

**HERMIT CRABS FROM THE SOUTH CHINA SEA
(CRUSTACEA: DECAPODA: ANOMURA: DIOGENIDAE,
PAGURIDAE, PARAPAGURIDAE)**

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ABSTRACT. - One hundred and two species of hermit crabs are recorded from the South China Sea. Information presented is from published references to the species. Most of the species are widely distributed in the Indo-West Pacific.

INTRODUCTION

Studies on hermit crabs of the South China Sea were done mostly according to country border and not to geographical border, such as hermit crab of Singapore and Malaysia (Nobili, 1900; 1903a, c; Lanchester, 1902; Rahayu, 1996), Vietnam (Fize & Serène, 1955; Forest, 1956c; 1958), Philippines (Estampador, 1937, 1959), Taiwan (Yu, 1987; Yu & Foo, 1990) and China (Wang, 1994). Some hermit crabs from this region are mentioned in the revision of one or more taxonomical groups, such as revision of the family Parapaguridae (de Saint Laurent, 1972; Lemaitre, 1996, 1997), genus *Aniculus* (Forest, 1984), genus *Pagurixus* (McLaughlin & Haig, 1984), genus *Pylopaguopsis* (McLaughlin & Haig, 1989), genus *Pylopagurus* and *Tomopagurus* (McLaughlin & Gunn, 1992) and genus *Trizopagurus* (Forest, 1995).

One hundred and two species belonging to family Diogenidae, Paguridae and Parapaguridae are recorded from the South China Sea. The family Diogenidae is represented by eight genera (*Aniculus*, *Calcinus*, *Ciliopagurus*, *Clibanarius*, *Dardanus*, *Diogenes*, *Paguristes* and *Strigopagurus*), the family Paguridae is represented by eight genera (*Australeremus*, *Ceratopagurus*, *Nematopagurus*, *Paguritta*, *Pagurixus*, *Pagurus*, *Pylopaguopsis* and *Spiropagurus*) and the family Parapaguridae is represented by four genera (*Bivalvopagurus*, *Oncopagurus*, *Paragiopagurus*, and *Sympagurus*).

This paper compiled published information on marine hermit crabs recorded in the South China Sea. Family, genera and species are listed in alphabetical order. For each species, the references are given for: its original description, its junior synonymies, the works in which mentioned for the first time the current valid name, the works which have important complementary information on material or colouration and behaviour, and the works which

include record from South China Sea region. Habitat is recorded from literature and the author's unpublished data. Geographical ranges of the species are given from east to west and north to south.

SYSTEMATIC ACCOUNT

FAMILY DIOGENIDAE

Genus *Aniculus* Dana, 1852

Aniculus retipes Lewinsohn, 1982

Aniculus retipes Lewinsohn, 1982a: 76, figs. 1-2 (type locality: Mersa Bareika, Red Sea). – Forest, 1984: 51, figs. 13, 20, 51-58 – Haig & Ball, 1988: 158.

Occurrence in the South China Sea. - Nhatrang, Vietnam (Forest, 1984).

General distribution. - Red Sea, Tanzania, Thailand, Vietnam, Banda (Maluku, Indonesia) and Samoa.

Habitat. - Coral reef and on bottoms of rock, coral and coral rubble, from 0 to about 12 m.

Aniculus sibogae Forest, 1984

Aniculus typicus Miers, 1880: 375 (35).

Aniculus sibogae Forest, 1984: 46 (type locality: Waigeo Island, New Guinea).

Occurrence in the South China Sea. - Paracel Islands (Forest, 1984).

General distribution. - Paracel Islands, Malaysia (?), Indonesia (?), New Guinea and New Hebrides.

Habitat. - Coral reef.

Remarks. - The occurrence of this species in Malaysia and Indonesia remain doubtful (Forest, 1984).

Aniculus ursus (Olivier, 1811)

Pagurus ursus Olivier, 1811: 640, pl. 312, fig. 2.(type locality: Maurice Island). – Latreille, 1818: 5, pl. 312, fig. 2. – Desmarest, 1823: 289. – White, 1847a: 61.

Pagurus aniculus. – H. Milne Edwards, 1836: 279. – A. Milne Edwards, 1862: 13. – Owen, 1839: 82.

Pagurus (Aniculus) aniculus. – Hilgendorf, 1869: 97, 111. – 1879: 824.

Aniculus typicus. – Neumann, 1878: 31.– Miers, 1879: 491. – Richters, 1880: 161. – Cano, 1889a: 103; 1889b: 265. – Ortmann, 1892: 289.

Aniculus aniculus. – Henderson, 1893: 422. – Lanchester, 1902: 364. – Alcock, 1905: 94, pl. 7, fig. 6. – Southwell, 1906: 215. – McCulloch, 1908: 59. – Bouvier, 1915: 213 (36). – Laurie, 1926: 159. – Estampador 1959: 51. – Ward, 1942: 53. – Barnard, 1950: 431. – Forest, 1956a: 50. – Dechancé, 1964: 29. – Lewinsohn, 1982a: 79, fig. 2 a-2.

Aniculus ursus. – Forest, 1984: 26, fig. 1-7, 9, 17, 31, 36, 67, 69-73.

Occurrence in the South China Sea. - Paracel Islands (Forest, 1984); Manila, Philippines (Cano, 1889a, 1889b); Mindoro, Philippines (Estampador, 1959).

General distribution. - From east coast of Africa across Indian Ocean to Malay Archipelago and northern Australia, and from Ryukyus, Paracel Islands to Mariana, Caroline Islands and New Caledonia.

Habitat. - Intertidal and subtidal to 30 m; reef flat, boulders and pebble beach.

Genus *Calcinus* Dana, 1852

Calcinus elegans (H. Milne Edwards, 1836)

Pagurus elegans H. Milne Edwards, 1836: 278, pl. 13, fig. 2 (type locality: New Ireland).

Pagurus pictus Owen, 1839: 83, pl. 25, fig. 2, 2a.

Pagurus decorus Randall, 1839: 134.

Calcinus elegans. – Dana, 1852: 458. – Alcock, 1905: 55, pl. 5, fig. 2. – Estampador, 1959: 53. – Lee, 1969: 54, fig. 10. – Wooster, 1984: 128. – Yu, 1987: 11, pl. I C. – Haig & Ball, 1988: 159. – Morgan, 1991: 874, fig. 7-9.

Occurrence in the South China Sea. - Mao-Pi-tou, Pingtung County, Taiwan (Lee, 1969); Mindoro, Philippines (Estampador, 1959),

General distribution. - From east coast of Africa to Hawaii and Tuamotu Archipelago.

Habitat. - Intertidal and subtidal to 10 m, on bottoms of rock, boulders and coral rubble. Sometimes it is found on rock platform in splash zone.

Calcinus gaimardii (H. Milne Edwards, 1848)

Pagurus gaimardii H. Milne Edwards, 1948: 63 (type locality: Ambon, Indonesia).

Calcinus gaimardii. – Dana, 1852: 457. – Alcock, 1905: 53, 56, pl. 5, fig. 3. – Yu, 1987: 11, pl. I E. – Haig & Ball, 1988: 159. – Morgan, 1991: 876, fig. 10-13.

Calcinus gaimardi. – Fize & Serène, 1955: 49, fig. 7, 8, pl. 2, fig. 5-8. – Lee, 1969: 54, fig. 11. – Wooster, 1984: 131.

Occurrence in the South China Sea. - Mao-Pi-tou, Pingtung County, Taiwan (Lee, 1969); Nhatrang, Vietnam and Paracel Islands (Fize & Serène, 1955).

General distribution. - East Africa across the Indian Ocean to Japan, Australia, Hawaii and Society Island.

Habitat. - Intertidal and subtidal to 15 – 20 m; coral reef or reef flat, boulders, on bottoms of rock, sand and rubble.

Calcinus guamensis Wooster, 1984

Calcinus latens. – Miyake, 1956: 331, fig. 20, 21 [not *Calcinus latens* (Randall, 1839), misidentification].

Calcinus vachoni. – Forest, 1958: 286. Not *Calcinus vachoni* Forest, 1958, (mis-identification in part).

Calcinus guamensis Wooster, 1984: 141, fig. 4 (type locality: Guam, Mariana Islands). – Haig & Ball, 1988: 159. – Morgan, 1991: 879, fig. 14-16.

Occurrence in the South China Sea. - Vietnam (Forest, 1958).

General distribution. - Indian Ocean, Vietnam, Indonesia, Mariana and Hawaii.

Habitat. - Reef flat and coral reef, on a bottom of coral rubble from 0 to 15 m.

Calcinus laevimanus (Randall, 1839)

Pagurus tibicen. – H. Milne Edwards, 1836: 278 (not *Cancer tibicen* Herbst, 1791).

Pagurus laevimanus Randall, 1839: 135 (type locality unknown).

Pagurus lividus H. Milne Edwards, 1848: 63.

Calcinus tibicen. – Dana, 1852: 457. – Stimpson, 1907: 208.

Calcinus herbstii De Man, 1888b: 437. – Alcock, 1905: 53, pl. 5, fig. 4. – Forest, 1951: 89, fig. 2, 5, 6, 9. – Estampador, 1959: 53.

Calcinus herbsti. – Fize & Serène, 1955: 41, pl. 2, fig. 1-4, text fig. 6.

