 1864)

- 1945 *Phoxichilidium virescens*, - LEBOUR, J. Mar. Biol. Ass. U.K., **26**: 150-152, fig. 4a-f.
 1973 *Anoplodactylus virescens*, - KRAPP, Beaufortia, **21** (277): 70-71, fig. 7.
 1974 *Phoxichilidium virescens*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 35 [key], 40.
 1976 *Anoplodactylus virescens*, - ARNAUD, Acta Ecol. Iranica, **1**: 69.
 1979 *Anoplodactylus virescens*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **184**: 22-24, fig. 7.
 1987 *Anoplodactylus virescens*, - ARNAUD, Mesogee, **47**: 47.

Distribution: Mediterranean; NW-Atlantic.

Depth range: 0-16m.

Habitat: *Corallina mediterranea*; *Posidonia* seagrass; on *Syncoryne eximia* and *Coryne muscoides*.

Anoplodactylus viridintestinalis COLE 1904

- 1904 *Halosoma viridintestinale* COLE, Harriman Alaska Exped., **10**: 286-288, pl. 14,

- fig. 11, pl. 24, figs. 6-8, pl. 25, figs. 1-4.
- 1951 *Halosoma viridintestinale*, - HEDGPETH, Wasmann J. Biol., **9** (1): 106.
- 1955 *Anoplodactylus viridintestinalis*, - STOCK, Vidensk. Medd. dansk naturist. Foren., **117**: 239.
- 1960 *Anoplodactylus viridintestinalis*, - ZIEGLER, The Veliger, **3** (1): 19.
- 1975 *Anoplodactylus viridintestinalis*, - CHILD, Proc. Biol. Soc. Wash., **88** (19): 202.
- 1976 *Anoplodactylus viridintestinalis*, - BIRKELAND, REIMER & YOUNG, Ecol. Res. Ser., EPA-600/3-76-028: 158.
- 1976 *Anoplodactylus viridintestinalis*, - KRAPP & KRAEUTER, Bonn. zool. Beitr., **27**: 340.
- 1976 *Anoplodactylus viridintestinalis*, - REIMER, Mar. Biol., **35** (3): 299.
- 1979 *Anoplodactylus viridintestinalis*, - CHILD, Smiths. Contr. Zool., **293**: 63.

Distribution: California south to Panama.

Depth range: littoral.

Habitat: on bryozoans; washed from weeds.

***Anoplodactylus vulcanus* Child, 1992**

- 1992 *Anoplodactylus vulcanus* CHILD, Smiths. Contr. Zool., **526**: 38-40, fig. 16.

Distribution: Ecuador.

***Anoplodactylus xenus* STOCK 1980**

- 1980 *Anoplodactylus xenus* STOCK, Steenstrupia, **6** (1): 1-4, figs. 1-6.

Distribution: New Zealand (Cape Maria van Diemen).

Depth range: intertidal

***Endeis* Philippi 1843**

- 1923 *Endeis*, - CALMAN, Rec. Indian Mus., **24** (3): 290-291 [remarks].
- 1948 *Endeis*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 238 [diagnosis, remarks].
- 1954 *Endeidae, Endeis*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 129 [diagnosis, key to South African species].
- 1968 *Endeis*, - STOCK, Vidensk. Medd. Dansk naturh. Foren., **131**: 59 [key to species].
- 1969 *Endeidae*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 63 [diagnosis].
- 1969 *Endeis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 63-64 [diagnosis, remarks], 65-66 [key to species].
- 1979 *Endeis*, - Child, Smiths. Contr. Zool., **293**: 66 [key to Middle American species].
- 1983 *Endeis*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 41 [key to Japanese species].
- 1992 *Endeis*, - CHILD, Mem. Hourglass Cruises, **9** (1): 37.

***Endeis australis* (HODGSON 1907)**

- 1907 *Phoxichilus australis* HODGSON, Rep. Natn. Antarct. Exped. 1901-1904, Nat. Hist., **3**: 5-7, pl. I, fig. 1.
- 1911 *Phoxichilus australis*, - BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **152**: 1139.
- 1913 *Phoxichilus australis*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 118-120, fig. 74.
- 1915 *Endeis australis*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 49, fig. 11.
- 1932 *Endeis australis*, - GORDON, Discovery Rep., **6**: 93-94.
- 1935 *Endeis australis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 297.
- 1935 *Phoxichilus australis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 279.
- 1938 *Endeis australis*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 20.
- 1944 *Endeis australis*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 48.
- 1952 *Endeis australis*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, (2) **24** (2): 184.
- 1969 *Endeis australis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 64.
- 1976 *Endeis australis*, - PUSHKIN, Zool. Zh., **55** (6): 924, figs. k-m [text].

Distribution: Antarctic-subantarctic areas.

Depth range: 5-1000m.

***Endeis biseriata* STOCK 1968**

- 1908 *Phoxichilus meridionalis*, - LOMAN, Siboga Exped. Monogr., **40**: 78-79, pl. XI, figs. 153-155 [part.].
- 1968 *Endeis biseriata* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 57-60, fig. 21.
- 1970 *Endeis biseriata*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **2** (1): 1.
- 1974 *Endeis biseriata*, - STOCK, Bull. Zool. Mus. Univ. Amsterdam, **4** (3): 17.
- 1979 *Endeis biseriata*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **59** (184): 28-30, fig. 9.
- 1988 *Endeis biserata*, - CHILD, Smiths. Contr. Zool., **468**: 20.
- 1990 *Endeis biserata*, - CHILD, Proc. biol. Soc. Wash., **103** (2): 332-333.
- 1992 *Endeis biseriata*, - STOCK, Tijdschr. Ent., **135**: 134, 139.

Distribution: Brazil, Red Sea, Indian Ocean, Indonesia, Australia, Philippines and Hawaii.

Depth range: 0-37m.

Habitat: stones; algae; reef and sand flat rubble; seaweeds on rocks; amongst ascidians, bryozoans and sponges growing on boulders.

***Endeis charybdea* (DOHRN 1881)**

- 1881 *Phoxichilus charabdaeus* DOHRN, Monogr. Fauna Flora Golf. Neapel, **3**: 174, pl. X, figs. 7-13, pl. Xa, figs. 14-15, 21-22, pl. XI, figs. 11, 14-15.
- 1923 *Chilophoxus charabdaeus*, - BOUVIER, Faune de France, **7**: 46, fig. 43.
- 1937 *Chilophoxus charybdaeus* var. *bispinatus*, - BOUVIER, Ann. Sci. Nat., Paris, (Zool.), (10) **20** (1): 36, fig. 10.

- 1942 *Chilophoxus charibdaeus*, - FAGE, Arch. Zool. Exp. Gen., **82** (Notes & Rev., 2): 84, fig. 6.
 1965 *Endeis charybdaea*, - STOCK & SOYER, Vie Milieu, **16** (1B): 417-418, fig. 1A-B.
 1970 *Endeis charybdaea*, - STOCK, "Meteor" Forsch.-Ergebn., D (5): 10.
 1975 *Endeis charybdaea*, - KRAPP, Sarsia, **59**: 85-94, fig. 1.
 1987 *Endeis charybdaea*, - ARNAUD, Mesogee, **47**: 52.
 1990 *Endeis charybdaea*, - STOCK, Zool. Meded., **63** (16): 230-231.

Distribution: Mediterranean; Cape Verde Islands and temperate NE-Atlantic.

Depth range: 10-800m.

Habitat: in a variety of substrata.

Endeis clipeata (MÖBIUS 1902)

- 1902 *Phoxichilus clipeatus* MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 196, pl. 30, figs. 6-10.
 1928 *Endeis clipeatus*, - FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 29.
 1954 *Endeis clipeatus*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 129-130, fig. 20.
 1956 *Endeis clipeatus*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 89.
 1959 *Endeis clipeatus*, - STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 563.
 1962 *Endeis clipeatus*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 285.
 1965 *Endeis clipeata*, - STOCK, Beaufortia, **13** (151): 31.

Distribution: South Africa; Madagascar.

Depth range: 0-80m.

Habitat: rocks; shelly sand, gravel, carpets of *Phyllochaetopterus socialis*.

Endeis flaccida CALMAN 1923

- 1908 ?*Phoxichilus* sp., - LOMAN, Siboga Exped. Monogr., **40**: 79, pl. 13, fig. 189.
 1923 *Endeis flaccidus* CALMAN, Rec. Indian Mus., **24** (3): 295-297, fig. 17.
 1953 *Endeis flaccida*, - STOCK, Temminckia, **9**: 300.
 1968 *Endeis flaccida*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 56, 59 [key].
 1970 *Endeis flaccida*, - STOCK, Ent. Ber., **30**: 3-4.
 1975 *Endeis flaccida*, - STOCK, Bull. mar. Sci., **24** (4): 1085, fig. 58a-b.
 1979 *Endeis flaccida*, - CHILD, Smiths. Contr. Zool., **293**: 66.
 1986 *Endeis flaccida*, - STOCK, Bull. mar. Sci., **38** (3): 440.

Distribution: probably circumtropical.

Depth range: 0-69m.

Habitat: fouling on pilings, floating oil-pipes and buoys; seagrass (*Thalassia*).

Endeis laevis (GRUBE 1871)

- 1974 *Endeis laevis*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 48 [key], 52-54, figs. 20B, D, 21B, D, 22B, 23B, D, E.

Distribution: NE-Atlantic (Great Britain).

Depth range: sublittorally to about 15m.

Habitat: associated with hydroids (*Obelia dichotoma* and *Tubularia larynx*).

***Endeis meridionalis* (BÖHM 1879)**

- 1879 *Phoxichilus meridionalis* BÖHM, Monatsber. Kgl. Preuss. Akad. Wiss. Berlin, 1879: 189-191, pl. 2, fig. 4.
- 1890 *Phoxichilus meridionalis*, - SCHIMKEWITSCH, Izvest. Imperatorskavo Obshch. Lubitelei Estestvozn. Anthropol. Ethn., Moskva, 67: 20.
- 1891 *Phoxichilus meridionalis*, - SCHIMKEWITSCH, Arch. Zool. Exp. Gén., 9 (2): 509-510.
- 1908 *Phoxichilus meridionalis*, - LOMAN, Siboga Exped. Monogr., 40: 78.
- 1923 *Endeis meridionalis*, - CALMAN, Rec. Indian Mus., 24 (3): 291-293, fig. 15.
- 1929 *Phoxichilus meridionalis*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, 1: 186-188.
- 1965 *Endeis meridionalis*, - STOCK, Beaufortia, 151 (13): 30-31.
- 1968 *Endeis meridionalis*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., 131: 59 [key].
- 1969 *Endeis meridionalis*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., 49: 64, 66 [key].
- 1971 *Endeis meridionalis*, - UTINOMI, Publ. Seto Mar. Biol. Lab., 18 (5): 327-328.
- 1973 *Endeis meridionalis*, - ARNAUD, Tethys, 4 (4): 959.
- 1973 *Endeis meridionalis*, - CLARK, Pac. Sci., 27 (1): 33, fig. 3A-D.
- 1979 *Endeis meridionalis*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., 59 (184): 27-28.
- 1980 *Endeis meridionalis*, - DANIEL & SEN, J. mar. biol. Ass. India, 17 (2) ("1975"): 165.
- 1982 *Endeis meridionalis*, - STOCK, Monit. Zool. ital., Suppl. 7, (7): 189.
- 1989 *Endeis meridionalis*, - MÜLLER, Bonn. zool. Beitr., 40 (2): 127.
- 1990 *Endeis meridionalis*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierk. Dresden, 45 (9): 101.
- 1990 *Endeis meridionalis*, - MÜLLER, Zool. Abh. Staatl. Mus. Tierk. Dresden, 45 (10): 109.
- 1990 *Endeis meridionalis*, - STOCK, Zool. Meded., 63 (16): 231.

Distribution: circumtropical.

Depth range: 0.5-90m.

Habitat: on a variety of substrata.

***Endeis mollis* (CARPENTER 1904)**

- 1887 ?*Phoxichilus charybdeus*, - SCHIMKEWITSCH, Zool. Anz., 10 (251): 271.
- 1904 *Phoxichilus molle* CARPENTER, Rep. Governm. Ceylon Pearl Oyster Fish. Gulf Manaar, Suppl. Rep. 13: 182-183, figs. 1-7.
- 1907 *Phoxichilus mollis*, - CARPENTER, Trans. Linn. Soc. London, 12 (2): 98.
- 1908 *Phoxichilus mollis*, - LOMAN, Siboga Exped. Monogr., 40: 77-78.
- 1923 *Endeis mollis*, - CALMAN, Rec. Indian Mus., 25 (3): 293-294, fig. 16.
- 1927 *Endeis mollis*, - CALMAN, Trans. Zool. Soc. London, 22 (3): 408.
- 1938 *Endeis mollis*, - CALMAN, Sci. Rep. John Murray Exped., 1933-34, 5 (6): 160.
- 1942 ?*Chilophoxus charibdeus*, - FAGE, Arch. Zool. Exp. Gén., 82 (Notes & Rev.,

- 2): 84, fig. 6.
- 1951 *Endeis mollis*, - STOCK, Mem. Inst. Roy. Sci. Nat. Belg., **43** (2): 17-18, figs. 23-24.
- 1954 *Endeis mollis*, - BOURDILLON, Notes Stat. Océanogr. Salammbô, **35**: 4-8, figs. 1-3.
- 1954 *Endeis mollis*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 130-132, fig. 21.
- 1957 *Endeis mollis*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 85-86.
- 1965 *Endeis mollis*, - STOCK, Beaufortia, **151**, 13: 31.
- 1966 *Endeis mollis*, - STOCK, Atlantide Rept., **9**: 54.
- 1971 *Endeis mollis*, - UTINOMI, Publ. Seto. Mar. Biol. Lab., **18** (5): 327; Literatur.
- 1975 *Endeis mollis*, - STOCK, Bull. mar. Sci., **24** (4): 1083-1085.
- 1975 *Endeis mollis*, - STOCK, Ent. Ber., **35**: 76.
- 1977 *Endeis mollis*, - CHILD, Proc. biol. Soc. Wash., **90** (2): 441.
- 1979 *Endeis mollis*, - CHILD, Smiths. Contr. Zool., **293**: 66.
- 1983 *Endeis mollis*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 41.
- 1986 *Endeis mollis*, - STOCK, Bull. mar. Sci., **38** (3): 440.
- 1987 *Endeis mollis*, - ARNAUD, Mesogee, **47**: 52.
- 1988 *Endeis mollis*, - CHILD, Smiths. Contr. Zool., **468**: 20-21.
- 1988 *Endeis mollis*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (3): 664.
- 1991 *Endeis mollis*, - CHILD, Proc. biol. Soc. Wash., **104** (1): 144-145.

Distribution: pantropical.

Depth range: 0-60m.

Habitat: in a variety of substrata, often in coral reef locations.

***Endeis nodosa* HILTON 1942**

- 1942 *Endeis (Phoxichilus) nodosa* HILTON, Occ. Pap. Bernice P. Bishop Mus., **17** (3): 47-48, fig. 4.
- 1968 *Endeis nodosa*, - Vidensk. Medd. dansk naturhist. Foren., **131**: 59 [key].
- 1982 *Endeis nodosa*, - CHILD, Proc. biol. Soc. Wash., **95** (2): 275-277, fig. 2g-i.
- 1988 *Endeis nodosa*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **101** (3): 663-664.
- 1991 *Endeis nodosa*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 35.
- 1992 *Endeis nodosa*, - Müller, Stud. Nat. Hist. Caribb. Reg., **71**: 50-51, figs. 20-22.

Distribution: Hawaii; Marshall Islands; Japan (Ryukyu Islands, Honshu); Caribbean Sea (Barbados).

Depth range: 0-45m.

Habitat: rocks and pilings; algae on buoys; hydroids growing on anchor chain.

***Endeis pauciporosa* STOCK 1970**

- 1970 *Endeis pauciporosa* STOCK, Bull. Zoöl. Mus. Univ. Amsterdam, **2** (1): 2-3, fig. 1.

Distribution: Red Sea; Caribbean Sea of Colombia.

Depth range: 5m.

Habitat: "harbour pier" (STOCK).

Endeis procera (LOMAN 1908)

- 1908 *Phoxichilus procerus* LOMAN, Siboga Exped. Monogr., **40**: 79-80, pl. XI, figs. 146-152.
 1954 *Endeis procera*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 88-89, fig. 41.

Distribution: SE-Asia.

Depth range: 50m.

Habitat: sand, shells.

