

TYPES OF STOMATOPOD CRUSTACEANS IN THE ZOOLOGICAL SURVEY OF INDIA

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Abstract.—A list of the types of stomatopod crustaceans in the Zoological Survey of India is presented. This historically important collection includes type specimens of 42 species, including primary types (holotype, lectotype, or syntype) of 36 species.

The collection of types of stomatopod crustaceans held by the Zoological Survey of India forms comprises the most important collection of types of Indo-West Pacific species in the world, with no less than 42 species, or about 10% of the known stomatopods, represented in the collection by type specimens. The collection is based largely on material reported on by James Wood-Mason and Stanley W. Kemp between 1875 and 1921, supplemented by a few additions since then. Kemp prepared the first major regional monograph of the stomatopods, and his work remains today as an essential tool for anyone studying the group.

Species are first listed alphabetically under their original combination. Then species are listed by current names, cross-referenced to the original combination.

The following information is included under each species represented in the collection: catalogue number, location, date, collector or source of material, and number of specimens. Condition of material is good unless otherwise specified.

For some localities, coordinates or alternate spellings, taken from gazetteers of the U.S. Board on Geographic Names, have been added; these always are given in square brackets. Where possible we have added station data from "Biological collections of the R.I.M.S. "*Investigator*." List of stations 1884-1913." Pages 1-35. Indian Museum, Calcutta. 1914. Station data that we have added also is given in square brackets.

Under each species, the material is listed in the same order as listed by Kemp (1913).

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STOMATOPOD TYPES IN THE ZOOLOGICAL SURVEY OF INDIA, CALCUTTA

(Listed alphabetically under
original combination)

Chorisquilla andamanica Manning, 1975

Chorisquilla andamanica Manning, 1975:
258, fig. 3 [= *Chorisquilla excavata* (Miers,
1880)].

Holotype.—9177/6, off Andaman Islands [12°30'N, 92°45'E], India, 20 fm (=37 m), *Investigator*, 1 male.

Paratypes.—9177/6, off Andaman Islands, 20 fm (=37 m), *Investigator*, 4 females (one specimen broken in middle).—9850-3/6, off Little Andaman Island [10°45'N, 92°30'E], 10.5 fm (=19 m), *Investigator*, 1 male, 3 females.—9846-9/6, off Table Island [14°12'N, 93°22'E], Coco Group, Andaman Islands, 5 fm (=9 m), *Investigator*, 1 male, 3 females.

Clorida decorata Wood-Mason, 1875

Clorida decorata Wood-Mason, 1875:231.

Holotype.—3086/5, Andaman Islands [12°30'N, 92°45'E], India, J. Wood-Mason, 1 female (delicate, broken).

Remarks.—Kemp (1913) gave Port Blair as the type locality.

Coronis spinosa Wood-Mason, 1875

Coronis spinosa Wood-Mason, 1875:232 [= *Heterosquilla tricarinata* (Claus, 1871)].

Lectotype (selected by Holthuis 1967: 11).—3052/5, Port Blair [11°36'N, 92°45'E], Andaman Islands, India, J. Wood-Mason, 1 female (very delicate, dactylus missing).

Paralectotype.—3053/5, Dunedin [45°52'S, 170°30'E], New Zealand, Capt. F. W. Hut-ton, 1 female.

Remarks.—This is a cold water species known to be common in New Zealand; the specimen from the Andaman Islands may have been labelled incorrectly.

Gonodactylus chiragra var. *platysoma*
Wood-Mason, 1895

Gonodactylus chiragra var. *platysoma*
Wood-Mason, 1895:11, pl. 3, figs. 3–9)
[= *Gonodactylus platysoma* Wood-Ma-
son, 1895].

Lectotype.—3033/5, Society Islands, Otago Museum, 1 female.

Paralectotypes.—3039/5, Mauritius [20°18'S, 57°35'E], purchased, 2 females.

Remarks.—Although Kemp (1913:163) considered three specimens from Port Blair, Andamans, to be the types, Wood-Mason did not mention these specimens or material from the Andamans in his original account. The female from the Society Islands is here selected as the lectotype.

Gonodactylus choprai Manning, 1967

Gonodactylus choprai Manning, 1967:16, fig. 6.

Paratypes.—C 1334/2, Indian Ocean, off Somali coast, 9°36'N, 51°01'E, 78–82 m, 16 Dec 1964, International Indian Ocean Expedition, *Anton Bruun* sta 9-444, exchange from Smithsonian Institution, 1 male, 1 female.