Calcinus laevimanus. – Stimpson, 1907: 208 (foot note). – Lee, 1969: 53. – Lewinsohn, 1982b: 51. – Wooster, 1984: 156. – Yu, 1987: 11, pl. 1D. – Morgan, 1991: 888, fig. 30-33.

Occurrence in the South China Sea. - Mao-Pi-tou, Pingtung County, Taiwan (Lee, 1969); Nhatrang, Vietnam and Paracel Islands (Fize & Serène, 1955); Mindoro, Philippines (Estampador, 1959).

General distribution. - Entire Indo Pacific. From east Africa across Indian Ocean to Australia, Indonesia, Philippines, Vietnam, southern Japan, Taiwan, Mariana Island, east to Hawaii and Tuamotu Archipelago

Habitat. - Very common in tropical littoral waters on sand and mud flat, reef flat, pebble beach, rock, boulders and coral rubble. Sometimes it is found on sand mud bottom of mangrove area.

***Calcinus latens* (Randall, 1839)**

Pagurus latens Randall, 1839: 135 (type locality unknown).

Pagurus cristimanus H. Milne Edwards, 1848: 64

Calcinus latens. – Dana, 1852: 459, pl. 28, fig. 11. – Alcock, 1905: 58, pl. 5, fig. 5. – Fize & Serène, 1955: 58, pl. 2, fig. 9-11, text fig. 9. – Estampador, 1959: 53. – Lee, 1969: 55, fig. 12. – Wooster, 1984: 154. – Yu, 1987: 10, pl. I B. – Haig & Ball, 1988: 160. – Morgan, 1991: 890, fig. 34-36.

Calcinus terrae-reginae Haswell, 1882: 760. – Alcock, 1905: 57, pl. 5, fig. 7.

Calcinus latens var *terrae-reginae*. – Buitendijk, 1937a: 269.

Calcinus abrothensis Morgan, 1988a: 218, fig. 1.

Occurrence in the South China Sea. - Mao-Pi-tou, Pingtung County, Taiwan (Lee, 1969); Nhatrang, Vietnam (Fize & Serène, 1955); Mindoro, Philippines (Estampador, 1959)

General distribution. - East Africa, Persian Gulf, Indian Ocean, Indonesia, Philippines, Vietnam, Taiwan, southern Japan, New Guinea, Hawaii and Tuamotu Archipelago.

Habitat. - This species was found every where in intertidal and subtidal area to about 5 m: coral reef, reef flat, rock platform, boulders, pebble beach, coral rubble, sand and mud flat, sand mud bottom of sea grass and mangrove area

***Calcinus lineapropodus* Morgan & Forest, 1991**

Calcinus sp. 1 – Wooster, 1984: 138

Calcinus undescribed sp. – Haig & Ball, 1988: 161.

Calcinus lineapropodus Morgan & Forest, 1991: 650, fig. 1-2. (type locality: Turk Reef, Cocos (Keeling) Islands). – Morgan, 1991: 892, fig. 37-39.

Occurrence in the South China Sea. - Lanyu Island, Taitung County, Taiwan (Shih & Yu, 1995).

General distribution. - Ryukyu Island, Taiwan, Mariana Island, New Guinea, Indonesia, Cartier Island, Cocos (Keeling) and Christmas Islands.

Habitat. - Shallow subtidal to 25 m depth, associated with live coral, coral rubble and rocks.

***Calcinus minutus* Buitendijk, 1937**

Calcinus minutus Buitendijk, 1937a: 269, fig. 13-15 (type locality: Kera near Timor, Obi Latoe and Talaud Islands, Indonesia). – Forest, 1958: 185, fig. 1, 6-8, 14, 18. – Yu, 1987: 10, pl. I A. – Morgan, 1991: 894, fig. 40 – 42.

Calcinus minimus Forest, 1956b: 221 (mis-spelling).

Occurrence in the South China Sea. - Vietnam (Forest, 1958).

General distribution. - Indian Ocean to Mariana and Caroline Islands.

Habitat. - Coral reef and reef flat, from 0 to 10 m.

***Calcinus pulcher* Forest, 1958**

Calcinus pulcher Forest, 1958: 287, fig. 4, 12, 13, 16 (type locality: Hon Lon, Vietnam). – Haig & Ball, 1988: 161. – Morgan, 1991: 896, fig. 43 – 45.

Occurrence in the South China Sea. - Vietnam (Forest, 1958).

General distribution. - Cocos (Keeling) Islands, Indonesia, Vietnam and Southern Japan.

Habitat. - Subtidal to about 30 m, coral reef, sand and rock.

***Calcinus vachoni* Forest, 1958**

Calcinus vachoni Forest, 1958: 258, figs. (type locality: Vietnam). – Morgan, 1991: 905, fig. 60 - 62.

Occurrence in the South China Sea. - Vietnam (Forest, 1958).

General distribution. - Vietnam, Guam and northwestern Australia

Habitat. - Coral reef and rocky reef to 20 m.

Genus *Ciliopagurus* Forest, 1995

***Ciliopagurus alcocki* Forest, 1995**

Trizopagurus tenebrarum Miyake, 1978: 19, pl. 3, fig. 1, not fig. 2. – 1982: 103. – Takeda, 1982: 57, fig. 169. – Baba, 1986: 195, 300. – Suzuki & Hayasaka, 1987: 28, 30 (not *Aniculus tenebrarum* Alcock, 1905).

Ciliopagurus alcocki Forest, 1995: 96, figs. 20 b, 21 g, 24, 31 g, 38 d, 42 a (type locality: New Caledonia).

Occurrence in the South China Sea. - South China Sea: 6°40,5'N, 109°36 E (Forest, 1995).

General distribution. - South-east of Japan, South China Sea and New Caledonia.

Habitat. - This is a deep water species (200 – 350 m), bottom unrecorded.

***Ciliopagurus krempfi* (Forest, 1952)**

Aniculus strigatus. – Alcock, 1905: 97, pl. 7, fig. 4. – Laurie, 1926: 159. – Thompson, 1943: 41.

Trizopagurus strigatus. – Miyake, 1978: 18, pl. 3, fig. 5 [not *Trizopagurus strigatus* (Herbst, 1804)]

Trizopagurus krempfi Forest, 1952a: 24, figs. 6, 15, 22 (type locality: Cape Saint Jacques, Vietnam). – Lewinsohn, 1969: 53.

Ciliopagurus krempfi. – Forest, 1995: 59, figs. 10 c, 11, 12 c, 31 d, 37 g-h.

Occurrence in the South China Sea. - South China Sea: 20°00'N, 113°00' E (Forest, 1995); Cape Saint Jacques, Vietnam (Forest, 1952).

General distribution. - East Indian Ocean, from Kenya and south coast of Arabian to Reunion Island, Indonesia, Philippines, South China Sea, Hong Kong, Japan, Wallis Futuna, New Caledonia, Marquesas Islands.

Remarks. - This species distributed from littoral to deep waters (10 – 300 meters).

***Ciliopagurus liui* Forest, 1995**

Trizopagurus krempfi. – Miyake, 1982: 104, 194 (pro parte: pl. 35, fig 2 left).

Ciliopagurus liui Forest, 1995: 75, figs. 12 h, 15 d, 17 a, 33 c (type locality: Gulf of Tonkin, China).

Occurrence in the South China Sea. - Gulf of Tonkin (Forest, 1995).

Distribution. - Gulf of Tonkin and South of Japan

***Ciliopagurus strigatus* (Herbst, 1804)**

Cancer strigatus Herbst, 1804: 25, pl. 61, fig. 3.(type locality: “East Indies”)

Pagurus strigatus. – Olivier, 1811: 647

Pagurus annulipes H. Milne Edwards, 1848: 63. – Hess, 1865: 160.

Pagurus (s.s) *strigatus*. – Hilgendorf, 1879: 820

Pagurus strigatus. – Ortmann, 1892: 285. – Bouvier, 1892: 54. – Borradaile, 1899: 425. – Nobili, 1903b: 15.

Aniculus strigatus. – Henderson, 1893: 422. – Alcock, 1905: 97.

Trizopagurus strigatus. – Forest, 1952a: 19-24, figs. 5, 14, 21. – Lewinsohn, 1969: 52, fig. 7. – Ball & Haig, 1972: 94.

Ciliopagurus strigatus. – Forest, 1995: 49, figs. 8a, 9, 10 a, 12 a, 31 a-b, 37 c.

Occurrence in the South China Sea. - Nhatrang, Vietnam (Forest, 1995).

General distribution. - Entire Indo West Pacific, from east Africa and the Red Sea across Indian Ocean to Indonesia, Australia to Fiji, Hawaii and Marquesas Island.

Habitat. - Intertidal to about 3-15 m; coral reef and rock platform or coral rubble.

Genus *Clibanarius* Dana 1852

***Clibanarius arethusa* De Man, 1888**

Clibanarius arethusa De Man, 1888a: 252 (type locality: King Island Bay, Mergui Archipelago). – Henderson, 1893: 424. – Alcock, 1905: 48, pl. 4, fig. 3. – Fize & Serène, 1955:114, fig. 16.

Occurrence in the South China Sea. - Nhatrang, Vietnam (Fize & Serène, 1955).

General distribution. - India, Mergui Archipelago, Arakan and Nhatrang (Vietnam).