Endeis spinosa (MONTAGU 1808)

- 1808 *Phallangium spinosum* MONTAGU, Trans. Linn. Soc. London, **9**: 100, pl. 5, fig. 7.
 1881 *Phoxichilus vulgaris* DOHRN, Fauna Flora Golf. Neapel, **3**: 169-174, pls. 10-11.
 1891 *Phoxichilus spinosus*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 15-20, pl. 1, fig. 3a-g.
 1908 *Endeis spinosus*, - NORMAN, J. Linn. Soc. London, (Zool.), **30**: 233.
 1910 *Endeis spinosus*, - COLE, Biol. Bull. Woods Hole mar. biol. Lab., **18** (4): 193-203, figs. 1-2.
 1913 *Endeis spinosus*, - SUMNER, OSBURN & COLE, Bull. Bureau Fish., Wash., **31** (1-2): 143.
 1917 *Phoxichilus spinosus*, - BOUVIER, Res. Campagnes Sci. accomplies sur son Yacht par Albert Ier Prince Souverain de Monaco, **51**: 30-31, pl. 2, fig. 2.
 1923 *Chilophoxus spinosus*, - BOUVIER, Faune de France, **7**: 45-46, figs. 42-43.
 1932 *Chilophoxus spinosus*, - TIMMERMANN, Z. Morph. Oek. Tiere, **25**: 327, 333.
 1935 *Phoxichilus spinosus*, - STEPHENSEN, Bergens Mus. Arbok, 1935 (2): 30.
 1940 *Endeis spinosa*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 73-75, fig. 9a-e.
 1942 *Chilophoxus spinosus*, - FAGE, Arch. Zool. Gen., **82** (Notes & Rev., 2): 83.
 1943 *Endeis spinosa*, - HEDGPETH, Proc. New England Zool. Club, **22**: 48.
 1945 *Endeis spinosus*, - LEBOUR, J. Mar. Biol. Ass. U.K., **26**: 163.
 1948 *Endeis spinosa*, - Proc. U.S. Natn. Mus., **97** (3216): 238-240, fig. 37.
 1952 *Endeis spinosa*, - STOCK, Boll. Soc. Venez. Stor. Nat., **6** (2): 185-186.
 1954 *Endeis spinosa*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 128.
 1957 *Endeis spinosa*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 85.
 1962 *Endeis spinosa*, - STOCK, Ent. Ber., **22**: 218.
 1965 *Endeis spinosa*, - STOCK & SOYER, Vie Milieu, **16** (1B): 418.
 1966 *Endeis spinosa*, - de HARO, Bol. Real Soc. Espan. Hist. Nat., Madrid (Sec. Biol.), **64**: 9.
 1966 *Endeis spinosa*, - SOYER, Doriania, **47** (174): 3.
 1966 *Endeis spinosa*, - STOCK, Atlantide Rep., **9**: 54.
 1967 *Endeis spinosa*, - de HARO, Publ. Inst. Biol. appl., Barcelona, **43**: 109, 112-113, fig. 5.
 1970 *Endeis spinosa*, - BAYER, VOSS & ROBINS, in: Bioenv. and Radiolog. Safety Feasibility Stud. Atl.-Pac. Interoc. Canal, Univ. Miami: 48.
 1972 *Endeis spinosus*, - KING, J. nat. Hist., **6**: 622.
 1973 *Endeis spinosa*, - KRAPP, Beaufortia, **21** (277): 72.
 1974 *Endeis spinosa*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 48 [key], 50-51, figs. 20A, C, 21A, C, 22A, 23A, C.

- 1979 *Endeis spinosa*, - CHILD, Smiths. Contr. Zool., **293**: 66.
 1979 *Endeis spinosa*, - CHIMENEZ, BRIGNOLI & BASCIANO, Cah. Biol. Mar., **20**: 480.
 1982 *Endeis spinosa*, - CHILD, Smiths. Contr. mar. Sci., **12**: 373-374.
 1982 *Endeis spinosa*, - CHILD, Smiths. Contr. Zool., **349**: 24.
 1987 *Endeis spinosa*, - ARNAUD, Mesogee, **47**: 52.
 1992 *Endeis spinosa*, - CHILD, Mem. Hourglass Cruises, **9** (1): 57 [tab. 8], 57-58, fig. 26.

Distribution: from Norway to Argentina, including the Mediterranean; ?Gulf of Mexico.

Depth range: 0.2-537m.

Habitat: in a variety of substrata, often found in floating *Sargassum*; in littoral zone on *Asparagopsis*; on top of a rock; ectocommensal on *Thecocarpus*; ectocommensal on *Eunicella*; amongst hydroids and sponges; on *Laminaria* holdfast; amongst hydroids and polyzoans; on *Pecten* valves; on sand and gravel; amongst *Nemertesia*; amongst *Antennularia*.

***Endeis straughani* CLARK 1970**

- 1884 ?*Phoxichilus charybdaeus*, - HASWELL, Proc. Linn. Soc. N.S.W., **9**: 1033.
 1970 *Endeis straughani* CLARK, Trans. Roy. Soc. N.Z., **12** (3): 13-15, figs. 1-8.
 1979 *Endeis picta* BAMBER, Zool. J. Linn. Soc., **65**: 251-254, fig. 1.
 1982 *Endeis straughani*, - STAPLES, Mem. Qd. Mus., **20** (3): 461-462, fig. 5K-M, pl. 1, fig. A-B.
 1990 *Endeis straughani*, - STOCK, Zool. Meded., **63** (16): 231.

Distribution: Australia (Queensland); Ghana; Azores.

Depth range: 10-20m.

***Endeis viridis* PUSHKIN 1976**

- 1976 *Endeis viridis* PUSHKIN, Zool. Zh., **55** (6): 923-925, figs. a-u.

Distribution: Crozet Archipelago, Subantarctica.

Depth range: 150-377m.

***Pallenopsis* WILSON 1881**

- 1948 *Pallenopsis*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 209 [diagnosis, remarks, key to NW-Atlantic species].
 1954 *Pallenopsis*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 116 [diagnosis, key to South African species].
 1954 *Pallenopsis*, - STOCK, Vidensk. Medd. Dansk naturh. Foren., **116**: 63 [diagnosis].
 1956 *Pallenopsis*, - STOCK, Vidensk. Medd. Dansk naturhist. Foren., **118**: 87 [diagnosis of subgen. nov. *Pallenopsodon*].
 1957 *Pallenopsis*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 100-101 [remarks], 102 [key to South American species of *fluminensis*-group].
 1975 *Pallenopsis*, - STOCK, Bull. mar. Sci., **24** (4): 1016-1017 [remarks], 1017-1018 [key to W-Atlantic, South American species and diagnosis of subgen. *Pallenopsis*], 1032-1036 [diagnosis of subgen. *Bathypallenopsis*, species

- groups], 1039-1040 [key to species of *mollissima*-group].
 1986 *Pallenopsis*, - STOCK, Bull. mar. Sci., **38** (3): 425 [remarks].
 1992 *Pallenopsis*, - CHILD, Mem. Hourglass Cruises, 9 (1): 37-38, 64-65
 [diagnosis].

***Pallenopsis alcocki* CALMAN 1923**

- 1923 *Pallenopsis* (*Rigona*) *alcocki* CALMAN, Rec. Indian Mus., **24** (3): 282-284,
 figs. 9-10.

Distribution: Andaman Sea.

Depth range: 97m.

***Pallenopsis angusta* STOCK 1991**

- 1991 *Pallenopsis* (*Pallenopsis*) *angusta* STOCK, Mém. Mus. natn. Hist. nat. (A),
151: 195-197, figs. 47-48.

Distribution: New Caledonia, Loyalty Islands.

Depth range: 150-570m.

***Pallenopsis annandalei* CALMAN 1923**

- 1923 *Pallenopsis annandalei* CALMAN, Rec. Indian Mus., **24** (3): 279-281, figs. 7-8.
 1991 *Pallenopsis* (*Bathypallenopsis*) *annandalei*, - STOCK, Mém. Mus. natn. Hist.
 nat. (A), **151**: 198 [text].

Distribution: Laccadive Archipelago.

Depth range: 1164m.

***Pallenopsis antipoda* CLARK 1971**

- 1971 *Pallenopsis* (*Pallenopsodon*) *antipoda* CLAR, N.Z. J. Mar. Freshw. Res., **5** (3-
 4): 428-430, fig. 1A-G.

Distribution: Antipodes Islands.

Depth range: 1280m.

Habitat: sand, rocks and pebbles.

***Pallenopsis arctica* STOCK 1956**

- 1856 *Pallenopsis arctica* STOCK, Mitt. Hamburg. Zool. Mus. Inst., **54**: 37-40, figs.
 3-4.

Distribution: Arctica (W-Spitzbergen).

***Pallenopsis bicuspidata* STOCK 1968**

- 1968 *Pallenopsis bicuspidata* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**:

46-47, fig. 17c-h.

Distribution: off Lorenzo Marquez, Indian Ocean.
Depth range: 1628-1600m.

***Pallenopsis boehmi* SCHIMKEWITSCH 1930**

1973 *Pallenopsis boehmi*, - STOCK, Nederl. J. Zool., **23** (3): 347-352, figs. 1-10.
1992 *Pallenopsis (Pallenopsis) boehmi*, - STOCK, Tijdschr. Ent., **135**: 129, 139.

Distribution: southern South America, Magellan Strait to southern Brazil.
Depth range: 35-100m.

***Pallenopsis brevidigitata* MÖBIUS 1902**

1902 *Pallenopsis brevidigitata* MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 185-186, pl. 27, figs. 7-13.
1928 *Pallenopsis brevidigitata*, - FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 19.
1938 *Pallenopsis brevidigitata*, - CALMAN, Sci. Rep. John Murray Exped., **5** (6): 160.
1954 *Pallenopsis brevidigitata*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 120, fig. 15b-c.
1956 *Pallenopsis (Pallenopsodon) brevidigitata* STOCK, - Vidensk. Medd. dansk naturhist. Foren., **118**: 87-88, fig. 10.
1991 *Pallenopsis (Pallenopsis) brevidigitata*, - TURPAEVA, Zool. Zh., **70** (12): 37.

Distribution: Indo-West Pacific (E-Africa off Durban, off Zanzibar; SE-Asia).
Depth range: 57-500m.
Habitat: sand; sponges.

***Pallenopsis bulbifera* MUNILLA & STOCK 1984**

1984 *Pallenopsis bulbifera* MUNILLA & STOCK, Res. Exp. Cien., **12**: 33-37, figs. 1-14.
1988 *Pallenopsis bulbifera*, - MUNILLA, Monogr. Zool. Mar., **3**: 183-185, figs. 1a, 2a, 5, tab. 1.

Distribution: Namibia.
Depth range: 183-329m.
Habitat: muddy-sandy, sandy, rocky and coraligenous bottom.

***Pallenopsis calcanea* STEPHENSEN 1933**

1932 ?*Pallenopsis* sp., - GORDON, Discovery Rep., **6**: 91-92, fig. 45a-c, 74c.
+1933 *Pallenopsis calcanea* STEPHENSEN, Medd. Grönland, **79** (6): 21-24, fig. 5.
1948 *Pallenopsis calcanea*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 211, fig. 21e-g.

- 1962 *Pallenopsis calcanea*, - HEDGPETH, Deep-Sea Res., **9**: 487-490, figs. 1-2.
 1968 *Pallenopsis calcanea*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 48.
 1970 *Pallenopsis calcanea*, - NESIS, Trans. P.P. Shirshov Inst. Oceanol., **88**: 168.
 1971 *Pallenopsis calcanea*, - TURPAEVA, Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **92**: 286.
 1978 *Pallenopsis* aff. *calcanea*, - STOCK, Cah. Biol. Mar., **19**: 216.
 1984 *Pallenopsis calcanea*, - MAUCHLINE, - J. nat. Hist., **18**: 316.
 1986 *Pallenopsis* (*Bathypallenopsis*) *calcanea*, - STOCK, Bull. mar. Sci., **38** (3): 437.
 1991 *Pallenopsis* (*Bathypallenopsis*) *calcanea*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 40.

Distribution: worldwide, scattered records.

Depth range: 660-2000m

Habitat: bathypelagic.

***Pallenopsis californica* SCHIMKEWITSCH 1893**

- 1893 *Pallenopsis californica* SCHIMKEWITSCH, Bull. Mus. Comp. Zool., Harvard, **25** (2): 39-41, pl. I, fig. 11, pl. II, figs. 18-23.
 1942 *Pallenopsis californica*, - HILTON, J. Ent. Zool. Pomona College, **34** (2): 40.
 1954 *Pallenopsis oscitans*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 122, fig. 17.
 1975 *Pallenopsis* (*Bathypallenopsis*) *californica* SCHIMKEWITSCH, Bull. mar. Sci., **24** (4): 1036.
 1991 *Pallenopsis* (*Bathypallenopsis*) *californica*, - TURPAEVA, Zool. Zh., **70** (12): 39.

Distribution: Gulf of California, Mozambique Strait.

Depth range: 1700-3000m.

***Pallenopsis candidoi* MELLO-LEITAO 1949**

- 1949 *Pallenopsis candidoi* MELLO-LEITAO, Arqu. Mus. Paran., **7** (7): 299-307, pls. IX-X.
 1957 *Pallenopsis candidoi*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 105, figs. 19-20.
 1966 *Pallenopsis candidoi*, - STOCK, Ann. Inst. Océanogr. Monaco, **44**: 393.
 1975 *Pallenopsis* (*Pallenopsis*) *candidoi*, - STOCK, Bull. mar. Sci., **24** (4): 1018 [key], 1030.
 1976 *Pallenopsis candidoi*, - KRAPP & KRAEUTER, Bonn. zool. Beitr., **27**: 337.
 1992 *Pallenopsis* (*Pallenopsis*) *candidoi*, - STOCK, Tijdschr. Ent., **135**: 130, 139.

Distribution: Georgia (U.S.A.) south to southern Brazil.

Depth range: 15-102m.

***Pallenopsis capensis* BARNARD 1946**

- 1954 *Pallenopsis capensis* BARNARD, Ann. S. Afr. Mus., **41** (3): 118-119.
 1956 *Pallenopsis capensis*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 83-84, fig. 7a.
 1962 *Pallenopsis capensis*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 285.

- 1988 *Pallenopsis capensis*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 141-142.
 1988 *Pallenopsis capensis*, - MUNILLA, Monogr. Zool. Mar., **3**: 183-184, 186, figs. 1b, 2b, 3, 4, 5, tab. 1.

Distribution: South Africa.

Depth range: 51-342m.

Habitat: rocks; coarse sand, corals and shell.

***Pallenopsis childi* STOCK 1986**

- 1986 *Pallenopsis (Pallenopsis) childi*, - Bull. mar. Sci., **38** (3): 429-431, figs. 9-10.

Distribution: Florida to south of Hispaniola.

Depth range: 18-230m.

***Pallenopsis cidaribatus* CHILD 1975**

- 1975 *Pallenopsis cidaribatus* CHILD, Smiths. Contr. Zool., **190**: 16-18, fig. 8.

Distribution: Australia.

Depth range: 100-141m.

***Pallenopsis comosa* STOCK 1975**

- 1975 *Pallenopsis (Bathypallenopsis) comosa* STOCK, Bull. mar. Sci., **24** (4): 1043-1045, fig. 37.
 1992 *Pallenopsis (Bathypallenopsis) comosa*, - CHILD, Smiths. Contr. Zool., **526**: 30.

Distribution: Gulf of Panamá; Peru-Chile Trench.

Depth range: 2945-3200m.

***Pallenopsis conirostris* TURPAEVA 1991**

- 1991 *Pallenopsis (Pallenopsis) conirostris* TURPAEVA, Zool. Zh., **70** (12): 37-39, fig. 2.

Distribution: south of Madagascar.

Depth range: 415-460m.

***Pallenopsis crosslandi* CARPENTER 1910**

- 1910 *Pallenopsis crosslandi* CARPENTER, J. Linn. Soc. London (Zool.), **31** (207): 257.
 1972 *Pallenopsis crosslandi*, - ARNAUD, Tethys, Suppl. **3**: 158-159.

Distribution: E-Africa (Wasin Channel); Madagascar.

Depth range: 25-31m.

Habitat: reef slope; "substrat de dalle corallienne avec

nombreux Hydroides et Zoanthaires" (ARNAUD).

***Pallenopsis denticulata* HEDGPETH 1944**

- 1944 *Pallenopsis denticulata* HEDGPETH, Proc. New England Zool. Club, **23**: 55-58, pls. XI-XII.
 1963 *Pallenopsis denticulata*, - CLARK, Rec. Austr. Mus., **26** (1): 4 [list].
 1975 *Pallenopsis denticulata*, - CHILD, Smiths. Contr. Zool., **190**: 18-19.

Distribution: Australia.

Depth range: 9-15m.

Habitat: sand; rubble; sponges; corals.

***Pallenopsis dentifera* STOCK 1983**

- 1983 *Pallenopsis dentifera* STOCK, Bull. Mus. natn. Hist. nat., (4) **5** (1): 300-304, figs. 1-10.
 1988 *Pallenopsis dentifera*, - CHILD, Smiths. Contr. Zool., **468**: 23.

Distribution: Philippines.

Depth range: 166-172m.

***Pallenopsis fluminensis* (KRØYER 1844)**

- 1844 *Phoxichilidium fluminensis* KRØYER, Naturhist. Tidsskr., København, **1** (2): 104, 124, pl. I, fig. 1a-f.
 1898 *Pallenopsis fluminensis*, - MEINERT, Dansk. Ingolf-Exped., **3** (1): 49, pl. V, figs. 1-6.
 1899 *Pallenopsis fluminensis*, - MEINERT, Danish Ingolf-Exped., **3** (1): 52, pl. V, figs. 1-6.
 1935 *Pallenopsis fluminensis*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 265, fig. 174.
 1940 *Pallenopsis fluminensis*, - MARCUS, Revta. Ent., Rio de Janeiro, **11** (1-2): 182, figs. 1-6.
 1940 *Pallenopsis fluminensis*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 24, fig. 1A-B.
 1975 *Pallenopsis (Pallenopsis) fluminensis*, - STOCK, Bull. mar. Sci., **24** (4): 1020.
 1992 *Pallenopsis (Pallenopsis) fluminensis*, - STOCK, Tijdschr. Ent., **135**: 130, 139.

Distribution: Brazil, from the State of Sao Paulo to north of Pernambuco.

Depth range: 0-49m.