Gonodactylus furcicaudatus Miers, 1880

Gonodactylus furcicaudatus Miers, 1880: 124, pl. 3, figs. 13–16 [= *Mesacturus furcicaudatus* (Miers, 1880)].

Syntype.—7225/10, type locality unknown, H.M.S. *Alert*, exchange from British Museum (Natural History), 1 male.

Gonodactylus glyptocercus
Wood-Mason, 1875

Gonodactylus glyptocercus Wood-Mason, 1875:232 [= *Haptosquilla glyptocercus* (Wood-Mason, 1875)].

Holotype.—3038/5, Nicobar Islands [8°00'N, 93°30'E], India, S. Kurz, 1 female.

Gonodactylus lanchesteri Manning, 1967

Gonodactylus lanchesteri Manning, 1967:11, fig. 4.

Paratype.—C 1337/2, Junghi Bay, Ibo Archipelago [12°20'S, 40°36'E], Mozambique, 5–18 fm (=9–33 m), A. Patience, exchange from Smithsonian Institution, 1 female.

Gonodactylus nefandus Kemp, 1911

Gonodactylus nefandus Kemp, 1911:93 [= *Haptosquilla nefanda* (Kemp, 1911)].

Syntypes.—3045/5, Andaman Islands [12°30'N, 92°45'E], India, J. Wood-Mason, 6 males, 16 females.—3040/5, same data, 1 female.—9025/6, same data, 20 fm (=37 m), *Investigator*, 1 female.—2825–6/7, Port Blair [11°36'N, 92°45'E], Andaman Islands, G. H. Booley, 2 males.—2546/3, Cheduba [Cheduba Island = 18°48'N, 93°38'E], Arakan coast, Burma, 7 fm (=13 m), *Investigator*, 3 females.

Gonodactylus proximus Kemp, 1915

Gonodactylus proximus Kemp, 1915:183, pl. 1, figs. 9, 10 [= *Haptosquilla proxima* (Kemp, 1915)].

Syntypes.—9296/10, Port Galera [Puerto Galera = 13°30'N, 120°57'E], Mindoro, Philippine Islands, Philippine Bureau of Science, 1 male, 1 female.

Lophosquilla tiwarii Blumstein, 1974

Squilla costata.—Kemp, 1913:84 [specimen from Burmese coast only]. [Not *Squilla costata* De Haan, 1844.]

Squilla sp. prox. *costata*.—Tiwari & Biswas, 1952:354, fig. 2.

Lophosquilla tiwarii Blumstein, 1974:123, fig. 8.

Paratype.—C 332/1, 4 miles NNE of Kabusa Island [Kabosa Island = 12°49'N, 97°53'E], Mergui Archipelago, Burma, *Investigator* [? sta 550, 33 fm (=60 m), 22 Oct 1913], 1 female.

Remarks.—This specimen from the Mergui Archipelago is a paratype of Blumstein's species, as she referred to the accounts of both Kemp and Tiwari & Biswas in her original description.

Lysiosquilla insignis Kemp, 1911

Lysiosquilla insignis Kemp, 1911:94 [= *Heterosquilloides insignis* (Kemp, 1911)].

Holotype.—7568/10, off North Andaman Island, India, 14°27'N, 93°50'E, 235 fm (=430 m), 19 Apr 1907, *Investigator* sta 375, 1 male (condition delicate, dactylus missing).

Remarks.—Kemp (1913) gave 50°7'N, 79°7'E as the coordinates for the *Investigator* station at which this species was taken. His coordinates apparently are in error.

Lysiosquilla maculata var. *sulcirostris*
Kemp, 1913

Lysiosquilla maculata var. *sulcirostris* Kemp, 1913:116, pl. 8, figs. 92, 93 [= *Lysiosquilla sulcirostris* Kemp, 1913].

Holotype.—7564/10, Andaman Islands [12°30'N, 92°45'E], Homfray and Tytler, 1 male.

Lysiosquilla multifasciata
Wood-Mason, 1895

Lysiosquilla multifasciata Wood-Mason, 1895:1, pl. 1, figs. 4–7 [= *Acanthosquilla multifasciata* (Wood-Mason, 1895)].

Holotype.—3342/7, Bombay [18°58'N, 72°50'E], India, Bombay Natural History Society, 1 female (both dactyli missing).

Manningia andamanensis Ghosh, 1975

Manningia andamanensis Ghosh, 1975:33, fig. 1.

Holotype.—C 1268/2, Aerial Bay Rock Reef, Diglipur, North Andaman Island [13°15'N, 92°55'E], India, 22 Feb 1970, A. G. K. Menon, 1 female.