***Clibanarius aequabilis* Dana, 1851**

Pagurus aequabilis Dana, 1851: 271 (type locality: Madeira and Cape Verds).

Clibanarius aequabilis Dana, 1852: 464, pl. 29, fig. 4a-c. - Forest, 1953c: 437, fig. 1-3. - Wang, 1994: 569.

Not *Clibanarius aequabilis* Dana Aurivillius, 1898: 12, pl. 4, fig. 8.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Madeira and Cape Verds, Atlantic Ocean.

Remarks. - The occurrence of this species in the South China Sea need to be verified. Forest (1953) has noted that *Clibanarius aequabilis* found only in Madeira and Cape Verds Islands.

***Clibanarius clibanarius* (Herbst, 1791)**

Cancer clibanarius Herbst, 1791: 20, pl. 23, fig. 1 (type locality: Singapore).

Pagurus clibanarius. - H. Milne Edwards, 1836: 276.

Clibanarius vulgaris Dana, 1852: 462. - Stimpson, 1907: 209.

Clibanarius clibanarius. - Alcock, 1905: 43, pl. 4, fig. 1. - Estampador, 1959: 48.

Occurrence in the South China Sea. - Hongkong (Stimpson, 1907); Palawan and Taytay, Philippines (Estampador, 1959); Singapore (Herbst, 1791).

General distribution. - West and southeast Africa to Hongkong and Philippines.

***Clibanarius corallinus* (H. Milne Edwards, 1848)**

Pagurus corallinus H. Milne Edwards, 1848: 63 (type locality: New Guinea)

Clibanarius corallinus. - Dana, 1852: 468. - Lanchester, 1902: 365. - Alcock, 1905: 43, 48, pl. 5, fig. 1. - Fize & Serène, 1955: 132, fig. 20. - Estampador, 1959: 47. - Lee, 1969: 43. - Haig & Ball, 1988: 162.

Occurrence in the South China Sea. - O-luan-pi, Mao-Pi-tou, Pingtung County, Taiwan (Lee, 1969); Nhatrang, Vietnam (Fize & Serène, 1955); Mindoro, Philippines (Estampador, 1959).

General distribution. - Widespread in Indo West Pacific, from Indian Ocean to Polynesia.

Habitat. - *Clibanarius corallinus* live in intertidal area on reef flat or on bottoms of rock and boulders in splash zone.

***Clibanarius cruentatus* (H. Milne Edwards, 1848)**

Pagurus cruentatus H. Milne Edwards, 1848: 62 (Type locality: "New Zealand").

Clibanarius cruentatus. - Alcock, 1905: 50. - Fize & Serène, 1955: 123, fig. 18. - Estampador, 1959: 4. - Rahayu & Forest, 1992: 771. - Rahayu, 1996: 336.

Occurrence in the South China Sea. - Nhatrang, Vietnam and Paracel Islands (Fize & Serène, 1955); Palawan, Taytay, Mindoro, Philippines (Estampador, 1959); Singapore (Rahayu, 1996).

General distribution. - Mergui Archipelago, Vietnam, Philippines, Singapore and Indonesia.

Remarks. - A very common intertidal hermit crab, live in sand-mud bottom in mangrove area, pebble beach and rocky shore. The type locality New Zealand is probably an error of labeling for specimen described by H. Milne Edwards (Rahayu & Forest, 1992).

***Clibanarius danai* Rahayu & Forest, 1992**

Clibanarius lineatus Dana, 1852: 462, pl. 29, fig. 2. - Fize & Serène, 1955: 105, fig. 14. Not *Pagurus lineatus* H. Milne Edwards, 1848.

Clibanarius danai Rahayu & Forest, 1992: 767, fig. 4 e, 5 e, 6 e (type locality: Balikpapan, Indonesia). - Rahayu, 1996: 336.

Occurrence in the South China Sea. - Cauda and Ninh-Hoà, Vietnam (Fize & Serène, 1955)

General distribution. - Sri Lanka, Vietnam, Indonesia and Samoa.

Habitat. - Sand flat.

***Clibanarius demani* Buitendijk, 1937**

Clibanarius demani Buitendijk, 1937a: 253, fig. 1, 2 (type localities: Bima, Sumbawa, Flores, Kaledoepa, Toekang Besi Island in Indonesia). – Rahayu & Forest, 1992: 759, fig. 4a, 5a, 6a. – Gherardi & McLaughlin, 1994: 635.

Clibanarius striolatus. – Fize & Serène, 1955: 95, fig. 13. Not *C. striolatus* Dana, 1852.

Occurrence in the South China Sea. - Nhatrang, Vietnam (Fize & Serène, 1955).

General distribution. - Mauritius, Vietnam and Indonesia.

Habitat. - This species lives around mangrove area, in sand-mud bottom.

***Clibanarius eurysternus* Hilgendorf, 1879**

Pagurus (Clib.) eurysternus Hilgendorf, 1879: 822 (type locality: Mozambique)

Clibanarius eurysternus. – De Man, 1888b: 447. – Nobili, 1900: 21. – Fize and Serène, 1955: 118, fig. 17. – Lee, 1969: 42. – Lewinsohn, 1982b: 39. – Haig & Ball, 1988: 163. – Rahayu & Forest, 1992: 750.

Occurrence in the South China Sea. - Mao-Pi-tou, Pingtung County, Taiwan (Lee, 1969); Vietnam (Fize & Serène, 1955)

Distribution. - East Indian Ocean, Indonesia, Indo Malaysia, Vietnam, Taiwan to Polynesia.

Habitat. - Intertidal to about 3 m: coral reef, rock platform, pebble beach and on a bottom of sand or sand mud.

***Clibanarius humilis* (Dana, 1952)**

Pagurus humilis Dana, 1951: 271; 1952: 469, pl. 29, fig. 9.

Clibanarius humilis – Forest, 1953b: 443, fig. 1,5. – Rahayu & Forest, 1992: 773. – Wang, 1994: 569.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - From East Indian Ocean to Ryukyu, Indonesia, New Caledonia and Polynesia.

Habitat. - Very common on reef flat, rocky shore and sea grass bed.

***Clibanarius inaequalis* (De Haan, 1849)**

Paguristes inaequalis De Haan, 1849: 210, pl. 50, fig. 2. (type locality: Japan).

Clibanarius inaequalis. – Holthuis & Sakai, 1970: 97. – Wang, 1994: 569.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

Distribution general. - Japan and South China Sea.

***Clibanarius infraspinus* Hilgendorf, 1869**

Clibanarius infraspinus Hilgendorf, 1869: 97 (type locality: Singapore). – De Man, 1888a: 237. – Alcock, 1905: 44. – Nobili, 1903c: 19. – Fize & Serène, 1955: 77, fig. 10. – Estampador, 1959: 48. – Lee, 1969: 41, fig. 3. – Tirmizi & Siddiqui, 1982: 66, fig. 34,35. – Rahayu, 1996: 336.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Mindoro, Palawan, Taytay, Philippines (Estampador, 1959); Singapore (Nobili, 1903c, Rahayu, 1996).

Distribution general. - Red Sea, Indian Ocean, Japan, Malay Archipelago and Northern Australia.

Habitat. - This species lives on sand-mud bottom in mangrove area.

***Clibanarius longitarsus* (De Haan, 1849)**

Pagurus longitarsus De Haan, 1849: 211, fig. 3. (type locality: Japan).

Clibanarius longitarsis. – Dana, 1952: 464.

Clibanarius longitarsus. – Nobili, 1900: 20. – Fize & Serène, 1955: 83, fig 11, pl. 3, fig. 1, 7, 10, 13. – Lee, 1969: 44. – Haig & Ball, 1988: 163. – Rahayu & Forest, 1992: 762, fig. 4b, 5b, 6b. – Rahayu, 1996: 336.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Singapore (Nobili, 1900; Rahayu, 1996).

General distribution. - Red Sea, Indian Ocean, Indonesia, Philippines, Vietnam, Taiwan, Japan and Northern Australia.

Habitat. - *Clibanarius longitarsus* mostly inhabits mangrove area on muddy bottom.

***Clibanarius merguiensis* De Man, 1888**

Clibanarius aequabilis var. *merguiensis* De Man, 1888a: 247 (type locality: Mergui Archipelago). – Lanchester, 1902: 365. – Alcock, 1905: 47, pl. 4, fig. 5.

Clibanarius merguiensis. – Forest, 1953b: 446, fig. 7. – Fize & Serène, 1955: 145, fig. 22. – Rahayu & Forest, 1992: 774, fig. 7. – Rahayu, 1996: 337.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Singapore (Rahayu, 1996).

General distribution. - Indian Ocean, Singapore, Indonesia, Vietnam to Tuamotu.

Habitat. - This is a common intertidal hermit crab, lives in sea grass bed, rocky shore, reef flat and pebble beach. Sometimes it is also found on coral rubble and sand-mud bottom near mangrove area.

***Clibanarius padavensis* De Man, 1888**

Clibanarius padavensis De Man, 1888a: 242, pl. 16, fig. 1 (type locality: King Island Bay, Mergui Archipelago). – Nobili, 1900: 21; 1903c: 20. – Alcock, 1905: 44, pl. 4, fig. 2. – Estampador, 1959: 49.

Occurrence in the South China Sea. - Singapore (Nobili, 1900, 1903); Mindoro, Philippines (Estampador, 1959).