***Pallenopsis forficifera* WILSON 1881**

- 1881 *Pallenopsis forficifer* WILSON, Bull. Mus. comp. Zool., **8** (12): 250-252, pl. 4, figs. 15-18, pl. 5, fig. 23.
 1943 *Pallenopsis forficifer*, - HEDGPETH, Proc. New England Zool. Club, **22**: 43.
 1948 *Pallenopsis forficifer*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 209-

210, fig. 21c-d.

- 1975 *Pallenopsis* (*Pallenopsis*) *forcifer*, - STOCK, Bull. mar. Sci., **24** (4): 1030-1032, fig. 30a-b.
 1986 *Pallenopsis* (*Pallenopsis*) *forficifera*, - STOCK, Bull. mar. Sci., **38** (3): 425.

Distribution: tropical and temperate northern W-Atlantic.
Depth range: 128-1000m.

***Pallenopsis gippslandiae* STOCK 1954**

- 1954 *Pallenopsis gippslandiae* STOCK 1954, Vidensk. Medd. dansk naturhist. Foren., **116**: 65-68, figs. 28-29.
 1963 *Pallenopsis gippslandiae*, - CLARK, Rec. Austr. Mus., **26** (1): 43-44, fig. 22I.

Distribution: Australia.
Depth range: 61-236m.

***Pallenopsis glabra* MÖBIUS 1902**

- 1902 *Pallenopsis glabra* MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 184-185, pl. XXVII, figs. 1-6.
 1913 *Pallenopsis glabra*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 109-111, figs. 62-65.
 1915 *Pallenopsis glabra*, - CALMAN, Rep. Brit. Antarct. "Terra Nova" Exped., **3**: 41-42.

Distribution: Antarctica.
Depth range: 250-450m.

***Pallenopsis guineensis* STOCK 1975**

- 1975 *Pallenopsis* (*Bathypallenopsis*) *guineensis* STOCK, Bull. mar. Sci., **24** (4): 1049-1050, fig. 40.

Distribution: Gulf of Guinea.
Depth range: 1949-1986m.

***Pallenopsis hiemalis* HODGSON 1907**

- 1952 *Pallenopsis hiemalis*, - FAGE, Bull. Mus. natn. Hist. nat., ser. 2, **24** (3): 270-271.
 1975 *Pallenopsis hiemalis*, - PUSHKIN, Byull. Sov. Antarkt. Exped., **8** (90): 686-687, fig. 3 a-k, tab. 1.

Distribution: Antarctica (Ross, Mawson and Davis Seas, Sea of Cooperation and Sea of the Cosmonauts).
Depth range: 3-540m.

***Pallenopsis hodgsoni* GORDON 1938**

- 1938 *Pallenopsis hodgsoni* GORDON Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 16-17, figs. 3a, 4d, 5d.
 1944 *Pallenopsis hodgsoni*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 45.
 1950 *Pallenopsis hodgsoni*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 151.

Distribution: Antarctica, probably circumpolar.

Depth range: less than 641m.

***Pallenopsis hoekii* MIERS 1884**

- 1884 *Pallenopsis hoekii* MIERS, Rep. Zool. Coll. made in the Indo-Pac. during the Voyage of HMS Alert 1881-82: 324-326, pl. XXXV, fig. B.
 1893 *Pallenopsis hoekii*, - CARPENTER, Sci. Rep. Roy. Dublin Soc., **8** (1) (4): 23, pl. II, fig. 11.
 1884 ?*Phoxichilidium hoekii*, - HASWELL, Proc. Linn. Soc. N.S.W., **9**: 1022 [list].
 1908 ?*Phoxichilidium hoekii*, - LOMAN, Siboga Exped. Monogr., **40**: 70-71.
 1908 *Pallenopsis (Rigona) rigens* LOMAN, Siboga Exped. Monogr., **40**: 68, pl. IX, figs. 128-133.
 1929 *Pallenopsis (Rigona) hoekii*, - FLYNN, Mem. Qd. Mus., **9** (3): 257-258.
 1953 *Pallenopsis* cf. *hoekii*, - STOCK, Temminckia, **9**: 288.
 1963 *Pallenopsis hoekii*, - CLARK, Rec. Austr. Mus., **26** (1): 42, fig. 24E.
 1971 *Pallenopsis hoeki*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 324.
 1975 *Pallenopsis hoeki*, - CHILD, Smiths. Contr. Zool., **190**: 19.

Distribution: Philippines, Indonesia, Australia (off Cape York, Dirk Hartogs Island).

Depth range: 7-134m.

***Pallenopsis hoekiana* SCHIMKEWITSCH 1930**

- 1881 *Phoxichilidium fluminense*, - HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 81-82, pl. XIV, figs. 1-4.
 1930 *Pallenopsis hoekiana* SCHIMKEWITSCH, Fauna SSSR, Izdatel'stvo Akad. Nauk SSSR, **2**: 237.
 1940 *Pallenopsis hoekiana*, - MARCUS, Revta. Ent., Rio de Janeiro, **11** (1-2): 187-188.
 1975 *Pallenopsis (Pallenopsis) hoekiana*, - STOCK, Bull. mar. Sci., **24** (4): 1021.

Distribution: W-Atlantic.

Depth range: 94m.

***Pallenopsis intermedia* FLYNN 1928**

- 1928 *Pallenopsis intermedia* FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 20-23, figs. 10-12.
 1954 *Pallenopsis intermedia*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 117-118, figs. 15a, 16a-d.
 1956 *Pallenopsis intermedia*, - STOCK, Vidensk. Medd. dansk naturhist. Foren.,

118: 82-83, fig. 7b.

- 1959 *Pallenopsis intermedia*, - STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 561.
 1962 *Pallenopsis intermedia*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 284.
 1988 *Pallenopsis intermedia*, - MUNILLA, Monogr. Zool. Mar., **3**: 185.

Distribution: South Africa; Namibia.

Depth range: 29-233m.

Habitat: on a variety of substrata.

***Pallenopsis juttingae* STOCK 1964**

- 1964 *Pallenopsis* (*Pallenopsodon*) *juttingae* STOCK, Beaufortia, **11** (135): 46-51, fig. 2a-g.
 1973 *Pallenopsis* (*Pallenopsodon*) *juttingae*, - ARNAUD, Tethys, **5** (1): 148-149, figs. 3-4.

Distribution: N-Atlantic (off Bay of Biscay, Golfe de Gascogne).

Depth range: 400m.

Habitat: found in plankton.

***Pallenopsis kempfi* STOCK 1975**

- 1975 *Pallenopsis* (*Pallenopsis*) *kempfi* STOCK, Bull. mar. Sci., **24** (4): 1025-1028, figs. 28-29.
 1986 *Pallenopsis* (*Pallenopsis*) *kempfi*, - STOCK, Bull. mar. Sci., **38** (3): 427-429, fig. 8a-f.
 1992 *Pallenopsis* (*Pallenopsis*) *kempfi*, - STOCK, Tijdschr. Ent., **135**: 139.

Distribution: Florida south to southern Brazil.

Depth range: 11-600m.

Habitat: sandy bottom.

***Pallenopsis knipovichi* TURPAEVA 1974**

- 1974 *Pallenopsis knipovichi* TURPAEVA, Trudy Inst. Okeanol., **98**: 291-293, pl. 7, figs. 1-6.

Distribution: Scotia Sea.

Depth range: 583-540m.

***Pallenopsis kupei* CLARK 1971**

- 1971 *Pallenopsis kupei* CLARK, N.Z. J. Mar. Freshw. Res., **5** (3 & 4): 430-433, fig. 2A-J.

Distribution: New Zealand.

Depth range: 146-1530m.

Habitat: sand and shells.

***Pallenopsis longicoxa* STOCK 1966**

1966 *Pallenopsis longicoxa* STOCK, Ann. Inst. Océanogr. Monaco, **44**: 394-396, fig. 4.

Distribution: Atlantic coast of South America, type locality uncertain.

Depth range: ?63m.

***Pallenopsis longimana* STOCK 1991**

1991 *Pallenopsis* (*Bathypallenopsis*) *longimana* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 198-200, figs. 49-50.

Distribution: New Caledonia.

Depth range: 505-550m.

***Pallenopsis longirostris* WILSON 1881**

1881 *Pallenopsis longirostris* WILSON, Bull. Mus. Comp. Zool., Harvard, **8** (12): 252-253, pl. 4, figs. 19-22, pl. 5, figs. 24-25.

1885 *Pallenopsis longirostris*, - VERRILL, Rep. U.S. Comm. Fish., 1883: 561.

1899 *Pallenopsis plumipes* MEINERT, Danish Ingolf-Exped., **3** (1): 51-52, pl. 4, figs. 1-7.

1942 *Pallenopsis longirostris*, - GILTAY, J. Fish. Res. Board Ca., **5** (5): 459.

1943 *Pallenopsis longirostris*, - NEEDLER, Can. Atl. Fauna, **10**: 13, fig. 16.

1973 *Pallenopsis longirostris*, - ARNAUD, Tethys, **5** (1): 150.

1981 *Pallenopsis longirostris*, - STOCK, Cah. Biol. Mar., **22**: 461-463, fig. 5a-f.

1986 *Pallenopsis* (*Bathypallenopsis*) *longirostris*, - STOCK, Bull. mar. Sci., **38** (3): 434.

1988 *Pallenopsis longirostris*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 142.

Distribution: N-Atlantic (Canadian Atlantic coast (off New Jersey) south to Bahamas), Indian Ocean (Zululand area) and South Africa (off Cape Point).

Depth range: 135-3065m.

***Pallenopsis longiseta* TURPAEVA 1958**

1893 *Pallenopsis mollissima*, - SCHIMKEWITSCH, Bull. Mus. Comp. Zool., Harvard, **25** (2): 41-42.

1958 *Pallenopsis longiseta* TURPAEVA Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **27**: 359-361, pl. 2, figs. 1-6.

1975 *Pallenopsis* (*Bathypallenopsis*) *longiseta*, - STOCK, Bull. mar. Sci., **24** (4): 1042-1043, fig. 36.

Distribution: U.S.S.R. (Bering Sea, Sea of Okhotsk); Gulf of Panamá.

Depth range: 3060m.

***Pallenopsis macneilli* CLARK 1963**

- 1963 *Pallenopsis macneilli* CLARK, Rec. Austr. Mus., **26** (1): 45-46, fig. 22A-H.
 1968 *Pallenopsis macneilli*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 48.
 1973 *Pallenopsis macneilli*, - STOCK, Beaufortia, **20** (266): 121, fig. 10A.
 1975 *Pallenopsis macneilli*, - CHILD, Smiths. Contr. Zool., **190**: 19.

Distribution: Australia.
Depth range: sublittoral-6m.
Habitat: growths in rock pool; *Ecklonia*.

***Pallenopsis macronyx* BOUVIER 1911**

- 1913 *Pallenopsis macronyx*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 112-117, figs. 66-72.

Distribution: Antarctica.
Depth range: 420m.

***Pallenopsis mariae* LARRAMENDY & de CASTELLANOS 1978**

- 1978 *Pallenopsis mariae* LARRAMENDY & de CASTELLANOS, Neotropica, La Plata, **24** (72): 91-95, figs. A-E.

Distribution: Argentina.

***Pallenopsis mauii* CLARK 1958**

- 1958 *Pallenopsis mauii* CLARK, Zool. Publ. Univ. Wellington, **23**: 4-6, figs. 11, 14, 16, 18, 19.
 1971 *Pallenopsis mauii*, - CLARK, N.Z. J. Mar. Freshw. Res., **5** (3-4): 433-435, fig. 3A-G.

Distribution: New Zealand.
Depth range: 695-1098m.
Habitat: mud, stones, rocks.

***Pallenopsis meinerti* SCHIMKEWITSCH 1930**

- 1887 *Pallenopsis fluminensis*, - SCHIMKEWITSCH, Zool. Anz., **10** (251): 271.
 1930 *Pallenopsis meinerti* SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 237.
 1940 *Pallenopsis meinerti*, - MARCUS, Revta. Ent., Rio de Janeiro, **11** (1-2): 22.
 1975 *Pallenopsis* (*Pallenopsis*) *meinerti*, - STOCK, Bull. mar. Sci., **24** (4): 1018 [key], 1021-1024, figs. 26-27.
 1982 *Pallenopsis* (*Pallenopsis*) *meinerti*, - Smiths. Contr. Zool., **349**: 29-30.

Distribution: SW-Atlantic.
Depth range: 270-1011m.

Pallenopsis meridionalis HODGSON 1915

- 1927 *Pallenopsis meridionalis*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 337-338.
 1975 *Pallenopsis meridionalis*, - PUSHKIN, Byull. Sov. Antarkt. Exped., **8** (90): 685-686, fig. 2 a-k, tab. 1.

Distribution: Antarctica (Davis Sea).

Depth range: 3-355m.

Pallenopsis mixta STOCK 1986

- 1986 *Pallenopsis (Pallenopsis) mixta* STOCK, Bull. mar. Sci., **38** (3): 433-434, fig. 12.

Distribution: Venezuela (Isla Margarita).

Depth range: 91m.

Pallenopsis mollissima (HOEK 1881)

- 1881 *Phoxichilidium mollissimum* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 87-88, pl. XIII, figs. 6-9.
 1893 *Pallenopsis mollissima*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 41-42, pl. II, fig. 24.
 1949 *Pallenopsis mollissima*, - HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 277, fig. 36f.
 1953 *Pallenopsis mollissima*, - STOCK, Temminckia, **9**: 288.
 1956 *Pallenopsis mollissima*, - FAGE, Galathea Rep., **2**: 172-173, figs. 5-8.
 1975 *Pallenopsis (Bathypallenopsis) mollissima*, - STOCK, Bull. mar. Sci., **24** (4): 1040-1042, fig. 35.
 1985 *Pallenopsis mollissima*, - BAMBER, Zool. J. Linn. Soc., **83**: 302.
 1986 *Pallenopsis (Bathypallenopsis) mollissima atlantica* STOCK, Bull. mar. Sci., **38** (3): 434-437, figs. 13-14.

Distribution: probably cosmopolitan, scattered records.

Depth range: 1235-3500m.

Pallenopsis notiosa (Child, 1992)

- 1992 *Pallenopsis (Pallenopsis) notiosa* CHILD, Smiths. Contr. Zool., **526**: 25-27, fig. 10.

Distribution: Chile (W of Bahia Las Canas).

Depth range: 290-450m.

Pallenopsis obliqua (THOMSON 1884)

- 1884 *Phoxichilidium obliquum* THOMSON, Trans. & Proc. N.Z. Inst., **16** (1883): 247-248, pl. XV, fig. 6, pl. XVI, figs. 1-2.
 1904 *Phoxichilidium obliquum*, - HUTTON, Index Fauna N.Z.: 247.
 1954 *Pallenopsis obliqua*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**:

- 64-65, fig. 30b-f.
 1956 *Pallenopsis obliqua*, - STOCK, Medd. dansk naturhist. Foren., **118**: 85-86, fig. 9C.
 1958 *Pallenopsis obliqua*, - CLARK, Zool. Publ. Univ. Wellington, **23**: 3-4.
 1971 *Pallenopsis obliqua*, - CLARK, N.Z. J. Mar. Freshw. Res., **5** (2): 330.
 1971 *Pallenopsis obliqua*, - CLARK, N.Z. J. Mar. Freshw. Res., **5** (3 & 4): 435.
 1977 *Pallenopsis obliqua*, - CLARK, N.Z. J. Mar. Freshw. Res., **11** (1): 173-174, fig. 1A-C.

Distribution: New Zealand (incl. subantarctic islands).

Depth range: 0-24m.

Habitat: rocks; rock pool in *Durvilla* zone; algae.

Pallenopsis oscitans (HOEK 1881)

- 1881 *Phoxichilidium oscitans* HOEK, Rep. Sci. Res. Expl. Voyage HMS Challenger, **3** (10): 89-90, pl. XIII, figs. 1-5.
 1981 *Pallenopsis oscitans*, - STOCK, Cah. Biol. Mar., **22**: 461.
 1984 *Pallenopsis* (*Bathypallenopsis*) *oscitans*, - STOCK, J. mar. biol. Ass. U.K., **64**: 746-747.

Distribution: Walvis Basin in southern Atlantic; Azores; entrance to English Channel.

Depth range: 1970-3550m.

Pallenopsis ovalis LOMAN 1908

- 1908 *Pallenopsis ovalis* LOMAN, Siboga Exped. Monogr., **40**: 68-69, pl. X, figs. 136-137.
 1916 *Pallenopsis ovalis*, - LOMAN, Zool. Meded., **2** (1): 20-21.
 1923 *Pallenopsis* (*Rigona*) *ovalis*, - CALMAN, Rec. Indian Mus., **25** (3): 284-285, fig. 11.
 1928 *Pallenopsis ovalis*, - FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 23.
 1954 *Pallenopsis* (*Rigona*) *ovalis*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 120-121, fig. 15d.
 1954 *Pallenopsis ovalis*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 64.
 1968 *Pallenopsis ovalis*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 48.

Distribution: Indian Ocean (Sri Lanka to Kei Islands).

Depth range: 4-86m.

Habitat: sand; muddy bottom.

Pallenopsis paramollis STOCK 1975

- 1975 *Pallenopsis* (*Bathypallenopsis*) *paramollis* STOCK, Bull. mar. Sci., **24** (4): 1045-1048, figs. 38-39.

Distribution: NE-Pacific; Japan.

Depth range: 924-1303m.