Odontodactylus southwelli Kemp, 1911

Odontodactylus southwelli Kemp, 1911:94 [= *Odontodactylus brevisrostris* (Miers, 1884)].

Syntypes.—3526/10, Andaman Islands [12°30'N, 92°45'E], India, *Investigator*, 1 female.—3502/10, Andaman Islands, 53 fm (=97 m), *Investigator*, 1 male, 1 female.—9751/6, off Cinque Island, Andaman Islands, 20 fm (=37 m), *Investigator*, 1 female.—9747/6, off Interview Island [12°55'N, 92°43'E], Andaman Islands, *Investigator*, 1 male.—7313/10, N. Cheval Paar [Cheval Bank = 08°40'N, 79°46'E], Ceylon [=Sri Lanka], 1 female.

Remarks.—Although Kemp (1913) considered the specimens from lot 3526/10 as the types, in his original description he did not specify a holotype. All of the specimens assigned to this species by him in 1913 appear to be syntypes.

Oratosquilla hindustanica Manning, 1978

Oratosquilla hindustanica Manning, 1978: 15, figs. 7, 15e.

Holotype.—7037–41/10, Tuticorin [8°47'N, 78°08'E], Madras, Gulf of Manaar, South India, J. Hornell leg., 1 male.

Paratypes.—ex. 7037–41/10, same data, 12 males, 17 females.

Remarks.—These specimens also are paralectotypes of *Squilla oratoria* var. *perpensa* Kemp, 1911 (see Manning 1978: 15,16).

Oratosquilla pentadactyla Manning, 1978

Oratosquilla pentadactyla Manning, 1978: 19, fig. 10.

Paratype.—8107/10, Kilakarai [9°14'S, 78°47'E], Ramnad District, India, from fishermen's nets, 17 Feb 1913, S.W. Kemp, 1 male.

Oratosquilla subtilis Manning, 1978

Oratosquilla subtilis Manning, 1978:33, fig. 19.

Holotype.—7536/10, off Vizagapatam coast [Visakhapatnam = 7°42'N, 83°18'E], Madras, India, 20 fm (=37 m), *Investigator*, 1 female.

Paratypes.—ex. 320/1, off Kabusa Island [Kabosa Island = 12°49'N, 97°53'E], lower Burma, 25–35 fm (=46–64 m), *Investigator*, 1 male, 1 female.

Remarks.—The holotype is also a syntype of *Squilla gonypetes* Kemp, 1911.

Squilla annandalei Kemp, 1911

Squilla annandalei Kemp, 1911:99 [= *Harpisquilla annandalei* (Kemp, 1911)].

Syntypes.—7563/10, Gulf of Martaban, Burma, 14°46'N, 95°52'E, 61 fm (=112 m), 7 Mar 1901, *Investigator* sta 328, 1 female.—1748/10, same area, 14°26'N, 96°23'E, 67 fm (=123 m), *Investigator* [sta 226, 24 Mar 1897], 1 male.—1749/10, same area, 14°38'12"N, 96°24'30"E, 53 fm (=97 m), *Investigator* [sta 225, 14°38'15"N, 96°24'30"E, 24 Mar 1897], 1 female.

Remarks.—As Kemp (1911) did not designate a holotype in the original description of this species, but did mention that he had

studied four specimens, all of the four specimens reported by him in 1913 must be considered to be syntypes, in spite of his suggestion in 1913 that the type was the female from 7563/10.

Squilla bengalensis

Tiwari & Biswas, 1952

Squilla bengalensis Tiwari & Biswas, 1952: 352, fig. 1b, c [= *Cloridopsis bengalensis* (Tiwari & Biswas, 1952)].

Holotype.—C 3013/1, Salt Lakes, Lower Bengal, India, T. N. Poddar, 1 male.

Paratype.—C 3014/1, Piali River, Uttarbhag, Lower Bengal, India, 23 May 1934, S.L. Hora, 1 male.

Squilla boopis Kemp, 1911

Squilla boopis Kemp, 1911:97 [= *Busquilla quadraticauda* (Fukuda, 1911)].

Holotype.—1710/10, Gulf of Martaban, Burma, 14°26'N, 96°23'E, 67 fm (=123 m), *Investigator* [sta 226, 24 Mar 1897], 1 female.

Squilla bombayensis

Chhapgar & Sane, 1967

Squilla bombayensis Chhapgar & Sane, 1967:1, fig. 1 [= *Clorida bombayensis* (Chhapgar & Sane, 1967)].

Holotype.—C 4621/1, Bombay [18°58'N, 72°50'E], India, intertidal water, 19 Apr 1963, S. R. Sane, 1 female.