General distribution. - Mergui Archipelago, Singapore, Malaysia and Philippines.

Habitat. - This is an intertidal hermit crab and lives in sand mud bottom.

***Clibanarius ransoni* Forest, 1953**

Clibanarius ransoni Forest, 1953b: 446, fig. 2, 6 (type locality: Tahiti). – Fize & Serène, 1955: 150, fig. 23. – Rahayu & Forest, 1992: 774.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955).

General distribution. - Vietnam, Indonesia and Tahiti.

Habitat. - Reef flat and rocky shore in intertidal zone.

***Clibanarius serenei* Rahayu & Forest, 1992**

Clibanarius 1 Fize & Serène, 1955: 90, pl. 3, fig. 2, 8, 11, 14.

Clibanarius serenei Rahayu & Forest, 1992: 762, fig. 4 c, 5 c, 6 c. (type locality: Kendari, Indonesia). – Rahayu, 1996: 337.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Singapore (Rahayu, 1996).

General distribution. - Vietnam, Singapore, Malaysia and Indonesia.

Habitat. - This species lives in muddy bottom of mangrove area.

***Clibanarius snelli* Buitendijk, 1937**

Clibanarius snelli Buitendijk, 1937a: 259, fig. 7-9 (type locality: Ende, Flores, Indonesia). – Fize & Serène, 1955: 128, fig. 19. – Ball & Haig, 1972: 96. – Rahayu & Forest, 1992: 770.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955).

General distribution. - Vietnam, Indonesia, New Guinea.

Habitat. - Reef flat and rocky shore, 0-2 meter.

***Clibanarius striolatus* Dana, 1852**

Clibanarius striolatus Dana, 1852: 463 (type locality: “Tongatabu” and “Viji” Archipelago). – Lanchester, 1902: 365. – Nobili, 1903c: 19. – Alcock, 1905: 46. – Fize & Serène, 1955: 97, fig. 13, pl. 4, fig. 4. – Dechancé, 1964: 32, fig. 6. – Lee, 1969: 44. – Rahayu & Forest, 1992: 758. – Gherardi and McLaughlin, 1994: 632.

Clibanarius A. Fize & Serène, 1955: 109, fig. 15, pl. 3, fig. 6.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Singapore (Nobili, 1903c)

General distribution. - Red Sea, Indian Ocean, Taiwan, Vietnam, Singapore and Indonesia.

Habitat. - Live in sand, sand mud and/or mud bottom in mangrove area.

***Clibanarius virescens* (Krauss, 1843)**

Pagurus virescens Krauss, 1843: 56, fig. 3 (type locality: Durban Bay, South Africa)

Clibanarius virescens. - Dana, 1952: 466. - Fize and Serène, 1955: 139, fig. 21. - Lee, 1969: 43.

- Haig & Ball, 1988: 163. - Morgan, 1988b: 317, fig. 1. - Gherardi and McLaughlin, 1994: 636.

[?] *Clibanarius philippinensis* Yapchiongco in Estampador, 1959: 49.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955).

General distribution. - Red Sea and western Indian Ocean to Indonesia, Vietnam, Taiwan, Japan and Fidji.

Habitat. - *Clibanarius virescens* is a common hermit crabs in intertidal zone on a bottom of rock, sand and coral.

Genus *Dardanus* Paul'son, 1875

***Dardanus arrosor* (Herbst, 1796)**

Cancer arrosor Herbst, 1796: 170, pl. 43, fig. 1. (type locality unknown).

Pagurus striatus H. Milne Edwards, 1836: 270. - Henderson, 1888: 55. - Estampador, 1959: 51.

Pagurus arrosor. - Nobili, 1906: 121.

Dardanus arrosor. - Forest, 1955: 90, fig. 19, 21. - Lee, 1969, 46, fig. 5. - Morgan, 1989: 404.

Occurrence in the South China Sea. - Tungkang, Pingtung County, Taiwan (Lee, 1969).

General distribution. - Mediterranean, Atlantic, Red Sea, Japan, Korea, Taiwan, Philippines, Indonesia and Australia.

Habitat. - *Dardanus arrosor* is the only species of hermit crab which has worldwide distribution. In Mediterranean it is found in subtidal between 15 - 40 m (Weinberg, 1992), in Taiwan it is found from about 100 m depth (Lee, 1969), while in Indonesia it was collected from about 200 m depth (unpublished data).

***Dardanus aspersus* (Berthold, 1846)**

Pagurus diogenes. - Balss, 1913: 45 (= *aspersus* Berthold)

Pagurus aspersus Berthold, 1846. - Alcock, 1905: 168.

Dardanus aspersus. - Baba, 1986: 187, fig. 134. - Wang, 1994: 569.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Japan and South China Sea.

***Dardanus callichela* Cook, 1989**

Pagurus imbricatus. - Alcock, 1905: 92, pl. 9, fig. 8. - Fize & Serène, 1955: 220, fig. 35, pl. 6, fig. 11-14 (not *Pagurus imbricatus* H. Milne Edwards, 1948).

Dardanus callichela Cook, 1989: 115, fig. 3, 6 B, 8 A (type locality: Australia, NW Shelf 20°24.4'S, 116°02.6'E). - Rahayu, 1996: 338.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Singapore (Rahayu, 1996).

General distribution. - Srilanka, Vietnam, Singapore, NW Australia and Chesterfield Reef.

***Dardanus crassimanus* (H. Milne Edwards, 1836)**

Pagurus crassimanus H. Milne Edwards, 1936: 277 (type locality: "South Sea"). - Fize & Serène, 1955: 187.

Pagurus sculptipes Stimpson, 1858: 246.

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Pagurus pavementus Hilgendorf, 1879: 816, pl. 3, fig. 1 – 5.

Clibanarius crassimanus. – Alcock, 1905: 162.

Dardanus crassimanus. – Buitendijk, 1937b: 55. – Lee, 1969: 49, fig. 7. – Miyake, 1978: 61, fig. 22. – Morgan, 1989: 405, fig. 3a, b.

Occurrence in the South China Sea. - Anping, Tainan, Taiwan (Lee, 1969); Vietnam (Fize & Serène, 1955).

General distribution. - East Coast of Africa, Indian Ocean, Indonesia, West Australia, Japan, Hongkong and Taiwan.

Habitat. - Subtidal to about 30 meter depth, bottom unrecorded.

Dardanus dearmatus (Henderson, 1888)

Pagurus dearmatus Henderson, 1888: 58, pl. 6, fig. 5 (type locality: Admiralty Island). – Alcock, 1905: 91, pl. 9, fig. 6. – Laurie, 1926: 158. – Boone, 1935: 31, pl. 6. – Estampador, 1959: 50.

Dardanus dearmatus. – Gordan, 1956: 313 (lit.)

Occurrence in the South China Sea. - Mindoro, Philippines (Estampador, 1959).

General distribution. - Indian Ocean, Indonesia and Philippines.

Habitat. - Subtidal to about 15 m, sand.

Dardanus deformis (H. Milne Edwards, 1836)

Pagurus deformis H. Milne Edwards, 1836: 272, pl. 13, fig. 4, 4 a (type locality: Aldabra and Seychelles). – Alcock, 1905: 88, pl. 9, fig. 4. – Boone, 1935: 28, pl. 5. – Fize and Serène, 1955: 199, fig. 31, 33 E. F. pl. 4, fig. 6.

Pagurus cultratus White, 1847a: 60 (nomen nudum).

Pagurus cavipes White, 1847b: 122.

Pagurus difformis Dana, 1852: 449.

Pagurus (s.s) *deformis*. – Hilgendorf, 1879: 818, pl. 3, fig. 6, 7.

Pagurus biformis. – Estampador, 1959: 50 (misspelling of *Pagurus deformis* H. Milne Edwards).

Pagurus culterus – Estampador, 1959: 50 (misspelling of *Pagurus cultratus* White).

Dardanus deformis. – Buitendijk, 1937a: 275. – Lee, 1969: 47. – Lewinsohn, 1982b: 44. – Gherardi & McLaughlin, 1994: 638. – Rahayu, 1996: 338.

Occurrence in the South China Sea. - Mindoro, Palawan and Taytay (Philippines) (Estampador, 1959)

General distribution. - East coast of Africa across Indian Ocean to Sipadan, Malaysia, Philippines, Taiwan, Japan and to Hawaii and Tuamotu.

Habitat. - Intertidal, reef platform and on bottoms of sand or coral rubble.

Dardanus gemmatus (H. Milne Edwards, 1848)

Pagurus gemmatus H. Milne Edwards, 1848: 60 (type locality: Marquesas Islands). – Forest, 1953 b: 557, fig. 10, 11.

Neopagurus sp. Kamalaveni, 1950: 85.

Dardanus gemmatus. – Holthuis, 1953: 48. – Haig & Ball, 1988: 164. – Poupin, 1994: 22, fig. 18. – Rahayu, 1996: 338.

Occurrence in the South China Sea. - Singapore (Rahayu, 1996)

Distribution. - From Indian Ocean to Indonesia, Singapore and to Hawaii and Tuamotu Archipelago.

Habitat. - Coral reef and on a bottom of coral rubble, 2 – 10 meter depth.