***Pallenopsis patagonica* (HOEK, 1881)**

- 1932 *Pallenopsis patagonica*, - GORDON, Discovery Rep., **6**: 88-90, fig. 44.
 1938 *Pallenopsis patagonica*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 15.
 1940 *Pallenopsis patagonica*, - MARCUS, Revta. Ent., Rio de Janeiro, **11** (1-2): 191.
 1944 *Pallenopsis patagonica*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 46-48, fig. 15b, d, e.
 1950 *Pallenopsis patagonica*, - HEDGPETH, Proc. U.S. Natn. Mus., **100** (3260): 150-151.
 1957 *Pallenopsis patagonica*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 102-103, fig. 17.
 1961 *Pallenopsis patagonica*, - HEDGPETH, Lunds Univ. Arsskr., N.F. (2) **57** (3): 5.
 1974 *Pallenopsis patagonica*, - TURPAEVA, Trudy Inst. Okeanol., Akad. Nauk SSSR, **98**: 288-290, pl. 5, figs. 1-10.
 1975 *Pallenopsis patagonica*, - PUSHKIN, Byull. Sov. Antarkt. Exped., **8** (90): 682-685, figs. 1 a-k, tab. 1.

Distribution: Antarctic to atlantic coast of South America.

Depth range: 36-344m

Habitat: broken shells and sand.

***Pallenopsis persimilis* STOCK 1956**

- 1956 *Pallenopsis persimilis* STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**: 84-87, figs. 8, 9a.
 1962 *Pallenopsis persimilis*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 285.

Distribution: South Africa.

Depth range: 43-92m.

Habitat: rocks; gravel with worm tubes.

***Pallenopsis pilosa* (HOEK 1881)**

- 1881 *Phoxichilidium pilosum* HOEK, Challenger Rep. (Zool.), **X**: 90-92, pl. XIII, figs. 10-13.
 1913 *Pallenopsis pilosa*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 107-109, figs. 60-61.
 1915 *Pallenopsis pilosa*, - CALMAN, Rep. Brit. Antarct. "Terra Nova" Exped., **3**: 42-43.
 1927 *Pallenopsis pilosa*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 335-336.
 1932 *Pallenopsis pilosa*, - GORDON, Discovery Rep., **6**: 87-88.
 1944 *Pallenopsis pilosa*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 45.
 1974 *Pallenopsis pilosa*, - TURPAEVA, Trudy Inst. Okeanol., **98**: 290-291, pl. 6, figs. 1-9.

Distribution: Antarctica; Scotia Sea.

Depth range: 25-3650m.

***Pallenopsis safari* STOCK 1984**

- 1984 *Pallenopsis* (*Bathypallenopsis*) *safari* STOCK, Bull. Mus. natn. Hist. nat., Paris, (4) **6** (sec. A) (3): 707-709, figs. 10-21.

Distribution: west of Sri Lanka.

Depth range: 1035m.

***Pallenopsis schmitti* HEDGPETH 1943**

- 1943 *Pallenopsis schmitti*, HEDGPETH, Proc. New England Zool. Club, **22**: 44.
 1948 *Pallenopsis schmitti*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 212-214, fig. 22.
 1955 *Pallenopsis schmitti*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **117**: 233-234, fig. 10.
 1975 *Pallenopsis schmitti*, - STOCK, Bull. mar. Sci., **24** (4): 1028-1030, fig. 30c-d.
 1979 *Pallenopsis schmitti*, - CHILD, Smiths. Contr. Zool., **293**: 46.
 1986 *Pallenopsis* (*Pallenopsis*) *schmitti*, - STOCK, Bull. mar. Sci., **38** (3): 425-427, fig. 8g-i.
 1992 *Pallenopsis* (*Pallenopsis*) *schmitti*, - CHILD, Mem. Hourglass Cruises, **9** (1): 65-67, fig. 30, 76 [tab. 12], 78 [tab. 14].

Distribution: tropical W-Atlantic. - Florida to Brazil; E-Pacific. - Panama, south of Balboa in the Canal zone.

Depth range: 27-600m.

Habitat: rock and broken shell; coralline bottom; bryozoans; sand; mud.

***Pallenopsis scoparia* FAGE 1956**

- 1956 *Pallenopsis scoparia* FAGE, Galathea Rep., **2**: 171-172, figs. 1-4.
 1973 *Pallenopsis scoparia*, - ARNAUD, Tethys, **5** (1): 149-150, figs. 1-2.
 1975 *Pallenopsis* (*Bathypallenopsis*) *scoparia*, - STOCK, Bull. mar. Sci., **24** (4): 1032 [text].
 1984 *Pallenopsis scoparia*, - MAUCLINE, J. nat. Hist., **18**: 318.
 1986 *Pallenopsis* (*Bathypallenopsis*) *scoparia*, - CHILD & HARBISON, J. mar. biol. Ass. U.K., **66**: 113-116, figs. 1-2.
 1987 *Pallenopsis* (*Bathypallenopsis*) *scoparia*, - STOCK, Cah. Biol. Mar., **28**: 516, figs. 13-15.
 1991 *Pallenopsis* (*Bathypallenopsis*) *scoparia*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 40.
 1991 *Pallenopsis* (*Bathypallenopsis*) *scoparia*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 198.
 1992 *Pallenopsis* (*Bathypallenopsis*) *scoparia*, - CHILD, Mem. Hourglass Cruises, **9** (1): 67-69, fig. 31.

Distribution: cosmopolitan (except for Polar seas).

Depth range: 400-1520m.

Habitat: bathypelagic; predator of the scyphomedusa *Periphylla periphylla*.

Pallenopsis sibogae LOMAN 1911

- 1908 *Pallenopsis plumipes*, - LOMAN, Siboga Exped. Monogr., **40**: 66-67, pl. XII, figs. 160-164.
- 1911 *Pallenopsis sibogae* LOMAN, Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-Naturwiss. Kl.), Suppl. **2** (4): 14.
- 1911 *Pallenopsis sibogae*, - LOMAN, Codicil to Siboga Monogr., **40**: 1.
- 1954 *Pallenopsis sibogae*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 63-64, fig. 30h-i.
- 1955 *Pallenopsis sibogae*, LOMAN, Publ. Seto Mar. Biol. Lab., **5** (1): 19.
- 1959 *Pallenopsis sibogae*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 199.
- 1962 *Pallenopsis sibogae*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **10** (1): 62.
- 1971 *Pallenopsis sibogae*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 324.
- 1987 *Pallenopsis sibogae*, - NAKAMURA, Biol. Lab., Imperial Household: 10-11, pl. 8.
- 1991 *Pallenopsis (Pallenopsis) sibogae*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 41.

Distribution: Indonesia to Japan.

Depth range: 37-160m.

Habitat: sand; corals.

Pallenopsis spicata HODGSON 1914

- 1915 *Pallenopsis spicata*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 44-46, fig. 9.
- 1927 *Pallenopsis spicata*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 338-339, fig. 10.
- 1932 *Pallenopsis spicata*, - GORDON, Discovery Rep., **6**: 90-91.
- 1938 *Pallenopsis spicata*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 19.
- 1944 *Pallenopsis spicata*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 48.

Distribution: Antarctica, probably circumpolar.

Depth range: 180-549m.

Pallenopsis spinipes CARPENTER 1907

- 1907 *Pallenopsis spinipes* CARPENTER, Trans. Linn. Soc. London, **12** (2): 96, pl. 12, figs. 1-12.
- 1916 *Pallenopsis spinipes*, - LOMAN, Zool. Meded., **2** (1): 20.
- 1957 *Pallenopsis spinipes*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 88, figs. 5-7.
- 1987 *Pallenopsis spinipes*, - NAKAMURA, Biol. Lab., Imperial Household: 11-12, pl. 9.
- 1988 *Pallenopsis (Pallenopsis) spinipes*, - CHILD, Bull. biol. Soc. Wash., **8**: 66.

Distribution: Maldives; Amirantes Islands; Seychelles (Aldabra Atoll); Fiji Islands; Japan (Sagami Bay).

Depth range: 0-71m.

***Pallenopsis stschapovae* TURPAEVA 1958**

- 1958 *Pallenopsis stschapovae* TURPAEVA Trudy Inst. Okeanol. P.P. Shirshov, Akad. Nauk SSSR, **27**: 356-358, pl. 1, figs. 1-8.

Distribution: NW-Pacific.

Depth range: ?0-5500m.

***Pallenopsis stylirostre* HEDGPETH 1949**

- 1949 *Pallenopsis stylirostre* HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 278-280, fig. 36a-e.
 1991 *Pallenopsis* (*Bathypallenopsis*) *stylirostris*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 40.

Distribution: Japan.

Depth range: 1000-1300m.

***Pallenopsis temperans* STOCK 1953**

- 1953 *Pallenopsis temperans* STOCK, Temminckia, **9**: 291-293, fig. 10.
 1954 *Pallenopsis temperans*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 63, fig. 30g.
 1968 *Pallenopsis temperans*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 47.
 1971 *Pallenopsis temperans*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 324.

Distribution: Philippines, Japan, Korea Straits, Central Pacific (Fanning and Line Island).

Depth range: 0.5-284m.

Habitat: sand; shells; corals.

***Pallenopsis tongaensis* CLARK 1973**

- 1973 *Pallenopsis tongaensis* CLARK, Pac. Sci., **27** (1): 28-30, fig. 1A-J.

Distribution: Tonga.

***Pallenopsis triregia* CLARK 1962**

- 1962 *Pallenopsis triregia* CLARK, N.Z. J. Sci., **5** (4): 517-519, fig. 1A-H.

Distribution: New Zealand.

Depth range: 82-137m.

***Pallenopsis tritonis* HOEK 1883**

- 1883 *Pallenopsis tritonis* HOEK, Trans. Roy. Soc. Edinburgh, **32** (1): 7-10, pl. 1,

- figs. 1-6.
 1905 *Pallenopsis holti* CARPENTER, Sci. Invest. Fish. Branch Ireland, **4**: 4, pl. I, figs. 1-6.
 1909 *Pallenopsis tritonis*, - d'ARCY THOMPSON, in: The Cambr. Nat. Hist.: 542.
 1982 *Pallenopsis* (*Bathypallenopsis*) *tritonis*, - CHILD, Smiths. Contr. Zool., **349**: 40.
 1983 *Pallenopsis tritonis*, - BAMBER, Zool. J. Linn. Soc., **77**: 72-73, fig. 6.
 1984 *Pallenopsis tritonis*, - MAUCHLINE, J. nat. Hist., **18**: 317.
 1984 *Pallenopsis* (*Bathypallenopsis*) *tritonis*, - STOCK, J. mar. biol. Ass. U.K. (1984): 747-748.
 1991 *Pallenopsis* (*Bathypallenopsis*) *tritonis*, - STOCK, Bull. Mus. natn. Hist. nat., 4e sér., **13**, sec. A, nos. 1-2: 138-139.

Distribution: NE-Atlantic (Faroe Channel; NW-Ireland; entrance to English Channel; Newfoundland; New England).

Depth range: ?344-2884m.

***Pallenopsis truncatula* CHILD 1992**

- 1992 *Pallenopsis* (*Pallenopsis*) *truncatula* CHILD, Smiths. Contr. Zool., **526**: 27-29, fig. 11.

Distribution: Peru; Chile.

Depth range: 290-735m.

***Pallenopsis tumidula* LOMAN 1923**

- 1923 *Pallenopsis tumidula* LOMAN, Further Zool. Res. Swed. Antarct. Exped., **1** (2): 32-34, fig. G1-8.
 1940 *Pallenopsis tumidula*, - MARCUS, Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 23-24 [key].
 1957 *Pallenopsis tumidula*, - STOCK, Mitt. Hamburg. Zool. Mus. Inst., **55**: 103-105, fig. 18.
 1966 *Pallenopsis tumidula*, - STOCK, Ann. Inst. Océanogr. Monaco, **44**: 393, fig. 3e.
 1992 *Pallenopsis* (*Pallenopsis*) *tumidula*, - STOCK, Tijdschr. Ent., **135**: 130, 139.

Distribution: off Rio de la Plata, Uruguay, to southern Brazil.

Depth range: 42-270m

***Pallenopsis tydemani* LOMAN 1908**

- 1908 *Pallenopsis tydemani* LOMAN, Siboga Exped. Monogr., **40**: 65-66, pl. X, figs. 139-145.
 1949 *Pallenopsis tydemani*, - HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 277, fig. 36i-j.
 1951 *Pallenopsis tydemani*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **1** (4): 160.
 1971 *Pallenopsis tydemani*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 323.
 1975 *Pallenopsis* (*Bathypallenopsis*) *tydemani caraibica*, - STOCK, Bull. mar. Sci., **24** (4): 1033-1036, figs. 31d, 32.
 1982 *Pallenopsis* (*Bathypallenopsis*) *tydemani*, - CHILD, Smiths. Contr. Zool., **349**:

30-31.

- 1984 *Pallenopsis* (*Bathypallenopsis*) *tydemani caraibica*, - STOCK, J. mar. biol. Ass. U.K.: 748.
- 1986 *Pallenopsis* (*Bathypallenopsis*) *tydemani caraibica*, - STOCK, Bull. mar. Sci., 38 (3): 437.
- 1990 *Pallenopsis* (*Bathypallenopsis*) *tydemani*, - NAKAMURA & CHILD, Proc. biol. Soc. Wash., **103** (2): 308.
- 1991 *Pallenopsis* (*Bathypallenopsis*) *tydemani*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 40.
- 1991 *Pallenopsis* (*Bathypallenopsis*) *tydemani*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 224.

Distribution: Atlantic and Indo-Pacific except for Polar Seas.

Depth range: 100-2862m.

***Pallenopsis vanhoeffeni* HODGSON 1915**

- 1915 *Pallenopsis vanhoeffeni*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 43.
- 1927 *Pallenopsis vanhoeffeni*, - HODGSON, Dt. Südpolar-Exped., **19**, Zool. 11: 336-337.
- 1938 *Pallenopsis vanhoeffeni*, - Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 17-19, figs. 3b, 4a, 5c, 6c-d
- 1944 *Pallenopsis vanhoeffeni*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 45.
- 1950 *Pallenopsis vanhoeffeni*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 151.
- 1952 *Pallenopsis vanhoeffeni*, - FAGE, Bull. Mus. natn. Hist. nat., ser. 2, **24** (2): 184.
- 1952 *Pallenopsis vanhoeffeni*, - FAGE, Bull. Mus. natn. Hist. nat., ser. 2, **24** (3): 269-270.

Distribution: Antarctica (Ross Sea; off Victoria and Gauss Quadrants; Magellan District).

Depth range: 40-603m.

***Pallenopsis varioculata* STOCK 1986**

- 1986 *Pallenopsis* (*Pallenopsis*) *varioculata* STOCK, Bull. mar. Sci., **38** (3): 431-433, fig. 11.

Distribution: W-Atlantic (SE of Trinidad, off Surinam).

Depth range: 48-59m.

***Pallenopsis verrucosa* STOCK 1953**

- 1953 *Pallenopsis verrucosa* STOCK, Temminckia, **9**: 288-291, figs. 8-9.
- 1968 *Pallenopsis verrucosa*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 48.

Distribution: Philippines and Coral Sea off E-Australia.

Depth range: 55-80m.

Habitat: gravel.

***Pallenopsis villosa* HODGSON, 1907**

- 1938 *Pallenopsis villosa*, - GORDON, Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 16, figs. 3c, 4b, 5a.
 1944 *Pallenopsis villosa*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 45-46.

Distribution: Antarctica (Ross Sea; off Victoria and Gauss Quadrants).

Depth range: 180-540m.

***Pallenopsis virgata* LOMAN 1908**

- 1908 *Pallenopsis virgatus* LOMAN, Siboga Exped. Monogr., **40**: 69-70, pl. 9, fig. 134, pl. 10, figs. 135-136.
 1949 *Pallenopsis virgatus*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 277-278, fig. 36g-h.
 1951 *Pallenopsis virgatus*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **1** (4): 160.
 1959 *Pallenopsis virgata*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 200.
 1965 *Pallenopsis virgata*, - UTINOMI, in: New Illustr. Encyclopaedia Fauna Japan, **2**: 335, fig. 17.
 1971 *Pallenopsis virgata*, - LOMAN, Publ. Seto Mar. Biol. Lab., **18** (5): 324.
 1983 *Pallenopsis (Pallenopsis) virgata*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 61.
 1987 *Pallenopsis virgata*, - NAKAMURA, Biol. Lab., Imperial Household: 13, pl. 10.
 1991 *Pallenopsis (Pallenopsis) virgata*, - CHILD, Smiths. Contr. Zool., **512**: 41.
 1991 *Pallenopsis (Pallenopsis) virgata*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 197.
 1991 *Pallenopsis (Pallenopsis) virgata*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 223-224.

Distribution: Indonesia, Japan, Philippines, New Caledonia, Chesterfield Islands.

Depth range: 30-82m.

***Philyra* LOSINA-LOSINSKY 1961**

- 1961 *Philyra* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 82 [diagnosis].

***Philyra quadriarticulata* LOSINA-LOSINSKY 1961**

- 1961 *Philyra quadriarticulata* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 84-87, fig. 14.

Distribution: NW-Pacific.

Depth range: 40-50m.

Philyra robusta LOSINA-LOSINSKY 1961

- 1961 *Philyra robusta* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 82-84, fig. 13.

Distribution: NW-Pacific.

Depth range: 24m.

Phoxichilidium MILNE-EDWARDS 1840

- 1948 *Phoxichilidium*, - HEDPETH, Proc. U.S. natn. Mus., **97** (3216): 216 [diagnosis, remarks].
 1954 *Phoxichilidium*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 125 [diagnosis].
 1949 *Phoxichilidium*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 280-281 [remarks].