Squilla brasiliensis Calman, 1917

Squilla brasiliensis Calman, 1917:139, figs. 1–3.

Paratype.—C 243/1, Atlantic Ocean, near Cabo Frio, Brazil, 22°56'S, 41°34'W, 40 fm (=73 m), 2 May 1913, *Terra Nova* sta 42, exchange from British Museum (Natural History), 1 male.

Squilla denticauda Chhappgar & Sane, 1967

Squilla denticauda Chhappgar & Sane, 1967: 4, fig. 2 [= *Clorida denticauda* (Chhappgar & Sane, 1967)].

Holotype.—C 4622/1, Bombay [18°58'N, 72°50'E], India, intertidal water, 17 Jan 1963, B. F. Chhappgar, 1 male.

Squilla foveolata Wood-Mason, 1895

Squilla foveolata Wood-Mason, 1895:2, pl. 2, fig. 1 [= *Dictyosquilla foveolata* (Wood-Mason, 1895)].

Syntypes.—3332/9, Hong Kong [Hong Kong Island = 22°15'N, 114°11'E], G. Dennys, 1 male, 4 females.

Squilla gilesi Kemp, 1911

Squilla gilesi Kemp, 1911:95 [= *Lenisquilla gilesi* (Kemp, 1911)].

Syntypes.—7514–18/10, off Madras coast, India, 14°18'15"N, 80°18'30"E, 88–110 fm (=161–201 m), *Investigator* [sta 154, 3 Jan 1894], 1 male, 3 females.—488/10, Madras coast, India, *Investigator*, 1 male.—5800/9, off Orissa coast, India, 19°49'N, 86°43'E, *Investigator*, 1 female.—3077/5, northeast Bay of Bengal, 20°18'N, 90°50'E, 65 fm (=119 m), *Investigator*, 4 males.—7519/10, Persian Gulf, 26°20'30"N, 54°52'30"E, 35 fm (=64 m), *Investigator* [sta 345, 20 Oct 1904], 1 female.

Squilla gonypetes Kemp, 1911

Squilla gonypetes Kemp, 1911:96 [= *Ora-tosquilla gonypetes* (Kemp, 1911)].

Lectotype (selected by Manning 1978: 13).—3359/7, off Cheduba [Cheduba Island = 18°48'N, 93°38'E], Arakan coast, Burma, 7 fm (=13 m), *Investigator*, 1 male.

Paralectotypes.—3476/10, off Andaman Islands [12°30'N, 92°45'E], India, 60 fm (=110 m), *Investigator*, 1 male, 1 female.—4421/10, Persian Gulf, 26°24'N, 56°02'E,

47 fm (=86 m), *Investigator* [? sta 296, 26°4'N, 56°2'E, 12 Apr 1902], 1 female.

Remarks.—The latitude for this station may have been cited erroneously by Kemp.

Squilla hieroglyphica Kemp, 1911

Squilla hieroglyphica Kemp, 1911:96 [= *Alima hieroglyphica* (Kemp, 1911)].

Holotype.—7327/10, type locality unknown, 1 female.

Squilla holoschista Kemp, 1911

Squilla holoschista Kemp, 1911:97 [= *Ora-tosquilla holoschista* (Kemp, 1911)].

Syntypes.—7926/9, Sandheads, Ganges delta, India, A. J. Milner, 1 male.—7301/10, Puri [19°48'N, 85°51'E], Orissa coast, India, N. Annandale, F. H. Gravely, and S. W. Kemp, 6 males, 2 females.—3147/5, Madras, Madras Museum, 7 males, 12 females.—7445–50/10, Cuddalore [11°45'N, 79°45'E] and Porto Novo [11°29'N, 79°46'E], south India, T. H. Hill, 7 males, 13 females.—3062/5, Ceylon [= Sri Lanka], Colombo Museum, 1 male, 2 females (specimens completely fragmented).

Remarks.—Although Kemp (1913) reported that the large lot from Madras (3147/5) were types, apparently all of the specimens reported by him are syntypes. In his original account (1911:98) he remarked that "In all, several hundreds of specimens have been examined."

Squilla interrupta Kemp, 1911

Squilla interrupta Kemp, 1911:98 [= *Ora-tosquilla interrupta* (Kemp, 1911)].