Dardanus guttatus (Olivier, 1812)

Pagurus guttatus Olivier, 1812: 640 (type locality: Mari Pacific). – Alcock, 1905: 87, pl. 9, fig. 1. – Fize and Serène, 1955: 173, fig. 26; pl. 4, fig. 9; pl. 5, fig. 1-3. – Estampador, 1959: 51.

Pagurus (s.s.) *setifer* – Hilgendorf, 1878: 815, pl. 3, fig. 8. Not *Pagurus setifer* H. Milne Edwards, 1836.

Dardanus guttatus. – Holthuis, 1953: 48. – Lee, 1969: 49. – Haig & Ball, 1988: 165. – Gherardi & McLaughlin, 1994: 639.

Occurrence in the South China Sea. - Mindoro, Philippines (Estampador, 1959)

Distribution. - East coast of Africa to Samoa and Hawaii.

Habitat. - Found on coral reef and/or on a bottom of rock in 0 – 4 meter.

***Dardanus hessii* (Miers, 1884)**

Pagurus hessii Miers, 1884: 264, pl. 28, fig. A (type locality: Arafura Sea). – Lankester, 1902: 364. – Nobili, 1903 c: 17.

Pagurus similimanus Henderson, 1888: 59, pl. 6, fig. 6.

Pagurus hessi – Fize & Serène, 1955: 214, fig. 34, pl. 4, fig. 8.

Pagurus similimanus – Estampador, 1959: 51. Misspelling for *Pagurus similimanus* Henderson.

Dardanus hessii. – Gordan, 1956: 314 (lit.). – Lee, 1969: 46. – Haig & Ball, 1988: 165. – Rahayu, 1996: 338.

Occurrence in the South China Sea. - Anping, Tainan, Taiwan (Lee, 1969); Vietnam (Fize & Serène, 1955); Singapore (Rahayu, 1996).

General distribution. - Indian Ocean, Indonesia, Torres Strait, Singapore, Penang (Malaysia), Philippines, Vietnam, Taiwan and Japan.

Habitat. - Subtidal, on a bottom of mud, sand-mud, about 10 – 50 meter depth.

***Dardanus impressus* (de Haan, 1849)**

Pagurus impressus de Haan, 1849: 207, pl. 49, fig. 3. (type locality: ?Japan).

Dardanus impressus. – Gordan, 1956: 314 (lit.). – Lee, 1969: 47.

Occurrence in the South China Sea. - Anping, Tainan, Taiwan (Lee, 1969).

General distribution. - Taiwan, Bonin Island and Japan.

***Dardanus lagopodes* (Forskål, 1775)**

Cancer lagopodes Forskål, 1775: 93 (type locality: Red Sea).

Pagurus sanguinolentus Quoy & Gaimard, 1824: 532, pl. 79, fig. 2. – Forest, 1953c: 559, fig. 12-14. – Fize Serène, 1955: 166, fig. 25, pl. 4a, fig. 4, 5.

Pagurus affinis H. Milne Edwards, 1836: 274.

Pagurus euopsis Dana, 1852: 452. – Estampador, 1959: 51.

Pagurus depressus Heller, 1861: 248.

Pagurus hellerii Paul'son, 1875: 90, pl. 12, fig. 4 a – c.

Dardanus sanguinolentus Forest, 1956a: 49.

Dardanus lagopodes – Lewinsohn, 1969: 32, pl. 2. – Lee, 1969: 50. – Haig & Ball, 1988: 166. – Rahayu, 1996: 339.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Pulau Tioman, Malaysia (Rahayu, 1996); Mindoro, Philippines (Estampador, 1959).

General distribution. - Wide distribution in Indo West Pacific, from Red sea to Gilbert, Marshall and Tuamotu Archipelago.

Habitat. - Mostly occurred in lower littoral and shallow sublittoral waters, associated with coral, rock or coral rubble.

***Dardanus megistos* (Herbst, 1804)**

Cancer megistos Herbst, 1804: 28, pl. 61 fig. 1 (type locality unknown)

Pagurus punctulatus Olivier, 1812: 641. – Lankester, 1902: 364. – Nobili, 1903c: 17. – Alcock, 1905: 81, pl. 8 fig. 1. – Estampador, 1959: 50.

Pagurus spinimanus H. Milne Edwards, 1848: 61.

Pagurus megistos. – Fize & Serène, 1955: 160, fig. 24, pl. 4, fig. 1-3.

Dardanus megistos – Lee, 1969: 51. – Rahayu, 1996: 339.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Mindoro, Palawan, Taytay, Philippines (Estampador, 1959); Pulau Tioman, Malaysia (Rahayu, 1996); Singapore (Nobili, 1903c, Rahayu, 1996).

General distribution. - Widespread in the Indo West Pacific, from the Red Sea to Japan, Hawaii and Tuamotu.

Habitat. - This species is very common in intertidal and subtidal area with wide variety of habitat including coral reef, reef flats, rocky platform, rubble and sand.

***Dardanus pedunculatus* (Herbst, 1804)**

Cancer pedunculatus Herbst, 1804: 25, pl. 61, fig. 3 (type locality unknown)

Pagurus asper De Haan, 1849: 208, pl. 49, fig. 4. – Alcock, 1905: 90, pl. 9 fig. 5. – Estampador, 1959: 50.

Pagurus sigmoidalis Zehntner, 1894: 192, pl. 8, fig. 19 a, b.

Dardanus haanii Rathbun, 1902: 34.

Neopagurus horai Kamalaveni, 1950: 83, fig. 2 a-c, 3.

Pagurus haani - Fize & Serène, 1955: 207, fig. 32, 33 A, B, pl. 4.

Dardanus pedunculatus. – Lewinsohn, 1969: 29, pl. 1, fig. 3. – Haig & Ball, 1988: 166.– Rahayu, 1996: 339.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Mindoro, Philippines (Estampador, 1959); Pulau Tiga, Malaysia (Rahayu, 1996).

General distribution. - Widespread in the Indo West Pacific from the east coast of Africa to Hawaii.

Habitat. - This species occurred intertidally on a bottom of sand or on sea grass bed.

***Dardanus scutellatus* (H. Milne Edwards, 1848)**

Pagurus scutellatus H. Milne Edwards, 1848: 61 (Type locality: Zanzibar). – Forest, 1953c: 560. – Fize and Serène, 1955: 189, fig. 29, pl. 6, fig. 5-10.

Pagurus fabimanus Dana, 1852: 454. – Estampador, 1959: 50.

Dardanus fabimanus. – Buitendijk, 1937a: 273, fig. 18, 19.

Dardanus scutellatus. – Buitendijk, 1937a: 273, fig. 16, 17. – Gherardi & McLaughlin, 1994: 641.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Mindoro, Philippines (Estampador, 1959).

General distribution. - Western Indian Ocean to Indonesia, Vietnam, Philippines and Tahiti.

Habitat. - Intertidal or shallow subtidal on a bottom of sand and sand mud in seagrass area.

***Dardanus setifer* (H. Milne Edwards, 1836)**

Pagurus setifer H. Milne Edwards, 1836: 274 (type locality: New Holland). – Fize & Serène, 1955: 182, fig. 27 A, B, 28, pl. 5, fig. 4-8.

Dardanus setifer. – Gordan, 1956: 316. – Haig & Ball, 1988: 167. – Rahayu, 1996: 339.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Singapore (Rahayu, 1996).

General distribution. - South Africa, Madagascar, Mauritius, Pakistan, India, Sri Lanka, Vietnam, Australia, New Caledonia.

Habitat. - Subtidal to 40 m.

***Dardanus tinctor* (Forskål, 1775)**

Cancer tinctor Forskål, 1775: 93. – Herbst, 1796: 30. (type locality unknown).

Pagurus varipes Heller, 1861: 244, pl. 1 fig. 1, pl. 2, fig. 2,3. – De Man, 1880: 184. – Alcock, 1905: 90, pl. 9, fig. 7. – Fize & Serène, 1955: 213, fig. 33 C,D.

Pagurus pedunculatus. – Ortmann, 1894: 31. – Barnard, 1950: 429, fig. 79a. (not *Cancer pedunculatus* Herbst, 1804).

Pagurus tinctor – Nobili, 1905: 4. – Balss, 1915: 10.

Dardanus tinctor – Gordan, 1956: 316 (lit.). – Lewinsohn, 1969: 26, pl. 1, fig. 1,2. – Wang, 1994: 569.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Red Sea, Gulf of Aden, Persian Gulf, Zanzibar, Mauritius and Durban Bay.

***Dardanus vulnerans* Thallwitz, 1890**

Pagurus vulnerans Thallwitz, 1890: 30. – Alcock, 1905: 83. – Estampador, 1959: 50.

Dardanus vulnerans. – Gordan, 1956: 316 (lit.).

Occurrence in the South China Sea. - Mindoro, Philippines (Estampador, 1959).

General distribution. - Persian Gulf, Bay of Bengal and Philippines.

***Dardanus woodmasoni* Alcock, 1905**

Pagurus woodmasoni Alcock, 1905: 85, pl. 9, fig. 3. (type locality: Maldives and Andaman). – Fize & Serène, 1955: 195, fig. 30, pl. 6, fig. 1-4. – Estampador, 1959: 50.

Dardanus woodmasoni. – Gordan, 1956: 316. – Haig & Ball, 1988: 167.

Occurrence in the South China Sea. - Vietnam (Fize & Serène, 1955); Mindoro, Philippines (Estampador, 1959).