Phoxichilidium australe HODGSON 1914

- 1915 *Phoxichilidium australe*, - CALMAN, Brit. Antarct. (Terra Nova) Exped., 1910, Zool., **3** (1): 46-48, fig. 10.
 1927 *Phoxichilidium australe*, - BOUVIER, Dt. Südpolar-Exped., **19**, Zool. 11: 340-341.
 1932 *Phoxichilidium australe*, - GORDON, Discovery Rep., **6**: 92-93.
 1938 *Pallenopsis australe*, - Sci. Rep. Australas. Antarct. Exped., (C), (Zool. & Bot.), **2** (8): 19.
 1952 *Phoxichilidium australe*, - FAGE, Bull. Mus. natn. Hist. nat., 2e sér., **24** (2): 184.
 1952 *Phoxichilidium australe*, - FAGE, Bull. Mus. natn. Hist. nat., 2e sér., **24** (3): 271.
 1991 *Phoxichilidium australe*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 202 [text].

Distribution: subantarctic area, probably circumpolar; Tasmania.

Depth range: 15-400m.

Habitat: amongst scalops; Bryozoa.

Phoxichilidium capense FLYNN 1928

- 1928 *Phoxichilidium capense* FLYNN, Rep. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Rep., 1): 27, figs. 15-16.
 1954 *Phoxichilidium capense*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 126.

Distribution: South Africa.

Phoxichilidium femoratum (RATHKE 1799)

- 1799 *Nymphon femoratum* RATHKE, Skrift. Naturhist., Kobenhavn, **5** (1) (4): 201.
 1853 *Phoxichilidium maxillare* STIMPSON, Smiths. Contr. Knowl., **6** (5): 37.
 1874 *Phoxichilidium femoratum* VERRILL, Am. J. Sci. & Arts, **3** (7): 45.
 1878 *Phoxichilidium maxillare*, - WILSON, Trans. Conn. Acad. Arts & Sci., **5**: 12-

- 13, pl. 4, fig. 1a-e.
- 1878 *Phoxichilidium minor* WILSON, Trans. Conn. Acad. Arts & Sci., **5**: 13-14, pl. 4, fig. 2a-f.
- 1880 *Phoxichilidium maxillare*, WILSON, Rep. U.S. Fish. Comm., **6**: 480-481, pl. 3, figs. 12-15.
- 1891 *Phoxichilidium femoratum*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 21-25, pl. II, fig. 1a-g.
- 1901 *Phoxichilidium maxillare*, - WHITEAVES, Geol. Surv. Canada, **772**: 263.
- 1914 *Phoxichilidium maxillare*, - PEARSE, Bull. Wisconsin Nat. Hist. Soc., N.S., **12**: 77.
- 1933 *Phoxichilidium femoratum*, - LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 47.
- 1933 *Phoxichilidium femoratum*, - STEPHENSEN, Medd. Grönland, **79** (6): 26-27.
- 1936 *Phoxichilidium femoratum*, - EXLINE, Proc. U.S. Natn. Mus., **83** (2991): 421.
- 1943 *Phoxichilidium femoratum*, - NEEDLER, Can. Atl. Fauna, **10**: 14, fig. 18a-f.
- 1945 *Phoxichilidium femoratum*, - LEBOUR, J. mar. biol. Ass. U.K., **26**: 146, figs. 1 a-c, 2a.
- 1948 *Phoxichilidium femoratum*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 216-217, fig. 24a.
- 1961 *Phoxichilidium femoratum*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 79.
- 1974 *Phoxichilidium femoratum*, KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 35 [key], 36-37, fig. 15.
- 1975 *Phoxichilidium femoratum*, - STOCK, Ent. Ber., **35**: 74.
- 1993 *Phoxichilidium femoratum*, - HARMS, Helgoländer Meeresuntersuch., **47**: 24, tab. 3.

Distribution: N-Atlantic (Greenland and Norway to France and Long Island Sound); Pacific Coast of N-America.

Depth range: shallow water-101m.

Habitat: panels; in cysts on *Syncoryne eximia*; *Aglaophenia latirostris*.

***Phoxichilidium forfex* STOCK 1991**

- 1991 *Phoxichilidium forfex* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 202-204, fig. 52.

Distribution: New Caledonia.

Depth range: 530m.

***Phoxichilidium horribilis* HEDGPETH 1949**

- 1949 *Phoxichilidium horribilis* HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 283-284, fig. 39.
- 1991 *Phoxichilidium horribile*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 202 [text].

Distribution: Sea of Okhotsk north of Kurile chain.

Depth range: 419m.

***Phoxichilidium micropalpidum* HILTON 1942**

- 1942 *Phoxichilidium micropalpidum* HILTON, J. Ent. Zool. Pomona College, 34 (3): 72.
 1975 *Phoxichilidium micropalpidum*, - CHILD, Proc. biol. Soc. Wash., 88 (19): 202-205, fig. 5.

Distribution: Russian Arctic (Bering Island; Bering Sea).
Depth range: 132m.

***Phoxichilidium parvum* HILTON 1939**

- 1939 *Phoxichilidium parvum* HILTON, J. Ent. Zool. Pomona College, 31 (2): 28.
 1941 *Phoxichilidium parvum*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., 9 (26): 257 [key].
 1942 *Phoxichilidium parvum*, - HILTON, J. Ent. Zool. Pomona College, 34 (3): 71-72.
 1954 *Phoxichilidium hokkaidoense* UTINOMI, Publ. Akkeshi Mar. Biol. Stat., 3: 4-7, figs. 2-3, pl. I fig. 1.
 1965 *Phoxichilidium hokkaidoensis*, - UTINOMI, in: New Illustr. Encyclopaedia Fauna Japan, 2: 335.
 1971 *Anoplodactylus hokkaidoensis*, - UTINOMI, Publ. Seto Mar. Biol. Lab., 18 (5): 326.
 1975 *Phoxichilidium parvum*, - CHILD, Proc. biol. Soc. Wash., 88 (19): 205, fig. 6a.
 1991 *Phoxichilidium parvum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., 512: 34.

Distribution: California; Japan.
Depth range: ?-381m.
Habitat: shallow-water hydroids.

***Phoxichilidium quadridentatum* HILTON 1942**

- 1942 *Phoxichilidium quadridentatum* HILTON, J. Ent. Zool. Pomona College, 34 (3): 71.
 1954 *Phoxichilidium quadridentatum*, - HEDGPETH, in: Intertidal Inv. Central Calif coast, Univ. Calif. Press: 204.
 1955 *Phoxichilidium quadridentatum*, - MacGINITIE, Smiths. Misc. Coll., 128 (9): 171.
 1963 *Phoxichilidium quadridentatum*, - HEDGPETH, J. Fish. Res. Board Can., 20 (5): 1336-1337, fig. 9.
 1975 *Phoxichilidium quadridentatum*, - CHILD, Proc. biol. Soc. Wash., 88 (19): 205-207.

Distribution: NE-Pacific.
Habitat: stony mud, among hydroids and broyzoans.

***Phoxichilidium spinosum* LOSINA-LOSINSKY 1961**

- 1961 *Phoxichilidium spinosum* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, 7: 79-80, fig. 11.
 1991 *Phoxichilidium spinosum*, - STOCK, Mém. Mus. natn. Hist. nat. (A), 151: 202 [text].

Distribution: NW-Pacific.
Depth range: 151-414m.

***Phoxichilidium tuberculatum* STOCK 1991**

- 1991 *Phoxichilidium tuberculatum* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 200-202, fig. 51.

Distribution: New Caledonia.
Depth range: 435-610m.

***Phoxichilidium tubulariae* LEBOUR 1945**

- 1945 *Phoxichilidium tubulariae* LEBOUR, J. Mar. Biol. Ass. U.K., **26**: 147-150, figs. 1d-g, 2b, 3a-c.
 1974 *Phoxichilidium tubularie*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 35 [key], 38-39, fig. 16.
 1993 *Phoxichilidium tubulariae*, - HARMS, Helgoländer Meeresuntersuch., **47**: 24, tab. 3.

Distribution: NE-Atlantic.
Depth range: shallow water.
Habitat: on *Tubularia larynx*.

***Phoxichilidium ungelatum* HEDGPETH 1949**

- 1949 *Phoxichilidium ungelatum* HEDGPETH, Proc. U.S. Natn. Mus., **98** (3231): 281-283, fig. 38.
 1954 *Phoxichilidium ungelatum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 71.
 1955 *Phoxichilidium ungelatum*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 22-23, fig. 12.
 1971 *Phoxichilidium ungelatum*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 325.
 1990 *Phoxichilidium ungelatum*, - TURPAEVA, Zool. Zh., **69** (9): 17, fig. 1 (1-3).
 1991 *Phoxichilidium ungelatum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 34-35.

Distribution: Japan.
Depth range: 0-479m.
Habitat: hard bottom and surface plancton (0-5m).

***Pycnosomia* LOSINA-LOSINSKY 1961**

- 1961 *Pycnosomia* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 86.

***Pycnosomia asterophila* STOCK 1981**

- 1981 *Pycnosomia asterophila* STOCK, Res. Camp. MUSORSTOM, 1, Mém. ORSTOM, **91** (13): 309-312, figs. 1-8.
 1991 *Pycnosomia asterophila*, - STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 225 [text].

Distribution: Philippines.

Depth range: 379-407m.

Habitat: On starfish *Calliaster corynetes*.

***Pycnosomia coxata* STOCK 1991**

- 1991 *Pycnosomia coxata* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 225-226, fig. 7.

Distribution: Philippines.

Depth range: 119-204m.

***Pycnosomia strongylocentroti* LOSINA-LOSINSKY 1933**

- 1933 *Pycnosoma strongylocentroti* LOSINA-LOSINSKY, Issledov. Morei S.S.S.R., Leningrad, **17**: 43.
 1942 *Pigrogromitus robustus* HILTON, J. Ent. Zool. Pomona College, **34** (2): 40.
 1947 *Pycnosoma strongylocentroti*, - HEDGPETH, Smiths. Misc. Coll., **106** (18): 7 [footnote].
 1961 *Pycnosomia strongylocentroti*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 86.
 1975 *Pycnosoma strongylocentroti*, - CHILD, Proc. biol. Soc. Wash., **88** (19): 207.

Distribution: Alaska and Russian Siberia.

Depth range: 16-75m.

***Pycnosomia tuberculata* LOSINA-LOSINSKY, 1961**

- 1961 *Pycnosomia tuberculata* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 86-87, fig. 15.

Distribution: NW-Pacific.

Depth range: 591m.

PYCNOGONIDAE

- 1948 Pycnogonidae, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 276 [diagnosis, key to genera].
 1954 Pycnogonidae, - BARNARD, Ann. S. Afr. Mus., **41** (3): 151 [diagnosis, remarks].
 1969 Pycnogonidae, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: [diagnosis, key to genera].
 1979 Pycnogonidae, - CHILD, Smiths. Contr. Zool., **293**: 72 [key to Middle American species].

***Pentapycnon* BOUVIER 1910**

- 1948 *Pentapycnon*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 281 [diagnosis, remarks].
 1966 *Pentapycnon*, - STOCK, Ann. Inst. Oceanogr. Monaco, **44**: 400 [key to species].

***Pentapycnon charcoti* BOUVIER 1910**

- 1910 *Pentapycnon charcoti* BOUVIER, C. r. hebd. Séanc. Acad. Sci., Paris, **151**: 29.
 1911 *Pentapycnon charcoti*, - BOUVIER, C. r. hebd. Séanc. Acad. Sci., Paris, **152**: 492.
 1911 *Pentapycnon charcoti*, - BOUVIER, C. r. hebd. Séanc. Acad. Sci., Paris, **152**: 1137.
 1913 *Pentapycnon charcoti*, - BOUVIER, Deuxième Exped. Antarct. fr.: 98, 151-156, figs. 98-100.
 1935 *Pentapycnon charcoti*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**, Abt. IV, 2 (1): 298.
 1969 *Pentapycnon charcoti*, - FRY & HEDGPETH, Mem. N.Z. Oceanogr. Inst., **49**: 62-63, figs. 88, 92-95.

Distribution: Antarctica.

Depth range: 240-1420m.

***Pentapycnon geayi* BOUVIER 1911**

- 1911 *Pentapycnon geayi* BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **152**: 491-494.
 1911 *Pentapycnon geayi*, - BOUVIER, C.R. Séanc. Hebd. Acad. Sci., Paris, **152**: 1140.
 1913 *Pentapycnon geayi*, - BOUVIER, Deuxième Expéd. Antarct. Française (1908-1910), **6**: 161-166, figs. 105-109.
 1948 *Pentapycnon geayi*, - HEDGPETH, Proc. U.S. Natn. Mus., **97** (3216): 281, fig. 53.
 1975 *Pentapycnon geayi*, - STOCK, Bull. mar. Sci., **24** (4): 1088.
 1986 *Pentapycnon geayi*, - STOCK, Bull. mar. Sci., **38** (3): 405 tab. 1.
 1992 *Pentapycnon geayi*, - STOCK, Tijdschr. Ent., **135**: 137, 139.

Distribution: French Guiana; Surinam; north of Puerto Rico; Brazil.

Depth range: 8-70m.

***Pycnogonum* BRÜNNICH 1764**

- 1948 *Pycnogonum*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 277 [remarks, key to NW-Atlantic species].
 1954 *Pycnogonum*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 151-152 [diagnosis, remarks, key to South African species].
 1963 *Pycnogonum*, - CLARK, Rec. Austr. Mus., **26** (1): 79 [key to Australian species].
 1966 *Pycnogonum*, - STOCK, Ann. Inst. Oceanogr. Monaco, **44**: 400-402 [key to species].
 1968 *Pycnogonum*, - STOCK, Vidensk. Medd. Dansk naturh. Foren., **131**: 60-61

[remarks].

- 1969 *Pycnogonum*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 58 [remarks].
 1986 *Pycnogonum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 64 [key to Japanese species].

***Pycnogonum africanum* CALMAN 1938**

- 1938 *Pycnogonum africanum* CALMAN, Sci. Rep. John Murray Exp., **5** (6): 163-165, fig. 10A-C.
 1968 *Pycnogonum (Nulloviger) africanum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 61, fig. 22a-b.
 1988 *Pycnogonum (Nulloviger) africanum*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 150-151.
 1991 *Pycnogonum (Nulloviger) africanum*, - TURPAEVA, Zool. Zh., **70** (12): 42.

Distribution: shelf and slope of south-eastern Africa.
Depth range: 183-1228m.

***Pycnogonum angulirostrum* STOCK 1959**

- 1959 *Pycnogonum angulirostrum* STOCK, Trans. Roy. Soc. S. Afr., **35** (5): 565-567, fig. 9.

Distribution: South Africa.
Depth range: littoral.
Habitat: under stone in pool.

***Pycnogonum anovigerum* CLARK 1956**

- 1956 *Pycnogonum anovigerum* CLARK, Rec. Canterbury Mus., **7** (2): 171-173, figs. 1-5.

Distribution: New Zealand.
Depth range: littoral.
Habitat: from underside of boulder in rockpool.

***Pycnogonum arbustum* STOCK 1966**

- 1966 *Pycnogonum arbustum* STOCK, Atlantide Rep., **9**: 54-56, fig. 4.

Distribution: W-Africa (off Guinea).
Depth range: 45m.
Habitat: shells, Foraminifera.

***Pycnogonum asiaticum* MÜLLER 1992**

- 1992 *Pycnogonum asiaticum* MÜLLER, Bonn. zool. Beitr., **43** (1): 173-177, figs. 50-55.

Distribution: Malaysia (Tioman Archipelago, Pulau Babi

Besar)

Depth range: 1-2 m.

Habitat: dead corals on fringing reef.

***Pycnogonum aurilineatum* FLYNN 1919**

1919 *Pycnogonum aurilineatum* FLYNN, Pap. Proc. Roy. Soc. Tasm., 1918: 92-95, pl. XIII, figs. 1-2, pl. XIV, fig. 3.

1973 *Pycnogonum aurilineatum*, - STOCK, Beaufortia, **20** (266): 125.

Distribution: Australia.

Depth range: 10-15m.

Habitat: in red algae.

***Pycnogonum benokianum* OHSIMA 1935**

1935 *Pycnogonum benokianum* OHSIMA, Dôbutsugaku Zasshi, **47** (557): 137-139.

1947 *Pycnogonum benokianum*, - OHSIMA & KISHIDA, Illustr. Encyclopaedia Fauna Japan: 1010, fig. 2866.

1949 *Pycnogonum benokianum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 304-307, fig. 49.

1971 *Pycnogonum benokianum*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 339.

Distribution: Japan (Benoki, Okinawa Islands).

Habitat: infesting sea anemone *Phellia decora*.

***Pycnogonum buticulosum* HEDGPETH 1949**

1949 *Pycnogonum buticulosum* HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 308-309, fig. 48a, 50a-b.

Distribution: Japan.

***Pycnogonum callosum* LOSINA-LOSINSKY 1961**

1961 *Pycnogonum callosum* LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 110-111, fig. 26.

Distribution: NW-Pacific.

Depth range: 200-400m.

***Pycnogonum cataphractum* MÖBIUS 1902**

1902 *Pycnogonum cataphractum* MÖBIUS, Wiss. Ergebn. dtsh. Tiefsee-Exp. "Valdivia", 1898-1899, **3**: 194, pl. XXX, fig. 11.

1954 *Pycnogonum cataphractum*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 152.

Distribution: South Africa (St. Francis Bay).

Depth range: shallow water.