Syntypes.—9827–8/6, Hong Kong [Hong Kong Island = 22°15'N, 114°11'E], Hong Kong Museum, 1 male, 1 female.—3329/9, same locality, G. Dennys, 3 males, 3 females.—4743–5/9, Singapore? [1°17'N, 103°51'E], Malaysia, Raffles Museum, 3 males.—3095/5, Camorta [Camorta Island

= 8°08'N, 93°30'E], Nicobar Islands, India, F. Stoliczka, 1 female.—3094/5, Akyab [20°09'N, 92°54'E], Arakan coast, Burma, W. Dodgson, 1 female.—7982–91/9, Sandheads, Hughli delta, India, Commissioners of H. M. Pilot Brigs., 5 males, 5 females.—1284–6/7, same data, 2 males, 1 female.—7783/10, Ghapa Natta, Mutlah River, near Calcutta, India, S. B. Nath, 1 male.—7268–74/10, mouth of River Hughli, India, J. Munro, 5 males, 5 females.—3080/5, off Mutlah Light, Hughli River, India, G. M. Giles, 1 male.—8043/10, Puri [19°48'N, 85°51'E], Orissa coast, India, F. H. Gravely, 1 male, 1 female.—3335–7/7, off Ganjam coast, Madras, India, 7 fm (=13 m), *Investigator*, 3 males.—5830/9, off Vizagapatam coast, Madras, India, 7.5–9 fm (=14–16 m), *Investigator* [? sta 87, 10 Feb 1890], 1 male.—7557/6, 7559/9, Bombay [18°58'N, 72°50'E], India, Bombay Natural History Society, 4 males, 14 females.—7272–8/10, Panvel Creek, Bombay, India, J. Caunter, 2 males, 4 females.—7004/10, Karachi? [24°52'N, 67°03'E], Pakistan, Karachi Museum, 1 male, 1 female.—3047/5, 3067/5, Arabian Sea, Karachi Museum and A. O. Hume, 4 males, 4 females.—647/10, Persian Gulf, F. H. Townsend, 1 female.—7282–3/10, Persian Gulf, F. H. Townsend, 1 female.—7282–3/10, Persian Gulf, 29°20'N, 48°47'E, 13 fm (=24 m), *Investigator* [sta 352, 19 Nov 1905], 2 males.—7279–81/10, same area, 28°59'N, 50°5'E, 25 fm (=46 m), *Investigator* [sta 349, 8 Oct 1905], 2 males, 1 female.

Remarks.—Kemp (1911:99) remarked that he had examined “very numerous specimens.” Apparently all of the specimens listed by him in 1913 are syntypes, although in 1913 he considered the specimens from lot 7982–91/9 as types.

Squilla investigatoris Lloyd, 1907

Squilla investigatoris Lloyd, 1907:7, 10 [= *Natosquilla investigatoris* (Lloyd, 1907)].

Syntypes.—5354–65/10, Arabian Sea, off

the southeast coast of Arabia, 15°8'30"N, 51°52'15"E, 110 fm (=201 m), sandy mud, *Investigator* sta 364, 27 Mar 1906, 9 males, 5 females.

Squilla lirata Kemp & Chopra, 1921

Squilla lirata Kemp & Chopra, 1921:303, figs. 3, 4 [= *Lophosquilla lirata* (Kemp & Chopra, 1921)].

Syntypes.—C 306/1, Singapore [1°17'N, 103°51'E], Malaysia, Capt. Hutcheson leg., 1 male, 1 female.

Squilla mauritiana Kemp, 1913

Squilla mauritiana Kemp, 1913:66 [in synonymy], 68 [= *Oratosquilla mauritiana* (Kemp, 1913)].

Syntypes.—4269/4, Mauritius [20°18'S, 57°35'E], purchased, 1 male, 1 female (badly mutilated).

Squilla merguensis Tiwari & Biswas, 1952

Squilla merguensis Tiwari & Biswas, 1952: 350, fig. 1a [= *Clorida merguensis* (Tiwari & Biswas, 1952)].

Holotype.—C 302/1, 4 miles NNE of Kabusa Island, Burma, 33 fm (=60 m), *Investigator* [sta 550, 12°52'N, 97°54'E, 22 Oct 1913], 1 male.

Squilla mikado Kemp & Chopra, 1921

Squilla mikado Kemp & Chopra, 1921:301, fig. 2 [= *Kempina mikado* (Kemp & Chopra, 1921)].

Holotype.—7685/10, Misaki [Misaki Harbor = 33°23'N, 132°07'E], Shikoku Island, Japan, A. Owston leg., 1 male.

Paratype.—C 304/1, Misaki, Japan, K. Aoki leg., 1 male.

Squilla oratoria var. *perpensa*
Kemp, 1911

Squilla oratoria var. *perpensa* Kemp, 1911: 98 [= *Oratosquilla perpensa* (Kemp, 1911)].