Distribution. - Maldives and Andaman in Indian Ocean to Indonesia, Philippines, Vietnam, Ryukyu and Marshall.

Habitat. - Intertidal to 15 m, on a bottom of sand or sand mud.

Genus *Diogenes* Dana, 1851

***Diogenes avarus* Heller, 1865**

Diogenes avarus Heller, 1865: 85, pl. 7, fig. 2 (type locality: Nicobar), - Alcock, 1905: 68, pl. 6, fig. 6, 6a. – Forest, 1956c: 524, fig. 1-4. – Estampador, 1959: 51. – Lewinsohn, 1969: 37, fig. 4. – Haig & Ball, 1988: 167. – Rahayu & Forest, 1995: 398, fig. 2b, g, h. – Rahayu, 1996: 340. – McLaughlin & Clark, 1997:39, fig. 3b, 8b, 9b,c,d, 11b.

Diogenes pugilator. – Nobili, 1903c: 16 (not *Diogenes pugilator* Roux,).

Diogenes rectimanus. – Lanchester, 1902: 366 (in part) (not *Diogenes rectimanus* Miers, 1884).

? *Diogenes avarus*.- Ajmal & Natarajan, 1984: 18, fig. 15.

Occurrence in the South China Sea. - Vietnam (Forest, 1956c); Mindoro, Philippines (Estampador, 1959).

General distribution. - Indian Ocean from Red Sea and east coast of Africa to Mergui Archipelago, Peninsular Malaysia, Indonesia, Singapore, Philippines, Vietnam, New Guinea and northern Australia

Habitat. - This species occurred intertidally on pebble beach or on a fine sand and gravel, often on rubble near mangrove area.

***Diogenes custos* (Fabricius, 1798)**

Pagurus custos Fabricius, 1798: 412 (type locality: Indian Ocean).

Diogenes custos. – Henderson, 1893: 414. – Alcock, 1905: 64, pl. 6, fig. 1. – Tirmizi & Siddiqui, 1982: 32, fig. 14-17. – Rahayu, 1996: 340.

Diogenes miles. – De Man, 1888: 232, pl. 5, fig. 7-9 (not *Diogenes miles* Herbst, 1791).

Occurrence in the South China Sea. - Singapore (Rahayu, 1996).

General distribution. - Indian Ocean, Indonesia, Singapore, Malaysia and South Australia.

Habitat. - Subtidal to about 15 meter, on a sand, sand mud bottom.

***Diogenes defrectomanus* Wang & Tung, 1980**

Diogenes defrectomanus Wang & Tung, 1980: 35, fig. 1 (type locality: Zhejiang). – Wang, 1994: 569.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Zhejiang and Guangdong, China and South China Sea.

***Diogenes diogenes* (Herbst, 1791)**

Cancer diogenes Herbst, 1791: 17, pl. 22, fig. 5.

Diogenes diogenes Henderson, 1893: 412. – Nobili, 1903a: 8. – Alcock, 1905: 62, pl. 15, fig. 3. – Tirmizi & Siddiqui, 1982: 26, fig. 10-13.

Occurrence in the South China Sea. - Singapore (Nobili, 1903a).

General distribution. - East coast of Indian Peninsula, Pakistan, Indonesia.

***Diogenes edwardsi* (De Haan, 1849)**

Pagurus edwardsi De Haan, 1849: 211, pl. 50, fig. 1.

Diogenes edwardsi. – Stimpson, 1907: 202, pl. 24, fig. 1. – Lee, 1969: 52, fig. 9.

Occurrence in the South China Sea. - Hongkong (Stimpson, 1907); Anping, Tainan, Taiwan (Lee, 1969).

General distribution. - East Africa, Indian Ocean, China Sea, Taiwan, Hong Kong, Japan and Singapore.

Habitat. - Sandy bottom, 30 – 40 m.

***Diogenes fasciatus* Rahayu & Forest 1995**

Diogenes fasciatus Rahayu & Forest, 1995: 388, fig. 1 a-h (type locality: Ujung Pandang, Indonesia).
- Rahayu, 1996: 340.

Occurrence in the South China Sea. - Singapore (Rahayu, 1996).

General distribution. - Singapore and South Sulawesi, Indonesia.

Habitat. - Littoral, soft substrate (sand or sand mud).

***Diogenes gardineri* Alcock, 1905**

Diogenes gardineri Alcock, 1905: 73, pl. 7, fig. 3. (type locality:). - Forest, 1956c: 530, fig. 16. - Lewinsohn, 1969: 45. Ball & Haig, 1972: 91. - Morgan, 1987: 175. - 1990: 8. - Wang, 1994: 568.

?*Diogenes senex*. - Bouvier, 1892: 55. - Nobili, 1906: 118. - Balss, 1927: 224.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Red Sea and east Africa, New Guinea, northern Australia and Tuamotu Archipelago.

***Diogenes goniochirus* Forest, 1956**

Diogenes rectimanus. - Lanchester, 1902: 366 (in part) (not *Diogenes rectimanus* Miers, 1884).

Diogenes goniochirus Forest, 1956c: 527, fig. 5-7 (type locality: Long Hai, South Vietnam). - Rahayu & Forest, 1995: 391. - McLaughlin & Clark, 1997: 38, fig. 3, 8a, 9a, 11a).

Occurrence in the South China Sea. - Vietnam (Forest, 1956).

General distribution. - Vietnam, Malay Peninsula and Indonesia.

Habitat. - Intertidal, sandy bottom.

***Diogenes hainanica* Wang & Dong, 1977**

Diogenes hainanica Wang & Dong, 1977: 109, fig. 2 (type locality: Hainan).

Occurrence in the South China Sea. - South China Sea (Wang & Dong, 1977).

General distribution. - South China Sea.

***Diogenesinglei* McLaughlin & Clark, 1997**

Diogenesinglei McLaughlin & Clark, 1997: 34, fig. 1a-e, 2a-d, 10a. (type locality: Singapore).

Occurrence in the South China Sea. - Singapore (McLaughlin & Clark, 1997).

General distribution. - Singapore.

***Diogenes investigatoris* Alcock, 1905**

Diogenes investigatoris, Alcock, 1905: 71, pl. 6, fig. 9. (type locality: Off Vizagapatam coast, India).
- Wang, 1994: 568.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Off Vizagapatam coast, India and South China Sea.

***Diogenes jubatus* (Nobili, 1903)**

Troglomagurus jubatus Nobili, 1903c: 17 (type locality: Singapore). - Forest, 1952b: 9.

Diogenes jubatus. - Lemaitre & Ng, 1996: 323, fig. 1-5 (Singapore). - Rahayu, 1996: 344 (Singapore).

Occurrence in the South China Sea. - Singapore (Lemaitre & Ng, 1996; Rahayu, 1996).

General distribution. - Singapore.

Habitat. - Live on a substrate consisting of a mixture of gravel, sand and mud in waters with strong current, 15 – 20 m.

***Diogenes lanaris* Yap-chiongco**

Diogenes lanaris Yap-Chiongco in Estampador, 1937: 504. (Type locality: Palawan, Philippines).
– Estampador, 1959: 52.

Occurrence in the South China Sea. - Palawan, Philippines (Estampador, 1959).

Distribution. - Philippines.

Remarks. - The status of this taxon is very uncertain. Until further investigation we include this species as one of the South China Sea hermit crabs.

***Diogenes leptocerus* Forest, 1956**

Diogenes leptocerus Forest, 1956c: 528, fig. 8 – 11 (type locality: Vietnam). – Lewinsohn, 1982: 47.
– Rahayu & Forest, 1995: 405.

Occurrence in the South China Sea. - Vietnam (Forest, 1956c).

General distribution. - Somalia, Vietnam, Indonesia.

Habitat. - Intertidal, sand and gravel.

***Diogenes lophochir* Morgan, 1989**

Diogenes lophochir Morgan, 1989: 398, fig. 2 (type locality: Northeast of Rottneest Island). – Rahayu, 1996: 343, fig. 2.

Occurrence in the South China Sea. - Singapore (Rahayu, 1996).

General distribution. - Southwestern Australia and Singapore.

***Diogenes mixtus* Lanchester, 1902**

Diogenes mixtus Lanchester, 1902: 367, pl. 34, figs. 2, 2 b (type locality: Pulau Bidan Penang, Malaysia). – Nobili, 1903c: 16. – Alcock, 1905: 165 (list). – McLaughlin & Clark, 1997: 45, figs. 7f, 8f, 9i, 13a.

Occurrence in the South China Sea. - Singapore (Nobili, 1903c); Kuching, Malaysia (McLaughlin & Clark, 1997).

General distribution. - Malaysia and Singapore.

***Diogenes pallescens* Whitelegge, 1897**

Diogenes pallescens Whitelegge, 1897: 141, pl. 6, fig. 2, 2a-c (type locality: Funafuti, Ellice Island).
– Ball & Haig, 1972: 89, fig. 2. – Rahayu & Forest, 1995: – Rahayu, 1996: 345.

Occurrence in the South China Sea. - Singapore (Rahayu, 1996).

General distribution. - Indonesia, Singapore and Funafuti.

Habitat. - Intertidal to 5 m on a bottom of sand, gravel or coral.