***Pycnogonum cessaci* BOUVIER 1911**

- 1911 *Pycnogonum cessaci* BOUVIER, Compt. Rend. Acad. Sci., **152**: 493.
 1940 *Pycnogonum pamphorum* MARCUS, - Bol. Fac. Fil., Ciên. Letr. Univ. S. Paulo, **19** (Zool. 4): 115-117, fig. 16.
 1945 *Pycnogonum leticiae*, - MELLO-LEITAO, Bol. Mus. Nac., Rio de Janeiro, N.S. (Zool.), **42**: 1-4, figs. 1-5.
 1952 *Pycnogonum cessaci*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, (2) **24** (6): 531-533, fig. 1.
 1954 *Pycnogonum cessaci*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **5** (24): 129.
 1966 *Pycnogonum cessaci*, - STOCK, Ann. Inst. Océanogr. Monaco, **440**: 400 [key].
 1967 *Pycnogonum cessaci*, - McCLOSKEY, J. nat. Hist., **1**: 131-133, figs. 25-27.
 1975 *Pycnogonum cessaci*, - STOCK, Bull. mar. Sci., **24** (4): 1085-1086, fig. 58d.
 1979 *Pycnogonum cessaci*, - CHILD, Smiths. Contr. Zool., **293**: 72.
 1986 *Pycnogonum cessaci*, - STOCK, Bull. mar. Sci., **38** (3): 405 tab. 1.
 1990 *Pycnogonum cessaci*, - STOCK, Zool. Meded., **63** (16): 231.
 1992 *Pycnogonum* (*Retroviger*) *cessaci*, - STOCK, Tijdschr. Ent., **135**: 136, 139, 136-137 [text].
 1992 *Pycnogonum leticiae*, - STOCK, Tijdschr. Ent., **135**: 137 [text].

Distribution: amphi-atlantic, in tropical and temperate waters; Pacific-Coast of Panamá.

Depth range: 0-10m.

Habitat: on scleractinian coral *Oculina arbuscula*; rock debris and sand; rocky and sandy coast; seaweeds on rocky shore.

***Pycnogonum crassirostre* SARS 1888**

- 1888 *Pycnogonum crassirostre* SARS, Arch. Math. Naturvidensk., Oslo, **12**: 340.
 1891 *Pycnogonum crassirostre*, - SARS, Norw. North-Atl. Exp., 1876-1878 (Zool. **20**): 12-14, pl. 1, fig. 1A-H.
 1933 *Pycnogonum crassirostre*, - STEPHENSEN, Danmarks Fauna, **38**: 30, fig. 8 (map).
 1936 *Pycnogonum crassirostre*, - STEPHENSEN, Bergens Mus. Arbok Naturv. Rek., **2**: 35.
 1948 *Pycnogonum crassirostre*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 279, fig. 52B.
 1966 *Pycnogonum crassirostre*, - STOCK, Ann. Inst. Océanogr., Monaco, **44**: 402 [key].
 1975 *Pycnogonum crassirostrum*, - STOCK, Bull. mar. Sci., **24** (4): 1086.
 1988 *Pycnogonum crassirostrum*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 151.

Distribution: off Iceland, Greenland, Norway, eastern N-America, South Africa.

Depth range: 100-620m.

Habitat: dead corals; *Lophohelia*.

***Pycnogonum crosnieri* STOCK 1991**

- 1991 *Pycnogonum crosnieri* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 206-208, fig. 56.

Distribution: New Caledonia.
Depth range: 440-450m.

***Pycnogonum elephas* STOCK 1966**

- 1966 *Pycnogonum elephas* STOCK, Ann. Inst. Oceanogr. Monaco, **44**: 397-400, fig. 5.

Distribution: W-Atlantic (between Rio de Janeiro and Rio de la Plata).
Depth range: 30-740m.

***Pycnogonum eltanin* FRY & HEDGPETH 1969**

- 1969 *Pycnogonum eltanin* FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **40**: 61-62, figs. 85, 90, 91.

Distribution: Antarctica.
Depth range: 300m.

***Pycnogonum forte* FLYNN 1928**

- 1928 *Pycnogonum forte* FLYNN, Repts. Fish. & Mar. Biol. Surv. Union S. Afr., **6** (Special Repts. 1): 31-33, figs. 18-19.
 1954 *Pycnogonum forte*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 152-153, fig. 31C-D.
 1998 *Pycnogonum forte*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 151-152.

Distribution: South Africa.
Depth range: 90-775m

***Pycnogonum gaini* BOUVIER 1910**

- 1910 *Pycnogonum gaini* BOUVIER, C. r. hebd. Séanc. Acad. Sci., Paris, **151**: 30.
 1913 *Pycnogonum gaini*, - BOUVIER, Deuxième Exped. Antarct. fr.: 156-160, figs. 101-104.
 1915 *Pycnogonum gaini*, - CALMAN, Br. Antarct. Terra Nova Exped., 1910, Zool. **3** (1): 68, fig. 22.
 1927 *Pycnogonum gaini*, - HODGSON, Dt. Südpolar-Expe., **19**: 354-356.
 1935 *Pycnogonum gaini*, - HELFER & SCHLOTTKE, Bronn's Kl. Ord. Tierreichs, **5**, Abt. IV, 2, (1): 298.
 1938 *Pycnogonum gaini*, - GORDON, Sci. Rep. Australas. Antarct. Exped., ser. C., (Zool. and Bot.) **2** (8): 28.
 1944 *Pycnogonum gaini*, - GORDON, Rep. B.A.N.Z. Antarct. Res. Exped., ser. B, **5** (1): 68-69, fig. 26a-d, 27a.
 1969 *Pycnogonum gaini*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **40**: 58-59, figs. 83-84, map. 85.
 1972 *Pycnogonum gaini*, - ARNAUD, Téthys, suppl. **4**: 145.
 1980 *Pycnogonum gaini*, - KRAPP, Bull. Inst. Roy. Sci. Nat. Belg., **52** (18): 7.

Distribution: Antarctica.

Depth range: upper sublittoral-2495m.

***Pycnogonum gibberum* MARCUS & du BOIS REYMOND-MARCUS 1963**

1963 *Pycnogonum gibberum* MARCUS & du BOIS REYMOND-MARCUS, Bol. Inst. Oceanogr. S Paulo, **12** (3): 3-6, figs. 1-5.

1992 *Pycnogonum (Retroviger) gibberum*, STOCK, Tijdschr. Ent., **135**: 136, 139.

Distribution: Brazil.

Depth range: 32-56m.

***Pycnogonum gordonae* PUSHKIN 1984**

1984 *Pycnogonum gordonae* PUSHKIN, Zool. Zh., **63** (7): 1102-1104, figs. 1-15.

Distribution: Antarctic.

Depth range: 260-400m.

***Pycnogonum guyanae* STOCK 1975**

1975 *Pycnogonum guyanae* STOCK, Bull. mar. Sci., **24** (4): 1086-1088, fig. 59a-e.

1986 *Pycnogonum guyanae*, - STOCK, Bull. mar. Sci., **38** (3): 405.

Distribution: French Guiana.

Depth range: 104-130m.

Habitat: sandy calcarenite; from gorgonarians.

***Pycnogonum hancocki* SCHMITT 1934**

1934 *Pycnogonum hancocki* SCHMITT, J. Wash. Acad. Sci., **24** (1): 65-67, fig. 2.

1942 *Pycnogonum hancocki*, - HILTON, Rep. Allan Hancock Pac. Exped., **5** (9): 308-310, pl. 47.

1943 *Pycnogonum hancocki*, - HILTON, J. Ent. Zool. Pomona College, **35** (2): 19.

1966 *Pycnogonum hancocki*, - STOCK, Ann. Inst. Océanogr. Monaco, **44**: 402 [key].

1971 *Pycnogonum hancocki*, - CHILD & HEDGPETH, J. nat. Hist., **5**: 631-633.

Distribution: Galápagos Archipelago.

Depth range: intertidal.

Habitat: under rocks.

***Pycnogonum indicum* SUNDARA RAJ 1930**

1930 *Pycnogonum indicum* SUNDARA RAJ, Bull. Madras. Governm. Mus. N.H., **1**: 73-75, figs. IA-B, II, figs. A-B.

Distribution: India (Shingle Island, Gulf of Manaar).

Depth range: intertidal.

***Pycnogonum koreanum* KIM & STOCK 1984**

- 1984 *Pycnogonum koreanum* KIM & STOCK, J. nat. Hist., **18**: 685-688, figs. 1-6.
 1987 *Pycnogonum koreanum*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 161.

Distribution: Korea.

Depth range: intertidal.

Habitat: under stones and in crevices of sandy rocks.

***Pycnogonum littorale* (STRÖM 1762)**

- 1762 *Pycnogonum littorale* STRÖM, Phys. Oecon. Beskr. Fogd. Sondmor, beliggende Bergens Stift i Norge, **1**: 209, pl. 1, fig. 17.
 1853 *Pycnogonum pelagicum*, - STIMPSON, Smiths. Contr. Knowledge, **6** (5): 37.
 1872 *Pycnogonum pelagicum*, - WHITEAVES, Ann. Mag. nat. Hist, ser. **4**, 10: 347.
 1873 *Pycnogonum littorale*, - VERRILL, Rep. U.S. Commissioner Fish., **1**: 415.
 1874 *Pycnogonum littorale*, - SMITH & HARGER, Trans. Conn. Acad. Arts & Sci., **3**: 10.
 1874 *Pycnogonum pelagicum*, - VERRILL, Am. J. Sci. & Arts, **3** (7): 502.
 1875 *Pycnogonum littorale*, - VERRILL, Am. J. Sci. & Arts, **3** (10): 38.
 1878 *Pycnogonum littorale*, - WILSON, Trans. Conn. Acad. Arts & Sci., **5**: 4-5, pl. 1, fig. 1a-b, pl. 2, fig. 3a-b.
 1880 *Pycnogonum littorale*, - WILSON, Rep. U.S. Commissioner Fish., 1878 (6): 469-471, pl. 1, figs. 1-3.
 1881 *Pycnogonum littorale*, - WILSON, Bull. Mus. Comp. Zool., Harvard, **8** (12): 242.
 1885 *Pycnogonum littorale*, - VERRILL, Rep. U.S. Commission Fish., 1883: 560.
 1891 *Pycnogonum littorale*, - SARS, Norw. North-Atl. Exped., 1876-1878, **6** (Zool. 20): 7-12, pl. I, figs. 1a-i.
 1896 *Pycnogonum littorale*, - CAULLERY, Ann. Univ. Lyon, **26**: 363.
 1902 *Pycnogonum littorale*, - MÖBIUS, Wiss. Ergeb. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 193.
 1913 *Pycnogonum littorale*, - SUMNER, OSBURN & COLE, Bull. Bureau Fish., Washington, **31** (1,2): 677.
 1914 *Pycnogonum littorale*, - BOUVIER, J. Mar. Biol. Ass., Plymouth, **10**: 207-210.
 1923 *Pycnogonum littorale*, - BOUVIER, Faune de France, **7**: 61.
 1930 *Pycnogonum littorale*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **2**: 7-15.
 1933 *Pycnogonum littorale*, - STEPHENSEN, Godthaab Exp. 1928, Medd. Gronland, **79** (6): 30, fig. 8 (map).
 1936 *Pycnogonum littorale*, - STEPHENSEN, Bergens Mus. Arbok Naturv. Rek., **2**: 33-34.
 1943 *Pycnogonum littorale*, - NEEDLER, Can. Atl. Fauna, **10**: 5, fig. 3a-d.
 1945 *Pycnogonum littorale*, - LEBOUR, J. Mar. Biol. Ass. U.K., **26**: 163-164.
 1948 *Pycnogonum littorale*, - HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 277.
 1972 *Pycnogonum littorale*, - KING, J. nat. Hist., **6**: 622.
 1973 *Pycnogonum littorale*, - ARNAUD, Tethys, **5** (1): 152.
 1973 *Pycnogonum littorale*, - JARVIS & KING, Mar. Behav. Physiol., **2**: 1-13 [ultrastructure of photoreceptors].
 1974 *Pycnogonum littorale*, - KING, A Synopsis of the British Sea Spiders. Synopses of the British Fauna (New Ser.), **5**: 56-58, figs. 24-25.
 1976 *Pycnogonum littorale*, - WOLFF, Netherlands J. Sea Res., **10** (4): 476-477, fig. 4a (distribution in estuary).
 1978 *Pycnogonum littorale*, - KING & EL-HAWAWI, Acta zool., **59**: 97-103 [spermiogenesis].

- 1979 *Pycnogonum littorale*, - JARVIS & KING, Mar. Behav. Physiol., **6**: 307-317 [response to light stimuli].
 1980 *Pycnogonum littorale*, - HOOPER, Aust. Zool., **20** (3): 477-478, 480 [text].
 1984 *Pycnogonum litorale*, - BEHRENS, Zoomorphology, **104**: 266-279 (larval-development, feeding).
 1985 *Pycnogonum littorale*, - BAMBER, Zool. J. Linn. Soc., **83**: 306.
 1993 *Pycnogonum littorale*, - HARMS, Helgoländer Meeresuntersuch., **47**: 24, tab. 3.

Distribution: N-Atlantic (Iceland and Greenland to west coast of France, Mediterranean and E-coast of U.S.A.)

Depth range: 0-800m.

Habitat: on hydroids (*Clava multicornis*) and Anthozoa (*Actinia equina*, *Metridium senile*, *Tealia felina*); associated with *Tealia*.

Remarks: Breeding season from late spring to early autumn.

Pycnogonum lobipes STOCK 1991

- 1991 *Pycnogonum* (*Nulloviger*) *lobipes* STOCK, Mém. Mus. natn. Hist. nat. (A), **151**: 208-210, fig. 57.

Distribution: New Caledonia.

Depth range: 680-700m.

Pycnogonum madagascariensis BOUVIER 1911

- 1971 *Pycnogonum madagascariensis*, - ARNAUD, Tethys, Suppl. **1**: 161-163, figs. 1-6.

Distribution: Madagascar.

Pycnogonum magellanicum HOEK 1898

- 1898 *Pycnogonum magellanicum* HOEK, Tijdschr. Nederl. Dierk. Ver., (2) **5** (2-4): 296, pl. III, figs. 20-21.
 1902 *Pycnogonum magellanicum*, - MÖBIUS, Fauna Arctica, **2**: 60-61.
 1932 *Pycnogonum magellanicum*, - GORDON, Discovery Rep., **6**: 126-128, fig. 72.
 1966 *Pycnogonum magellanicum*, - STOCK, Ann. Inst. Océanogr. Monaco, **44**: 397, 402.

Distribution: off Falkland Islands and Gough Island.

Depth range: 102-236m.

Pycnogonum magnirostre MÖBIUS 1902

- 1902 *Pycnogonum magnirostre* MÖBIUS, Wiss. Ergebn. dt. Tiefsee-Exped. "Valdivia", 1898-1899, **3**: 194-195, pl. XXX, figs. 12-14.

Distribution: Kerguelen Islands.

Depth range:

Pycnogonum microps LOMAN 1904

- 1904 *Pycnogonum microps* LOMAN, Zool. Jb. Syst., **20** (4): 378, pl. 14, figs. 5-6.
 1954 *Pycnogonum microps*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 154-155, fig. 33.
 1956 *Pycnogonum microps*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **118**:
 93.
 1962 *Pycnogonum microps*, - STOCK, Trans. Roy. Soc. S. Afr., **36** (4): 285.

Distribution: South Africa.
Depth range: 15m.
Habitat: shelly khaki sand, rocks.

***Pycnogonum minutum* LOSINA-LOSINSKY & KOPANEVA 1973**

- 1973 *Pycnogonum minutum* LOSINA-LOSINSKY & KOPANEVA, Zool. Zh., **52** (7): 1083-1084,
 figs. 1-2.

Distribution: Guinean Republic.
Habitat: offshore.

***Pycnogonum moolenbecki* STOCK 1992**

- 1992 *Pycnogonum moolenbecki* STOCK, Bijdr. Dierk., **62** (2): 95-97, fig. 11.

Distribution: Oman.
Depth range: low tide.
Habitat: "stones and algae" (STOCK).

***Pycnogonum moniliferum* STOCK 1991**

- 1991 *Pycnogonum (Nulloviger) moniliferum* STOCK, Mém. Mus. natn. Hist. nat. (A),
151: 210-211, fig. 58.

Distribution: New Caledonia.
Depth range: 570-825m.

***Pycnogonum nodulosum* DOHRN 1881**

- 1881 *Pycnogonum nodulosum* DOHRN, Monogr. Fauna Flora Golf Neapel, **3**: 203-207, pl.
 16, figs. 1-3.
 1928 *Pycnogonum nodulosum*, - LOMAN, Bull. Soc. Sci. nat. Phys. Maroc., **8** (1-3):
 62, 64.
 1953 *Pycnogonum nodulosum*, - FAGE, Bull. Mus. natn. Hist. nat., Paris, (2) **25**
 (4): 381 [list].
 1954 *Pycnogonum nodulosum*, - BOURDILLON, Rec. Trav. Stat. Mar. d'Endoume, **12** (7):
 155.
 1955 *Pycnogonum nodulosum*, - BARNARD, Ann. S. Afr. Mus., **43** (1): 106.
 1958 *Pycnogonum nodulosum*, - STOCK, Bull. Sea Fish. Res. Sta. Haifa, **16**: 5.
 1966 *Pycnogonum nodulosum*, - STOCK, Ann. Inst. Océanogr. Monaco, **44**: 401 [key].
 1968 *Pycnogonum nodulosum*, - STOCK, Vie Milieu, Suppl. **19** (1A): 34-35, fig. 28.
 1978 *Pycnogonum nodulosum*, - CHIMENZ-GUSSO, FRESI, CINELLI, MAZZELLA, PANSINI &
 PRONZATO, Mem. Biol. Mar. Ocean., **8** (4): 100.