Lectotype (selected by Manning, 1978: 23).—ex. 4851-72/9, Hong Kong [Hong Kong Island = 22°15'N, 114°11'E], G. Denys leg., 1 female.

Paralectotypes.—4851-72/9, 6728/10, data same, 13 males, 16 females.—9817-20/6, Hong Kong, Hong Kong Museum, 1 male, 5 females.—8179/7, Mergui Archipelago, Burma, museum collector, 1 female.—5776-80/9, off Irrawaddy delta, Burma, 15°20'N, 94°55'E, 20 fm (=37 m), *Investigator* [sta 60, 23 Nov 1889], 2 males, 1 female.—5769/9, 6729/10, Sandheads, Hughli delta, India, A. J. Milner, 2 females.—7266-7/10, Madras coast, India, 1 male, 1 female.—4520/10, Persian Gulf, 26°20'N, 53°54'W, 53 fm (=124 m), *Investigator* [sta 292, 2 Nov 1901], 1 female.

Remarks.—Manning (1978:23) pointed out that Kemp's (1913) material of this species included representatives of at least two other species, *O. hindustanica* Manning, 1978, and *O. sollicitans* Manning, 1978.

Apparently all of the specimens listed by Kemp (1913) were syntypes of *S. oratoria* var. *perpensa*; in his original description of this species (1911:98) he remarked that he had seen "Very numerous specimens."

Squilla scorpio var. *immaculata*
Kemp, 1913

Squilla scorpio var. *immaculata* Kemp, 1913:45, pl. 2, fig. 31 [= *Cloridopsis immaculata* (Kemp, 1913)].

Syntypes.—3090/5, E of Terribles [19°24'N, 93°18'E], Arakan coast, Burma, 13 fm (=24 m), *Investigator*, 1 male.—1317/7, Bay of Bengal, V. Ball, 1 male.—3093/5, Calcutta [22°32'N, 88°22'E], India, J. Wood-Mason and V. Ball, 6 males, 5 females.—7531/10, Pratapnagar, Calcutta, India, B. L. Chaudhuri, 1 male.—7784/10, Ghaga Nata, Mutlah River, near Calcutta, India, brackish water, S. B. Nath, 14 males, 7 females.—7532/10, Saugor Island, mouth of Hughli River, India, J. Munro, 1 male.—1407-9/7, Hughli estuary, India, museum collector, 1 male, 1 female.—3091/5, Port Canning,

Ganges delta, India, R. D'Cruz, 1 female.—7533/10, Karachi [24°52'N, 67°03'E], Pakistan, 1 male.—7528/10, locality unknown, 2 males, 4 females.

Squilla stridulans Wood-Mason, 1894

Squilla stridulans Wood-Mason, in Alcock, 1894:409 [= *Kempina stridulans* (Wood-Mason, 1894)].

Syntypes.—7035-40/9, Masulipatam coast, Madras, India, 15°56'20"N, 81°26'10"E, 95 fm (=174 m), *Investigator* [sta 120, 24 Dec 1890], 6 females.—6935-6/9, same area, 15°56'50"N, 80°30'30"E, 240 fm (=439 m), *Investigator* [sta 119, 24 Dec 1890], 2 females.

Remarks.—In his original description, Wood-Mason (in Alcock 1894:411) listed material from two *Investigator* stations: sta 119, 95 fm, and sta 120, 240 fm. Specimens from these stations are syntypes, in spite of Kemp's indication (1913:80) that two specimens from the Orissa coast of India were types.

Squilla supplex Wood-Mason, 1875

Squilla supplex Wood-Mason, 1875:232 [= *Alimopsis supplex* (Wood-Mason, 1875)].

Holotype.—3048/5, Bombay [18°58'N, 72°50'E], India, F. Stolizcka, 1 male (delicate).

Squilla tenuispinis Wood-Mason, 1891

Squilla tenuispinis Wood-Mason, in Wood-Mason & Alcock 1891:271 [= *Squilloides tenuispinis* (Wood-Mason, 1891)].

Syntypes.—5801/9, off Ganjam coast, Madras, India, 18°40'N, 84°46'E, 98-102 fm (=179-187 m), *Investigator* [sta 96, 18°30'N, 4 Mar 1890], 1 male.—3081/5, off Cheduba [Cheduba Island = 18°48'N, 93°38'E], Arakan coast, Burma, *Investigator*, 1 female.

Remarks.—In the original description, Wood-Mason (in Wood-Mason & Alcock 1891:272) mentioned two specimens taken

by the *Investigator*: one from sta 96 in 90 to 100 fm and one from off Cheduba [Island], Arakan coast of Burma, in about the same depth. Of the specimens listed by Kemp (1913:49), these two specimens are syntypes; Kemp listed them as types.