***Diogenes platyops* Rahayu & Forest, 1995**

Diogenes platyops Rahayu & Forest, 1995: 339, fig. 4 a-h (Type locality: Pulau Seribu, Indonesia).
– Rahayu, 1996: 348.

Occurrence in the South China Sea. - Singapore (Rahayu, 1996).

Distribution. - Singapore and Indonesia.

Habitat. - Sandy-muddy bottom.

***Diogenes serenei* Forest, 1956**

Diogenes senex. – Nobili, 1906: 78 (not *Diogenes senex* Heller, 1865).

Diogenes serenei Forest, 1956c: 530, fig. 12 - 15 (type locality: Nhatrang, South Vietnam). – Morgan, 1987: 176. – Haig & Ball, 1988: 168. – Rahayu & Forest, 1995: 412.

?*Diogenes serenei*. – Gherardi & McLaughlin, 1994: 643.

Occurrence in the South China Sea. - Nhatrang, Vietnam (Forest, 1956).

General distribution. - Gulf of Iran, Vietnam, eastern New Guinea and Indonesia.

Habitat. - Intertidal and shallow subtidal on reef flat, coral rubble, sometimes associated with seagrass.

***Diogenes stenops* Morgan & Forest, 1991**

Diogenes senex. – Lanchester, 1902: 366. – Nobili, 1903c: 16 (not *Diogenes senex* Heller, 1865).

Diogenes jousseaumei – Morgan, 1987: 179 [not *Diogenes jousseaumei* (Bouvier, 1897)].

Diogenes stenops Morgan & Forest, 1991: 671, fig. 9, 10 (type locality: Cape Bowling green, near Townsville, Queensland). – Rahayu, 1996: 349.

Occurrence in the South China Sea. - Singapore (Nobili, 1903c; Rahayu, 1996).

General distribution. - Singapore, Pulau Bidan (Malaysia) and Queensland (Australia).

Habitat. - Found on mud substrate in less than 30 m.

***Diogenes tumidus* Rahayu & Forest, 1995**

Diogenes tumidus Rahayu & Forest, 1995: 402, fig. 5 1- h (type locality: Sorong, Indonesia). – Rahayu, 1996: 349.

Occurrence in the South China Sea. - Singapore (Rahayu, 1996).

General distribution. - Singapore and Indonesia.

Habitat. - Intertidal and shallow subtidal; wide variety of habitats, including reef flat, pebble beach, rock platform, sand, sandy mud bottom on mangrove area.

Genus *Paguristes* Stimpson, 1858

***Paguristes ciliatus* Heller, 1861**

Paguristes ciliatus Heller, 1861: 525; 1865: 91, pl. 7, fig 6. – Wang, 1994: 568.

?*Paguristes ciliatus*. – Alcock, 1905: 34.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Persian Gulf.

***Paguristes hians* Henderson, 1888**

Paguristes hians Henderson, 1888: 79, pl. 8, fig. 4 (type locality : off Manila, Philippines). – Alcock, 1905: 40, pl. 3, fig. 2. – Estampador, 1959: 54. – McLaughlin & Clark, 1997: 46, fig. 14.

Diogenes desipiens Lanchester, 1902: 366, pl. 34, fig. 1, 1a.

Not *Paguristes hians*. – Grant & McCulloch, 1906: 33; McCulloch, 1913: 346 (= *Paguristes monoporus* Morgan, 1987).

Occurrence in the South China Sea. - Manila, Philippines (Henderson, 1888; Estampador, 1959).

General distribution. - Oman, Red and Arabian Seas, Bay of Bengal, Maldive Islands, Malaysia and Philippines.

Habitat. - Sublittoral, 20 – 30 meter, mud.

***Paguristes longirostris* Dana, 1852**

Paguristes longirostris Dana, 1852: 436, pl. 28, fig. 1 a, b. (type locality: 'East Indies'). – Nobili, 1903c: 20. – Alcock, 1905: 36, pl. 1, fig. 5. – Rahayu, 1996: 350.

Occurrence in the South China Sea. - Singapore (Nobili, 1903c; Rahayu, 1996)

General distribution. - Bay of Bengal and Singapore.

***Paguristes pusillus* Henderson, 1888**

Paguristes pusillus Henderson, 1896: 526. (type locality: east coast of Sri Lanka). – Alcock, 1905: 37, pl. 3, fig. 3. – Miyake, 1978: 37. – Wang, 1994: 568.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Bay of Bengal, Sri Lanka, Sagami Bay and south Kii Peninsula (Japan).

Habitat. - Reported from depth of 51 m.

Genus *Strigopagurus* Forest, 1995

***Strigopagurus boreonotus* Forest, 1995**

Trizopagurus strigimanus Miyake, 1978: 18. – Baba, 1986: 195, fig. 142 (not *Pagurus strigimanus* White.).

Strigopagurus boreonotus Forest, 1995: 122, fig. 2 c, f, I; 3 c, f, I; 27 a-d; 34 d; 35 d; 36 d, I; 39 c; 42 c (type locality: New Caledonia, 22°46,7'S, 167°14.45'E)

Occurrence in the South China Sea. - South China Sea: 20°55'N, 116°00'E (Forest, 1995).

Distribution. - Japan, South China Sea, Philippines, Indonesia, Chesterfield Islands, New Caledonia and Loyalty Islands.

Habitat. - This is a deep waters species, 250 – 580 meter. Sometimes it is also found between 58 – 135 m depth.

FAMILY PAGURIDAE

Genus *Australeremus* McLaughlin, 1981

***Australeremus triserratus* (Ortmann, 1892)**

Eupagurus triserratus Ortmann, 1892: 308, pl. 12, fig. 15 (type locality: Sagami Bay, Japan).

Australeremus triserratus. – McLaughlin & Gunn, 1992: 87, fig. 14, pl. 1.

Occurrence in the South China Sea. - South of Kao-hsiung, Taiwan (McLaughlin & Gunn, 1992).

Distribution. - Sagami Bay, Sea of Sagami, Tanabe Bay, Amakusa, East China sea, Bonin Island and South China Sea; 60 – 400m.

***Ceratopagurus tricarinatus* (Stimpson, 1858)**

Eupagurus tricarinatus Stimpson, 1858: 251 [89]; 1907: 228 (Type locality: Japan). – Ortmann, 1892: 309.

Not *Eupagurus tricarinatus* Sars, 1885: 11, pl. 2, fig. 8-10. – Hansen, 1908: 28.

Pagurus tricarinatus. – Gordan, 1956: 336 (lit.). – McLaughlin & Gunn, 1992: 90.

Not *Pagurus tricarinatus* Norman, 1869: 264.

Ceratopagurus tricarinatus. – McLaughlin, 1992: 795, fig. 1,2

Occurrence in the South China Sea. - Peng-hu Tao, Taiwan (McLaughlin, 1992).

General distribution. - Japan and Taiwan Strait, South China Sea.

Genus *Nematopagurus* A. Milne Edwards & Bouvier, 1892

***Nematopagurus gardineri* Alcock, 1905**

Nematopagurus gardineri Alcock, 1905: 110, pl. 12, fig. 2. – Miyake, 1978: 129. – Haig & Ball, 1988: 185. – Wang, 1994: 571.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Maldive Islands, Sagami Bay (Japan), South China Sea and Arafura Sea.

***Nematopagurus indicus* Alcock, 1905**

Nematopagurus indicus Alcock, 1905: 109, pl. 12, fig. 4. (type locality: Travancore coast, India). – Balls, 1912: 26. – Wang, 1994: 571.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Indian Ocean.

***Nematopagurus muricatus* (Henderson, 1896)**

Catapagurus muricatus Henderson, 1896: 524, pl. 31, fig. 3 (type locality: Sri Lanka).

Nematopagurus muricatus. – Alcock, 1905: 111. Pl. 12, fig. 5. – Lewinsohn, 1969: 74. – Rahayu, 1996: 350.

Occurrence in the South China Sea. - Pulau Tioman, Malaysia (Rahayu, 1996).

General distribution. - Red Sea, Sri Lanka, and Malaysia.

Habitat. - Found at 50-60 m depth.

***Nematopagurus squamichelis* Alcock, 1905**

Nematopagurus squamichelis Alcock, 1905: 113, pl. 12, fig. 1 (type locality: Andaman Sea). – Balls, 1912: 110 – Lewinsohn, 1969: 70, fig. 12. – Baba, 1986: 303, fig. 148. – Wang, 1994: 571.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Gulf of Aqaba, Andaman Sea, Nicobar, east coast of Kyushu (Japan), 40 to 392 meter depth

Genus *Paguritta* Melin 1939

***Paguritta vittata* Komai & Nishi, 1996**

Orthopaguropsis harmsi. – Serène, 1957: 107, fig. 1-3. [not *Orthopaguropsis harmsi* (Gordon, 1935)].

Paguritta harmsi. – Forest, 1961: 238 (in part). – Schuhmacher, 1977: 371, fig. 1,2 (Philippines) [not *Paguritta harmsi* (Gordon, 1935)].

Paguritta gracilipes. – McLaughlin & Lemaitre, 1993: 5 (in part).

Paguritta vittata Komai & Nishi, 1996: 462, Fig. 1-5 (type locality: Okinawa-jima Island, Ryukyus)

Occurrence in the South China Sea. - Nhatrang, Vietnam (Serène, 1957).

Distribution. - Philippines, Vietnam, Ryukyu Archipelago, southern Japan, Kii Peninsula.