- 1981 *Pycnogonum nodulosum*, - MUNILLA & de HARO, Bijdr. Dierk., **51** (2): 191-197, figs. 9, 11, tab. I (electrophoretical and immunological study).
 1984 *Pycnogonum nodulosum*, - MUNILLA & de HARO, in: Els sistemes de les illes Medes, ROS, OLIVELLA & GILI eds., Barcelona: 532, tab. I, 534-535, tab. III-IV.
 1988 *Pycnogonum nodulosum*, - ARNAUD & CHILD, Ann. S. Afr. Mus., **98** (6): 152-153.

Distribution: South Africa; W-Africa; Mediterranean.

Depth range: 9-49m.

Habitat: in *Posidonia oceanica* seagrass; *Lithothamnion racemus*, *Pessonnellia polymorpha*.

***Pycnogonum occa* LOMAN 1908**

- 1908 *Pycnogonum occa* LOMAN, Siboga Exped. Monogr., **40**: 35-36, pl. 12, figs. 171-174.
 1922 *Pycnogonum occa*, - BOUVIER, Ann. Sci. nat., Paris (Zool.), (10) **5** (1-2): 116.
 1966 *Pycnogonum occa*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 61-62, fig. 22c-e.
 1988 *Pycnogonum occa*, - CHILD, Smiths. Contr. Zool., **468**: 27.

Distribution: ?Kermadec Trench; Indonesia; Philippines.

Depth range: 567-2470m.

Habitat: grey clay.

***Pycnogonum ornans* STOCK 1992**

- 1992 *Pycnogonum ornans* STOCK, Tijdschr. Ent., **135**: 136-137, 139, figs. 76-80.

Distribution: southern Brazil.

Depth range: 38-47m.

***Pycnogonum panamum* HILTON 1942**

- 1849 ?*Pycnogonum littorale*, - NICOLET, Hist. fisica y politica Chile, **3**. Atlas zool., Crust.: 308.
 1942 *Pycnogonum panamum* HILTON, Rep. Allan Hancock Pac. Exped., **5** (9): 310-311, pl. 47.
 1961 *Pycnogonum panamum*, - HEDGPETH, Lunds Univ. Arsskr., N.F. (2) **57** (3): 17, fig. 11.
 1966 *Pycnogonum panamum*, - STOCK, Ann. Inst. Océanogr. Monaco, **44**: 402 [key].

Distribution: Panamá Pacific; ?Chile.

Depth range: shallow water.

***Pycnogonum paragaini* MUNILLA 1989**

- 1989 *Pycnogonum paragaini* MUNILLA, Actas Tercer. Symp. Espan. Estud. Antarct.: 76-78, fig. 2.

Distribution: Antarctica.
Depth range: 205-230m.

***Pycnogonum planum* STOCK 1954**

- 1954 *Pycnogonum planum* STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 165-168, fig. 81.

Distribution: New Zealand.
Depth range: littoral
Habitat: shore, sandstone.

***Pycnogonum platylophum* LOMAN 1923**

- 1923 *Pycnogonum platylophum* LOMAN, Ark. Zool., **15** (10): 10-12, fig. E1-5.
 1932 *Pycnogonum platylophum*, - GORDON, Discovery Rep., **6**: 126, fig. 71a-b.
 1935 *Pycnogonum platylophum*, - HELFER & SCHLOTTKE, Bronn's Kl. Ord. Tierreichs, **5**, Abt. IV, 2 (1): 298.
 1938 *Pycnogonum platylophum*, - GORDON, Sci. Rep. Australas. Antarct. Exped. (C), (Zool. & Bot.), **2** (8): 28.
 1944 *Pycnogonum platylophum*, - GORDON, Rep. B.A.N.Z. Antarct. Res. Exped., ser. B, **5** (1): 69-70, fig. 27b-d.
 1947 *Pycnogonum (magellanicum) HOEK ?*, - STEPHENSEN, - Sci. Res. Norw. Antarct. Exped., 1927-1928 et sqq., **27**: 86.
 1969 *Pycnogonum platylophum*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 61, figs. 88-89.
 1970 *Pycnogonum platylophum*, - ARNAUD, Bull. Mus. natn. Hist. nat., 2e sér., **41** (6): 1426.

Distribution: (sub)-Antarctic.
Depth range: 18-540m.

***Pycnogonum plumipes* STOCK 1960**

- 1960 *Pycnogonum plumipes* STOCK, Vie Milieu, **11** (1): 124-126, fig. 1a-c.
 1968 *Pycnogonum plumipes*, - STOCK, Vie Milieu, **19** (1A): 35, fig. 29.
 1987 *Pycnogonum plumipes*, - ARNAUD, Mesogee, **47**: 50-51.

Distribution: Mediterranean.
Depth range: 2-40m.
Habitat: *Paramuricea*, *Corallium*, *Leptopsammia*, *Halopteris scoparia*, hydroids.

***Pycnogonum portus* BARNARD 1946**

- 1946 *Pycnogonum portus* BARNARD, Ann. Mag. Nat. Hist., **11** (13): 62.
 1954 *Pycnogonum portus*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 153-154, fig. 32.

Distribution: South Africa.
Depth range: littoral.

Pycnogonum pusillum DOHRN 1881

- 1881 *Pycnogonum pusillum* DOHRN, Monogr. Fauna Flora Golf Neapel, **3**: 207, pl. 16, figs. 4-8.
- 1885 *Pycnogonum pusillum*, - CARUS, Prodr. faunae medit. sive descr. maris Medit. incolarum, **2**: 288.
- 1909 *Pycnogonum pusillum*, d'ARCY THOMPSON, The Cambr. Nat. Hist., 540.
- 1922 *Pycnogonum pusillum*, - BOUVIER, Ann. Sci. Nat., Paris (Zool.), (10) **5** (1-2): 115.
- 1923 *Pycnogonum pusillum*, - BOUVIER, Faune de France, **7**: 61.
- 1929 *Pycnogonum pusillum*, - SCHIUMKEWITSCH, Fauna SSSR, Izdatl'jstvo Akad. Nauk SSSR, **1**: 6, 7, 18.
- 1935 *Pycnogonum pusillum*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5** (4) (2): 298.
- 1952 *Pycnogonum pusillum*, - STOCK, Bull. Inst. Roy. Sci. Nat. Belg., **38** (14): 1-6, fig. 1a-b.
- 1954 *Pycnogonum pusillum*, - BARNARD, Ann. S. Afr. Mus., **41** (3): 155-156, fig. 33.
- 1954 *Pycnogonum pusillum*, - BOURDILLON, Rec. Trav. Sta. Mar. d'Endoume, **12** (7): 155.
- 1955 *Pycnogonum pusillum*, - HOENIGMAN & STOCK, Ent. Ber., **15**: 534.
- 1962 *Pycnogonum pusillum*, - MONNIOT, Vie Milieu, **13** (2): 273.
- 1964 *Pycnogonum pusillum*, - STOCK, Bull. Sea Fish. Res. Sta. Haifa, **35**: 32.
- 1968 *Pycnogonum pusillum*, - STOCK, Vie Milieu, **19** (1A), Suppl.: 36, fig. 30.
- 1968 *Pycnogonum littorale*, - ZAVODNIK, Thalasia Jugosl., **4**: 46, 49.
- 1983 *Pycnogonum pusillum*, - KRAPP, Bonn. zool. Beitr., **34** (1-3): 412.
- 1987 *Pycnogonum pusillum*, - ARNAUD, Mesogee, **47**: 51.
- 1990 *Pycnogonum (Retroviger) pusillum*, - STOCK, Zool. Meded., **63** (16): 232.

Distribution: Western Mediterranean; Adriatic Sea; Morocco; Angola; South Africa (False Bay); Cape Verde Islands.

Depth range: 0.5-1200m.

Habitat: *Dictyota dichotoma*; *Cystoseira stricta*, *abrotanifolia* and *barbata*; *Halopteris scoparia*.

Pycnogonum reticulatum HEDGPETH 1948

- 1947 *Pycnogonum* sp., HEDGPETH, Smiths. Misc. Coll., 106 (18): 13, fig. 5c.
- 1948 *Pycnogonum reticulatum* HEDGPETH, Proc. U.S. natn. Mus., **97** (3216): 279-281, fig. 52c-f.
- 1954 *Pycnogonum reticulatum*, - HEDGPETH, Fish Bull. Fish & Wildlife Service U.S., **89** (55): 427.
- 1954 *Pycnogonum reticulatum*, - STOCK, Stud. Fauna Curaçao and other Caribb. Isl., **24**: 129.
- 1968 *Pycnogonum reticulatum*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 62.
- 1975 *Pycnogonum reticulatum*, - STOCK, Bull. mar. Sci., **24** (4): 1085.
- 1979 *Pycnogonum reticulatum*, - CHILD, Smiths. Contr. Zool., **293**: 73.
- 1986 *Pycnogonum reticulatum*, - STOCK, Bull. mar. Sci., **38** (3): 405.

Distribution: Florida; Caribbean coast of Mexico and Panamá; Venezuela; El Salvador and Panamá Pacific.

Depth range: 1.5m.

Habitat: on sponge; on coral.

Pycnogonum rhinoceros LOMAN 1923

- 1923 *Pycnogonum rhinoceros* LOMAN, Ark. Zool., **15** (9): 7-9, fig. A.
 1932 *Pycnogonum rhinoceros*, - GORDON, Discovery Rep., **6**: 125, fig. 71c.
 1935 *Pycnogonum rhinoceros*, - HELFER & SCHLOTTKE, Bronn's Kl. Ordn. Tierreichs, **5**
 (4) (2): 298.
 1969 *Pycnogonum rhinoceros*, - FRY & HEDGPETH, N.Z. Oceanogr. Inst. Mem., **49**: 59-
 61, figs. 86-88.

Distribution: Antarctic (South Georgia, South Shetlands and Weddell Sea).

Depth range: 154-1115m.

Pycnogonum rickettsi SCHMITT 1934

- 1934 *Pycnogonum rickettsi* SCHMITT, J. Wash. Akad. Sci., **24** (1): 62-65, fig. 1a-d.
 1951 *Pycnogonum rickettsi*, - HEDGPETH, Wasmann J. Biol., **9** (1): 116.
 1980 *Pycnogonum rickettsi*, - HOOPER, Aust. Zool., **20** (3): 475.

Distribution: Australia.

Depth range: 0-2.5m.

Habitat: *Sargassum*.

Pycnogonum sivertseni STOCK 1955

- 1955 *Pycnogonum sivertseni* STOCK, Res. Norw. Sci. Exped. Tristan da Cunha 1937-
 1938, **33**: 7-10, figs. 3-5.

Distribution: Tristan da Cunha.

Depth range: 102-141m.

Pycnogonum stearnsi IVES 1892

- 1892 *Pycnogonum stearnsi* IVES, Proc. Acad. Nat. Sci. Philadelphia 1892-1893: 142-
 144, pl. 10.
 1904 *Pycnogonum stearnsi*, - COLE, Harriman Alaska Exped., **10**: 251, 259, 292-294,
 pl. 14, figs. 13-15.
 1913 *Pycnogonum stearnsi*, - HALL, Univ. Calif. Publ. Zool., **11** (6): 133 [key].
 1915 *Pycnogonum stearnsi*, - HILTON, J. Ent. Zool. Pomona College, **7** (1): 69.
 1915 *Pycnogonum stearnsi*, - HILTON, J. Ent. Zool. Pomona College, **7** (3): 202-203,
 205-206.
 1920 *Pycnogonum stearnsi*, - HILTON, J. Ent. Zool. Pomona College, **12** (4): 93.
 1933 *Pycnogonum stearnsi*, - OHSHIMA, Bull. Biogeogr. Soc. Japan, **4**: 147-149, fig.
 2.
 1934 *Pycnogonum stearnsi*, - SCHMITT, J. Wash. Acad. Sci., **24** (1): 69.
 1939 *Pycnogonum stearnsi*, - HILTON, J. Ent. Zool. Pomona College, **31** (2): 34.
 1940 *Pycnogonum stearnsi*, - HEDGPETH, J. Wash. Acad. Sci., **30** (2): 86-87.
 1941 *Pycnogonum stearnsi*, - HEDGPETH, Trans. San Diego Soc. Nat. Hist., **9** (26):
 254 [key], pl. 10 [part.].
 1943 *Pycnogonum stearnsi*, - HILTON, J. Ent. Zool. Pomona College, **35** (2): 19.

- 1949 *Pycnogonum stearnsi*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 307 [text].
- 1951 *Pycnogonum stearnsi*, - HEDGPETH, Wasm. J. Biol., **9** (1): 115-116.
- 1960 *Pycnogonum stearnsi*, - ZIEGLER, The Veliger, **3** (1): 21.
- 1964 *Pycnogonum stearnsi*, - HEDGPETH, in: Intertidal Invertebrates of the Central Calif. Coast: 209 [key].
- 1966 *Pycnogonum stearnsi*, - STOCK, Ann. Inst. Océanogr., **44**: 402 [key].
- 1979 *Pycnogonum stearnsi*, - CHILD, Smiths. Contr. Zool., **293**: 73.

Distribution: Mexico Pacific; California; Kurile Islands.

***Pycnogonum tenue* KISHIDA 1927**

- 1879 *Pycnogonum littorale* var. *tenue* SLATER, Ann. Mag. Nat. Hist., (5) **3** (16): 281-283.
- 1890 *Pycnogonum littorale* var. *tenue*, - ORTMANN, Zool. Jb. Syst., **5** (1): 167.
- 1899 *Pycnogonum littorale* var. *tenue*, - SHISHIDO, Dôzatsu, **11** (128): 200.
- 1919 *Pycnogonum littorale* var. *tenue*, - FUKUI, Rigakukai(?), **16** (2): 99.
- 1927 *Pycnogonum tenue* KISHIDA, in: Nikon Dôbutsu tsaran: 989, fig. 1905.
- 1929 *Pycnogonum littorale* var. *tenue*, - SCHIMKEWITSCH, Fauna SSSR, Izdatel'jstvo Akad. Nauk SSSR, **1**: 15.
- 1936 *Pycnogonum tenue*, - OHSHIMA, Dôbutsugaku Zasshi, **48** (8-10): 867.
- 1947 *Pycnogonum tenue*, - OHSHIMA & KISHIDA, - in: Illustr. Encyclopaedia Fauna Japan: 1010, fig. 2865.
- 1949 *Pycnogonum tenue*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 303-304, fig. 48b, 50c-d.
- 1954 *Pycnogonum tenue*, - STOCK, Vidensk. Medd. dansk naturhist. Foren., **116**: 162.
- 1955 *Pycnogonum tenue*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **5** (1): 36-38, figs. 22-23.
- 1959 *Pycnogonum tenue*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **7** (2): 216.
- 1965 *Pycnogonum tenue*, - UTINOMI, in: New illustr. Encyclopaedia Fauna Japan, **2**: 338.
- 1966 *Pycnogonum tenue*, - STOCK, Ann. Inst. Océanogr. Monaco, **44**: 401.
- 1971 *Pycnogonum tenue*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 338.
- 1983 *Pycnogonum tenue*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 64.
- 1987 *Pycnogonum tenue*, - NAKAMURA, Biol. Lab., Imperial Household: 37.
- 1991 *Pycnogonum tenue*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **512**: 63.

Distribution: Japan; Korea.

Depth range: 27-300m.

Habitat: sand.

***Pycnogonum tessellatum* STOCK 1968**

- 1968 *Pycnogonum tessellatum* STOCK, Vidensk. Medd. dansk naturhist. Foren., **131**: 63-64, fig. 22f-i.

Distribution: Pakistan (Karachi harbour).

***Pycnogonum torresi* CLARK 1963**

- 1963 *Pycnogonum torresi* CLARK, Rec. Austr. Mus., **26** (1): 76-77, fig. 37A-D.

Distribution: Torres Strait (Murray Island).
Depth range: 10-15m.

***Pycnogonum tuberculatum* CLARK 1963**

1963 *Pycnogonum tuberculatum* CLARK, Rec. Austr. Mus., **26** (1): 77-79, fig. 38A-D.

Distribution: Australia.
Depth range: 119-148m.

***Pycnogonum uedai* NAKAMURA & CHILD 1983**

1983 *Pycnogonum uedai* NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 64-66, fig. 21.

1984 *Pycnogonum koreanum* KIM & STOCK, J. nat. Hist., **18**: 685.

1986 *Pycnogonum koreanum*, - KIM & HONG, Kor. J. Syst. Zool., **2** (2): 50.

1987 *Pycnogonum koreanum*, - HONG & KIM, Kor. J. Syst. Zool., **3** (2): 161.

Distribution: Japan.
Depth range: 7-49m.

***Pycnogonum ungelatum* LOMAN 1911**

1911 *Pycnogonum ungelatum* LOMAN, Abh. Kaiserl. Bayr. Akad. Wiss. (Math.-naturwiss. Kl.), Suppl. **2** (4): 7-8, pl. 2, figs. 25-27.

1949 *Pycnogonum ungelatum*, - HEDGPETH, Proc. U.S. natn. Mus., **98** (3231): 304, figs. 48c, 50e-g.

1961 *Pycnogonum ungelatum*, - LOSINA-LOSINSKY, Issledov. Dalnyevost. Morei SSSR, Leningrad, **7**: 111, fig. 27.

1971 *Pycnogonum ungelatum*, - UTINOMI, Publ. Seto Mar. Biol. Lab., **18** (5): 339.

1983 *Pycnogonum ungelatum*, - NAKAMURA & CHILD, Smiths. Contr. Zool., **386**: 66.