The latitude given by Kemp for the material from sta 96 is incorrect by 10 minutes.

Squilla wood-masoni Kemp, 1911

Squilla wood-masoni Kemp, 1911:99 [= *Oratosquilla woodmasoni* (Kemp, 1911)].

Syntypes. — 7513/10, Port Jackson [33°51'S, 151°15'E], New South Wales, Australia, Australian Museum, 1 female. — 7294/10, Pondicherry, India, purchased, 1 female. — 3098/5, Madras [13°05'N, 80°17'E], India, 3 males, 2 females. — 3078/5, 3087/5, Madras, India, Madras Museum and purchased, 2 males. — 7295/10, off Madras coast, India, 14°4'57"N, 80°20'50"E, 23 fm (=42 m), *Investigator* [sta 158, 10 Jan 1894], 1 female. — 7297-8/10, Puri [19°48'N, 85°51'E], Orissa coast, India, N. Annandale, F. H. Gravely, and J. Caunter, 9 males, 3 females. — 7992/9, Sandheads, Ganges delta, India, W. M. Daly, 1 female.

Remarks. — In his original account, Kemp (1911:99) stated that he had seen "Numerous examples." Apparently all of the specimens listed by him in 1913 are syntypes.

Types of Stomatopoda in the
Zoological Survey of India,
Listed by Current Name

Acanthosquilla multifasciata (Wood-Mason, 1895)

See *Lysiosquilla multifasciata*

Alima hieroglyphica (Kemp, 1911)

See *Squilla hieroglyphica*

Alimopsis supplex (Wood-Mason, 1875)

See *Squilla supplex*

Busquilla quadraticauda (Fukuda, 1911)

See *Squilla boopis*

Chorisquilla excavata (Miers, 1880)

See *Chorisquilla andamanica*

Clorida bombayensis (Chhappgar & Sane, 1967)

See *Squilla bombayensis*

Clorida decorata Wood-Mason, 1875

Clorida denticauda (Chhappgar & Sane, 1967)

See *Squilla denticauda*

Clorida merguensis (Tiwari & Biswas, 1952)

See *Squilla merguensis*

Cloridopsis bengalensis (Tiwari & Biswas, 1952)

See *Squilla bengalensis*

Cloridopsis immaculata (Kemp, 1913)

See *Squilla scorpio* var. *immaculata*

Dictyosquilla foveolata (Wood-Mason, 1895)

See *Squilla foveolata*

Gonodactylus choprai Manning, 1967

Gonodactylus lanchesteri Manning, 1967

Gonodactylus platysoma Wood-Mason, 1895

See *Gonodactylus chiragra* var. *platysoma*

Haptosquilla glyptocercus (Wood-Mason, 1875)

See *Gonodactylus glyptocercus*

Haptosquilla nefanda (Kemp, 1911)

See *Gonodactylus nefandus*

Haptosquilla proxima (Kemp, 1911)

See *Gonodactylus proximus*

Harpiosquilla annandalei (Kemp, 1911)

See *Squilla annandalei*

Heterosquilla tricarinata (Claus, 1871)

See *Coronis spinosa*

Heterosquilloides insignis (Kemp, 1911)

See *Lysiosquilla insignis*

Kempina mikado (Kemp & Chopra, 1921)

See *Squilla mikado*

Kempina stridulans (Wood-Mason, 1894)

See *Squilla stridulans*

Lenisquilla gilesi (Kemp, 1911)

See *Squilla gilesi*

Lophosquilla lirata (Kemp & Chopra, 1921)

See *Squilla lirata*

Lophosquilla tiwarii Blumstein, 1974

Lysiosquilla sulcirostris (Kemp, 1913)

See *Lysiosquilla maculata* var. *sulcirostris*

Manningia andamanensis Ghosh, 1975

Mesacturus furcicaudatus (Miers, 1880)

See *Gonodactylus furcicaudatus*

Natosquilla investigatoris (Lloyd, 1907)

See *Squilla investigatoris*

Odontodactylus brevirostris (Miers, 1884)