Distribution: NW-Pacific; Japan.
Depth range: 7-419m.

RHYNCHOTHORACIDAE

***Rhynchothorax* COSTA 1861**

1966 *Rhynchothorax*, - STOCK, Vie Milieu, **17** (1B): 415 [key to species].

1976 *Rhynchothorax*, - CLARK, J. Roy. Soc. N.Z., **6** (3): 294-295 [key to species].

1979 *Rhynchothorax*, - CHILD, Smiths. Contr. Zool., **293**: 67 [diagnostic features, remarks, key to Middle American species].

***Rhynchothorax alcicornis* KRAPP 1973**

1973 *Rhynchothorax alcicornis* KRAPP, Bull. Zoöl. Mus. Univ. Amsterdam, **3** (17): 120, fig. 1.

- 1976 *Rhynchothorax alpicornis*, - CLARK, J. Roy. Soc. N.Z., **6** (3): 294.
 1979 *Rhynchothorax alpicornis*, - CHILD, Smiths. Contr. Zool., **293**: 67.
 1987 *Rhynchothorax alpicornis*, - ARNAUD, Mesogee, **47**: 47, 54.
 1987 *Rhynchothorax alpicornis*, - ARNAUD & BAMBER, Adv. Mar. Biol., **24**: 32.
 1990 *Rhynchothorax alpicornis*, - ARNAUD & KRAPP, Beaufortia, **41** (1): 1-4, figs. 1-2.

Distribution: Mediterranean.

Depth range: 1-12m.

Habitat: calcareous algae; *Posidonia oceanica* seagrass; sponges and hydroids with sand.

***Rhynchothorax architectus* CHILD 1979**

- 1979 *Rhynchothorax architectus* CHILD, Smiths. Contr. Zool., **293**: 68-72, figs. 23, 24a-g, 25a-e.
 1982 *Rhynchothorax architectus*, - CHILD, Smiths. Contr. mar. Sci., **12**: 374.
 1986 *Rhynchothorax architectus*, - STOCK, Bull. mar. Sci., **38** (3): 405 tab. 1.
 1992 *Rhynchothorax architectus*, - CHILD, Smiths. Contr. Zool., **526**: 33-34.

Distribution: Belize and both sides of the Isthmus of Panamá; Caribbean Sea of Colombia; Galapagos Archipelago.

Depth range: intertidal-3m.

Habitat: between broken rocks and rubble.

***Rhynchothorax arenicolus* STOCK 1989**

- 1989 *Rhynchothorax arenicolus* STOCK, Bijdr. Dierk., **59** (2): 92-95, figs. 19-30.

Distribution: Curaçao.

Habitat: coarse sand of rockpool.

***Rhynchothorax articulatus* STOCK 1968**

- 1968 *Rhynchothorax articulatus* STOCK, Vidensk. Meddr. dansk naturhist. Foren, **131**: 18-20, fig. 5a-f.
 1970 *Rhynchothorax articulatus*, - ZAGO, Contr. Avuls. Inst. oceanogr. Univ. S. Paulo, sér. Ocean. Biol., **21**: 3.
 1972 *Rhynchothorax articulatus*, - ARNAUD, Tethys, **3** (2): 408.
 1973 *Rhynchothorax articulatus*, - KRAPP, Bull. Zoöl. Mus. Univ. Amsterdam, **3** (17): 121, 123.
 1976 *Rhynchothorax articulatus*, - CLARK, J. Roy. Soc. N.Z., **6** (3): 287-292, figs. 2-9, 10-11.

Distribution: New Zealand.

Depth range: 146-500m.

Habitat: clay and sand.

***Rhynchothorax australis* HODGSON 1907**

- 1907 *Rhynchothorax australis* HODGSON, Rep. National Antarctic Exp. 1901-1904,

- Nat. Hist., **3**: .., Pl. 8.
- 1915 *Rhynchothorax australis*, - CALMAN, Rep. Brit. Antarct. "Terra Nova" Exped., Zool., **3**: 67-68, fig. 21.
- 1938 *Rhynchothorax australis*, - HELFER, Sitz.-Ber. naturf. Freunde Berlin: 182.
- 1944 *Rhynchothorax australis*, - GORDON, Rep. Brit., Austr. and N.Z. Antarct. Res. Exped., (B), **5** (1): 67-68.
- 1950 *Rhynchothorax australis*, - HEDGPETH, Proc. U.S. natn. Mus., **100** (3260): 155.
- 1966 *Rhynchothorax australis*, - STOCK, Vie et Milieu, **17** (1B): 415.
- 1970 *Rhynchothorax australis*, - ZAGO, Contr. Avuls. Inst. oceanogr. Univ. S. Paulo, sér. Ocean. Biol., 21: 3.
- 1972 *Rhynchothorax australis*, - ARNAUD, Tethys, **3** (2): 408.
- 1973 *Rhynchothorax australis*, - KRAPP, Bull. Zool. Mus. Univ. Amsterdam, **3** (17): 121.
- 1976 *Rhynchothorax australis*, - CLARK, J. Roy. Soc. N.Z., **6** (3): 295.

Distribution: Kerguelen Islands; Antarctica (off Wilkes Land to Ross Sea).

Depth range: 275m.

***Rhynchothorax barnardi* CHILD & HEDGPETH 1971**

- 1971 *Rhynchothorax barnardi* CHILD & HEDGPETH, J. nat. Hist., **5**: 626-628, fig. 7.
- 1973 *Rhynchothorax barnardi*, - KRAPP, Bull. Zool. Mus. Univ. Amsterdam, **3** (17): 121.
- 1976 *Rhynchothorax barnardi*, - CLARK, J. Roy. Soc. N.Z., **6** (3): 295.
- 1992 *Rhynchothorax barnardi*, - CHILD, Smiths. Contr. Zool., **526**: 34-35, fig. 14.

Distribution: Galápagos Archipelago.

Depth range: intertidal-9m.

Habitat: rocks.

***Rhynchothorax crenatus* CHILD 1982**

- 1982 *Rhynchothorax crenatus* CHILD, Smiths. Contr. mar. Sci., **12**: 374-376, fig. 167.
- 1986 *Rhynchothorax crenatus*, - STOCK, Bull. mar. Sci., **38** (3): 405 tab. 1.

Distribution: Belize (Carrie Bow Cay).

Depth range: 27m.

Habitat: coral sand and rubble in sand.

***Rhynchothorax malaccensis* STOCK 1968**

- 1968 *Rhynchothorax malaccensis* STOCK, Vidensk. Meddr. dansk. naturh. Foren., **131**: 20-22, fig. 6.
- 1970 *Rhynchothorax malaccensis*, - ZAGO, Contr. Avuls. Inst. oceanogr. Univ. S. Paulo, sér. Ocean. Biol., 21: 3.
- 1972 *Rhynchothorax malaccensis*, - ARNAUD, Tethys, **3** (2): 408.
- 1973 *Rhynchothorax malaccensis*, - KRAPP, Bull. Zool. Mus. Univ. Amsterdam, **3** (17): 121.
- 1976 *Rhynchothorax malaccensis*, - CLARK, J. Roy. Soc. N.Z., **6** (3): 295.

Distribution: Malacca Straits.
Depth range: 77m.

***Rhynchothorax mediterraneus* COSTA 1861**

- 1861 *Rhynchothorax mediterraneus* COSTA, Microdoride mediterranea, o descr. de'poco ben conosc. od affato ignoti viventi, etc.: 8-9, pl. 1.
 1881 *Rhynchothorax mediterraneus*, - DOHRN, Monogr. Fauna Flora Golf Neapel, **3**: 211-215, pl. 17, figs. 1-9.
 1909 *Rhynchothorax mediterraneus*, - d'ARCY THOMPSON, in: HARMER & SHIPLEY (Eds.) The Cambridge Nat. Hist.: 535, fig. 284.
 1951 *Rhynchothorax mediterraneus*, - HEDGPETH, Wasman J. Biol., **9** (1): 114.
 1963 *Rhynchothorax mediterraneus*, - ZILBERBERG, Bolm. Inst. Oceanogr. Univ. S. Paulo, **13** (2): 21.
 1966 *Rhynchothorax mediterraneus*, - FAGE & STOCK, Ann. Inst. Océanogr. Monaco, **44**: 325.
 1966 *Rhynchothorax mediterraneus*, - STOCK, Vie et Milieu, **17** (1B): 415.
 1970 *Rhynchothorax mediterraneus*, - ZAGO, Contr. Avuls. Inst. Océanogr. Univ. S. Paulo, **21**: 1.
 1972 *Rhynchothorax mediterraneus*, - ARNAUD, Téthys, **3** (2): 121 [key].
 1973 *Rhynchothorax mediterraneus*, - KRAPP, Bull. Zoöl. Mus. Univ. Amsterdam, **3** (17): 121.
 1974 *Rhynchothorax mediterraneus*, - STOCK, Bull. Zoöl. Mus. Univ. Amsterdam, **4** (3): 15-16, fig. 4.
 1976 *Rhynchothorax mediterraneus*, - ARNAUD, Acta Ecol. Iranica, **I**: 70.
 1976 *Rhynchothorax mediterraneus*, - CLARK, J. Roy. Soc. N.Z., **6** (3): 293, 295.
 1987 *Rhynchothorax mediterraneus*, - ARNAUD, Mesogee, **47**: 47-48.
 1987 *Rhynchothorax mediterraneus*, - STOCK, Cah. Biol. Mar., **28**: 507.
 1988 *Rhynchothorax mediterraneus*, - CHILD, Bull. Biol. Soc. Wash., **8**: 56.
 1990 *Rhynchothorax mediterraneus*, - ARNAUD & KRAPP, Beaufortia, **41** (1): 4.
 1992 *Rhynchothorax mediterraneus*, - STOCK, Tijdschr. Ent., **135**: 135-136, 139.

Distribution: Mediterranean; Straits of Gibraltar; southern Brazil; Madagascar.

Depth range: 1-?1100m.

Habitat: "une espèce des fonds détriques et des fonds concrétionnement coralligène" (ARNAUD, 1987).

***Rhynchothorax monnioti* ARNAUD 1974**

- 1974 *Rhynchothorax monnioti* ARNAUD, Bull. Zoöl. Mus. Univ. Amsterdam, **3** (21): 171-172, figs. 1-5.
 1976 *Rhynchothorax monnioti*, - CLARK, J. Roy. Soc. N.Z., **6** (3): 295.
 1987 *Rhynchothorax monnioti*, - ARNAUD, Mesogee, **47**: 48.
 1990 *Rhynchothorax monnioti*, - ARNAUD & KRAPP, Beaufortia, **41** (1): 4-5.

Distribution: Mediterranean; Canary Islands.

Depth range: 15-62m.

Habitat: coralline algae.

***Rhynchothorax orientalis* CHILD 1988**

- 1988 *Rhynchothorax orientalis* CHILD, *Smiths. Contr. Zool.*, **468**: 28-29, fig. 12.
 1991 *Rhynchothorax orientalis*, - STOCK, *Mém. Mus. natn. Hist. nat. (A)*, **151**: 227.

Distribution: Philippines.

Depth range: 1-97m.

***Rhynchothorax percivali* CLARK 1976**

- 1976 *Rhynchothorax percivali* CLARK, *J. Roy. Soc. N.Z.*, **6** (3): 292-294, figs. 1, 12-21.
 1988 *Rhynchothorax percivali*, - CHILD, *Smiths. Contr. Zool.*, **468**: 28.

Distribution: New Zealand.

Depth range: littoral.

Habitat: rockpools.

***Rhynchothorax philopsammum* HEDGPETH 1951**

- 1951 *Rhynchothorax philopsammum* HEDGPETH, *Wasmann J. Biol.*, **9** (1): 111-115, pl. 3.
 1966 *Rhynchothorax philopsammum*, - STOCK, *Viet et Milieu*, **17** (1B): 415 [key].
 1970 *Rhynchothorax philopsammum*, - ZAGO, *Contr. Avuls. Inst. oceanogr. Univ. S. Paulo, sér. Ocean. Biol.*, **21**: 3 [key].
 1972 *Rhynchothorax anophthalmus* ARNAUD, *Tethys*, **3** (2): 405-409, figs. 1-7.
 1973 *Rhynchothorax anophthalmus*, - KRAPP, *Bull. Zool. Mus. Univ. Amsterdam*, **3** (17): 121 [key].
 1972 *Rhynchothorax philopsammum*, - KRAPP, *Tethys*, **3** (2): 406.
 1973 *Rhynchothorax philopsammum*, - KRAPP, *Bull. Zool. Mus. Univ. Amsterdam*, **3** (17): 121.
 1974 *Rhynchothorax anophthalmus*, - ARNAUD, *Bull. Zoöl. Mus. Univ. Amsterdam*, **3** (21): 172-173, figs. 6-7.
 1976 *Rhynchothorax anophthalmus*, - CLARK, *J. Roy. Soc. N.Z.*, **6** (3): 295 [key].
 1976 *Rhynchothorax philopsammum*, - CLARK, *J. Roy. Soc. N.Z.*, **6** (3): 295.
 1979 *Rhynchothorax philopsammum*, - CHILD, *Smiths. Contr. Zool.*, **293**: 67, 72, fig. 24h.
 1987 *Rhynchothorax anophthalmus*, - ARNAUD, *Mesogee*, **47**: 47.
 1987 *Rhynchothorax anophthalmus*, - ARNAUD & BAMBER, *Adv. Mar. Biol.*, **24**: 32.
 1990 *Rhynchothorax philopsammum*, - CHILD, *Proc. biol. Soc. Wash.*, **103** (2): 311.
 1990 *Rhynchothorax philopsammum*, - ARNAUD & KRAPP, *Beaufortia*, **41** (1): 5.
 1990 *Rhynchothorax philopsammum*, - MÜLLER, *Senckenbergiana biol.*, **70**(1989) (1/3): 197.

Distribution: California; Pacific Coast of Mexico; Bora Bora, Society Islands; Caribbean Sea of Colombia.

Depth range: 0-77m.

Habitat: sand and gravel; dead coral substratum.

***Rhynchothorax tiaharensis* MÜLLER 1889**

- 1989 *Rhynchothorax tiaharensis* MÜLLER, *Bonn. zool. Beitr.*, **40** (2): 127-128, figs. 58-62.

Distribution: Society Islands (Moorea).
Depth range: 0.5-1m.
Habitat: dead corals on barrier reef.

Rhynchothorax unicornis FAGE & STOCK 1966

- 1966 *Rhynchothorax unicornis* FAGE & STOCK, Ann. Inst. Océanogr., **44**: 324-326, fig. 4.
 1966 *Rhynchothorax unicornis*, - STOCK, Viet et Milieu, **17** (1B): 415.
 1970 *Rhynchothorax unicornis*, - ZAGO, Contr. Avuls. Inst. oceanogr. Univ. S. Paulo, sér. Ocean. Biol., **21**: 3.
 1972 *Rhynchothorax unicornis*, - ARNAUD, Tethys, **3** (2): 408.
 1973 *Rhynchothorax unicornis*, - KRAPP, Bull. Zool. Mus. Univ. Amsterdam, **3** (17): 121.
 1976 *Rhynchothorax unicornis*, - CLARK, J. Roy. Soc. N.Z., **6** (3): 295.

Distribution: Cape Verde Islands.
Depth range: 40m.
Habitat: on rocks.

Rhynchothorax vallatus CHILD 1990

- 1990 *Rhynchothorax vallatus* CHILD, Proc. biol. Soc. Wash., **103** (2): 333-334, fig. 7.

Distribution: Australia (Lizard Island).
Depth range: 2m.
Habitat: coral reef rubble.

Rhynchothorax voxorinum STOCK 1966

- 1966 *Rhynchothorax voxorinum* STOCK, Vie Milieu, **17** (1B): 412-415, fig. 3a-e.
 1970 *Rhynchothorax voxorinum*, - ZAGO, Contr. Avuls. Inst. oceanogr. Univ. S. Paulo, sér. Ocean. Biol., **21**: 3.
 1972 *Rhynchothorax voxorinus*, - ARNAUD, Tethys, **3** (2): 406.
 1973 *Rhynchothorax voxorinus*, - KRAPP, Bull. Zool. Mus. Univ. Amsterdam, **3** (17): 121.
 1987 *Rhynchothorax voxorinum*, - ARNAUD, Mesogee, **47**: 48.
 1990 *Rhynchothorax voxorinum*, - STOCK, Beaufortia, **41** (1): 5.
 1990 *Rhynchothorax voxorinum*, - ARNAUD & KRAPP, Beaufortia, **41** (1): 5.

Distribution: Mediterranean.
Depth range: 10-18m.
Habitat: in crevices or endopsammic.

BIBLIOGRAPHY OF THE RECENT PYCNOGONIDA

This bibliography lists in alphabetic order the publications on pycnogonids.

For your convenience to find articles reporting on different subjects I included several keywords for the most important publications, which can be used in the search-function of Word Perfect:

alimentary system
anatomy - for papers reporting on organs of Pycnogonida, functional morphology, or histology.
bivalve host
bryozoan host
circulatory system
cytology
development
echinoderm host
ecology - different kind of ecological aspects.
embryology
feeding - the food of pycnogonids.
gastropod host
genital system
gland
gynandromorph
hormones
hydroid host
mollusca host
musculature
nervous system
optical sense
physiology
pollution - runs to all different kind of pollution.
polychaete host
reproduction
respiration

When you are searching for a certain genus or species in PYCNO.LIT typewrite the name without author and year. Be sure to run with the search function through the complete bibliography and check the synonyms in the systematic index PYCNO.CAT, because older names may exist in the references.

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