See *Odontodactylus southwelli*

- Oratosquilla gonypetes* (Kemp, 1911)
See *Squilla gonypetes*
- Oratosquilla hindustanica* Manning, 1978
- Oratosquilla holoschista* (Kemp, 1911)
See *Squilla holoschista*
- Oratosquilla interrupta* (Kemp, 1911)
See *Squilla interrupta*
- Oratosquilla mauritiana* (Kemp, 1913)
See *Squilla mauritiana*
- Oratosquilla pentadactyla* Manning, 1978
- Oratosquilla perpensa* (Kemp, 1911)
See *Squilla oratoria* var. *perpensa*
- Oratosquilla subtilis* Manning, 1978
- Oratosquilla woodmasoni* (Kemp, 1911)
See *Squilla woodmasoni*
- Squilla brasiliensis* Calman, 1917
- Squilloides tenuispinis* (Wood-Mason, 1894)
See *Squilla tenuispinis*

Literature Cited

- Alcock, A. 1894. On the results of the deep-sea dredging during the season 1890–91 (concluded). Natural history notes from H.M. Indian Marine Survey Steamer 'Investigator,' Commander R. F. Hoskyn, R.N., late commanding, series 2, no. 1.—Annals and Magazine of Natural History (6)13:400–411.
- Blumstein, R. 1974. Stomatopod crustaceans from the Gulf of Tonkin with the description of new species.—Crustaceana 26(2):113–126.
- Calman, W. T. 1917. Stomatopoda, Cumacea, Phyllocarida, and Cladocera. Crustacea, Part IV.—British Antarctic *Terra Nova* Expedition, 1910, Natural History Report, Zoology 3(5):137–162.
- Chhapgar, B. F., & S. R. Sane. 1967. Two new species of *Squilla* (Stomatopoda) from Bombay.—Crustaceana 12(1):1–8.
- Ghosh, H. C. 1975. A new species of *Manningia* (Stomatopoda, Gonodactylidae) from the Andaman Islands.—Crustaceana 28(1):33–36.
- Holthuis, L. B. 1967. Fam. Lysiosquillidae et Bathysquillidae: Stomatopoda I., in H.—E. Gruner and L. B. Holthuis, eds., *Crustaceorum Catalogus* 1: 1–28. The Hague, W. Junk.
- Kemp, S. 1911. Preliminary descriptions of new species and varieties of Crustacea Stomatopoda in the Indian Museum.—Records of the Indian Museum 6(2):93–100.
- . 1913. An account of the Crustacea Stomatopoda of the Indo-Pacific region, based on the collection in the Indian Museum.—Memoirs of the Indian Museum 4:1–217, pls. 1–10.
- . 1915. On a collection of stomatopod Crustacea from the Philippine Islands.—Philippine Journal of Science (D)10(3):169–187, pl. 1.
- , & B. Chopra. 1921. Notes on Stomatopoda.—Records of the Indian Museum 22(4):297–311.
- Lloyd, R. E. 1907. Contributions to the fauna of the Arabian Sea, with descriptions of new fishes and Crustacea.—Records of the Indian Museum 1: 1–12.
- Manning, R. B. 1967. Notes on the *demanii* section of genus *Gonodactylus* Berthold with descriptions of three new species (Crustacea: Stomatopoda).—Proceedings of the United States National Museum 123(2618):1–27.
- . 1975. Two new species of the Indo-West Pacific genus *Chorisquilla* (Crustacea, Stomatopoda), with notes on *C. excavata* (Miers).—Proceedings of the Biological Society of Washington 88:253–261.
- . 1978. Further observations on *Oratosquilla*, with accounts of two new genera and nine new species (Crustacea: Stomatopoda: Squillidae).—Smithsonian Contributions to Zoology 272:iii + 44 pp.
- Miers, E. J. 1880. On the Squillidae.—Annals and Magazine of Natural History (5)5:1–30, 108–127, pls. 1–3.
- . 1884. Crustacea. Report of the zoological collections made in the Indo-Pacific Ocean during the voyage of H.M.S. "Alert," 1881–82:178–322, 513–575, pls. 18–35, 46–52. B.M., London.
- Tiwari, K. K., & S. Biswas. 1952. On two new species of the genus *Squilla* Fabr., with notes on other stomatopods on the collections of the Zoological Survey of India.—Records of the Indian Museum 49(3–4):349–363.
- Wood-Mason, J. 1875. On new or little-known crustaceans.—Proceedings of the Asiatic Society of Bengal 1875:230–232.
- . 1895. Figures and descriptions of nine species of Squillidae from the collection in the Indian Museum, pp. 1–11, pls. 1–4. Calcutta: Indian Museum.
- , & A. Alcock. 1891. Note on the result of the last season's deep-sea dredging. Natural history notes from H.M. Indian Marine Survey Steamer 'Investigator,' Commander R. F. Hoskyn, R.N., commanding.—Annals and Magazine of Natural History (6):7:258–272.

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