Habitat. - Coral reef.

Genus *Pagurixus* Melin, 1939

***Pagurixus cf. tweediei* (Forest, 1956)**

Eupagurus (Pagurixus) tweediei Forest, 1956a: 50, pl. 4, fig. 1-8 (type locality: Cocos Keelings Islands) (by implication).

Pagurus (Pagurixus) tweediei. – Dechancé, 1964: 38. – Ball & Haig, 1972: 103. – Lewinsohn, 1982: 58 (by implication).

Pagurixus cf. tweediei. – McLaughlin & Haig, 1984: 134, fig. 4.

Occurrence in the South China Sea. - Philippine Islands: 10°09'16"N, 118°45'51"E (McLaughlin & Haig, 1984).

General distribution. - Cocos Keelings Islands and Philippines, 15 m.

Genus *Pagurus* Fabricius, 1775

***Pagurus carpofoaminatus* (Alcock, 1905)**

Eupaurus carpofoaminatus Alcock, 1905: 130 (type locality: Orissa coast, Ganjam coast, Vizagapatam coast, off Colombo and off Malabar).

Pagurus carpofoaminatus – Gordan, 1956: 327 (lit.).

Pagurus carpofoaminatus. – Wang, 1994: 570 (mis-spelling).

Occurrence in the South China Sea. - South China Sea (Wang, 1994)

General distribution. - Indian Ocean and South China Sea.

***Pagurus kulkarnii* Sankoli, 1962**

Pagurus kulkarnii Sankoli, 1962: 136, fig. 1, 2 (type locality: Bombay, India). – Morgan, 1987: 182.
– Rahayu, 1996: 350 (Singapore).

Occurrence in the South China Sea. - Singapore (Rahayu, 1996).

General distribution. - Indian Ocean, Indonesia, Singapore and Northern Territory, Australia.

Habitat. - Littoral and sublittoral to depth of 17 m, associated with soft silt sediments, sand, rock, rock platform and sometimes coral reef.

***Pagurus megalops* (Stimpson, 1858)**

Eupagurus megalops Stimpson, 1858: 248 (type locality: North China Sea); 1907: 217, pl. 24, fig. 2. – Alcock, 1905: 176.

Pagurus megalops. – Gordan, 1956: 332 (lit.). – Wang, 1994: 570.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - North China Sea and South China Sea.

Habitat. - Sandy and shelly bottom, 47 m.

Genus *Pylopaguropsis* Alcock, 1905

***Pylopaguropsis fimbriata* McLaughlin & Haig, 1989**

Pylopaguropsis zebra. – Wooster, 1979: 173 [not *Pylopaguropsis zebra* (Henderson)].

Pylopaguropsis undescribed sp. 2. – Haig & Ball, 1988: 190.

Pylopaguropsis fimbriata McLaughlin & Haig, 1989: 164, fig. 1f, 1, 2f, 4d, 6d, 8e, 10d, 12d, 13i.
(type locality: Fafai beach, Guam).

Occurrence in the South China Sea. - Kuching, east Malaysia (McLaughlin & Haig, 1989).

General distribution. - Malaysia, Maluku (Indonesia) and Guam.

Habitat. - Coral reef, 0 – 15 m.

***Pylopaguropsis zebra* (Henderson, 1893)**

Eupagurus zebra Henderson, 1893:425, pl. 39, fig. 12-15. (type locality: Holothuria Bank, Northwest Australia). – Forest, 1955: 107.

?*Eupagurus zebra*. – Henderson, 1896: 520. – Alcock, 1905: 126, pl. 11, fig. 5. – Southwell, 1906: 216.

Eupagurus zebra – Balss, 1912: 22.

Pagurus zebra. – Gordan, 1956: 337 (lit.). – Miyake, 1975: 260, pl. 116, fig.2; 1878: 108, fig. 43; 1982: 225. – Wang, 1994: 570.

?*Pagurus zebra*. – Sankolli, 1962: 141.

Not *Eupagurus zebra*. – Stebbing, 1920: 259. – Barnard, 1950: 459.

Not *Pagurus zebra*. – Edmondson, 1925: 29; 1933: 228; 1946: 263 (= *Pylopaguropsis keijii* McLaughlin & Haig, 1989).

Not *Pylopaguropsis zebra* – Eldredge et al., 1979: 18 (= *Pagurixus laevimanus* (Ortmann))

Not *Pylopaguropsis zebra* – Wooster, 1979: 173 (= *Pylopaguropsis fimbriata* McLaughlin & Haig, 1989).

Pylopaguropsis zebra – McLaughlin & Haig, 1989: 143, fig. 3b, 5b, 7b, 9b, 11b, 13b.

Occurrence in the South China Sea. - South China Sea (Wang, 1994).

General distribution. - Agulhas Bank, Africa, Korea Strait and northern Australia.

Genus *Spiropagurus* Stimpson, 1858

***Spiropagurus spiriger* (De Haan, 1849)**

Pagurus spiriger De Haan, 1849: 206, pl. 13, fig. 2 (type locality: Japan).

Spiropagurus spiriger. – Lanchester, 1902: 364. – Nobili, 1903c: 22. – Alcock, 1905: 118, pl. 13, fig. 1. – Estampador, 1959: 54. – Rahayu, 1996: 351.

Occurrence in the South China Sea. - Singapore (Nobili, 1903; Rahayu, 1996); Manila, Philippines (Estampador, 1959).

Distribution. - Indian Ocean, Singapore, Malaysia, Philippines and Japan.

FAMILY PARAPAGURIDAE

Genus *Bivalvopagurus* Lemaitre, 1993

Bivalvopagurus sinensis (de Saint Laurent, 1972)

Parapagurus sinensis de Saint Laurent, 1972: 116, fig. 12, 24 (Type locality: South China Sea).

Sympagurus sinensis. - Lemaitre, 1989: 37.

Bivalvopagurus sinensis. - Lemaitre, 1993: 12, fig. 1-4.

Occurrence in the South China Sea. - South China Sea: 16°19.3'N, 114°29'E and Philippines: 13°49.2'N, 120°01.8'E (Lemaitre, 1993).

General distribution. - Philippines and South China Sea; 220-510 m.

Genus *Oncopagurus* Lemaitre, 1996

Oncopagurus monstrosus (Alcock, 1894)

?"*Parapagurus monstrosus*" Alcock, 1894: 243 (type locality: Bay of Bengal).

Sympagurus monstrosus. - Henderson, 1896: 533. - Lemaitre, 1989: 37; 1994: 412.

Sympagurus arcuatus var. *monstrosus*. - Alcock, 1905: 104, pl. 10, fig. 5.

Parapagurus monstrosus. - Miyake, 1978: 72 (key). - Baba, 1986: 302, fig. 146.

Not *Parapagurus arcuatus* var. *monstrosus*, Balss, 1912: 99, pl. 10, fig. 3. [= *Sympagurus brevipes* (de Saint Laurent, 1972)].

Oncopagurus monstrosus. - Lemaitre, 1996: 199, fig. 19, 20. - 1997: 576.

Occurrence in the South China Sea. - Verde Island, Philippines (Lemaitre, 1996).

General distribution. - Gulf of Aden, Bay of Bengal, Australia, Indonesia, Philippines and Japan; 202 - 1000 m.

Oncopagurus orientalis (de Saint Laurent, 1972)

Parapagurus orientalis de Saint Laurent, 1972: 114, fig. 8, 16 (type locality: Philippines or China Sea)

Sympagurus orientalis. - Lemaitre, 1989: 37; 1994: 412.

Oncopagurus orientalis. - Lemaitre, 1997: 577, fig. 1, 2.

Occurrence in the South China Sea. - Philippines (13°42'N, 120°58'30" E; 13°42'N, 120°57'15" E) (Lemaitre, 1997).

General distribution. - Indonesia and Philippines, 300 - 575 m.

Genus *Paragiopagurus* Lemaitre, 1996

Paragiopagurus acutus (de Saint Laurent, 1972)

Parapagurus acutus acutus de Saint Laurent, 1972: 113, fig. 7, 18 (type locality: Philippines).

Sympagurus acutus acutus. - Lemaitre, 1989: 37; 1994: 412.

Paragiopagurus acutus. - Lemaitre, 1996: 211, fig. 25, 26. - 1997: 586.

Occurrence in the South China Sea. - Verde Islands Passage, Philippines (Lemaitre, 1996).

Distribution. - Japan, China Sea, Philippines, Indonesia and western Australia, 146 - 558 m.

***Paragiopagurus bicarinatus* (de Saint Laurent, 1972)**

Parapagurus acutus bicarinatus de Saint Laurent, 1972: 113 (type locality: Philippines, Albatros, st. 5289).

Sympagurus acutus bicarinatus – Lemaitre, 1989: 37. – Lemaitre, 1994: 412.

Paragiopagurus bicarinatus – Lemaitre, 1996: 214, fig. 27.

Occurrence in the South China Sea. - South China Sea: 21°30'N, 116°43'E (Lemaitre, 1996).

General distribution. - South China Sea, Philippine and Northern Territory (Australia).

***Paragiopagurus hirsutus* (de Saint Laurent, 1972)**

Parapagurus acutus hirsutus de Saint Laurent, 1972: 113, fig. 19 (type locality: Tosa Bay, Japan).

Sympagurus acutus hirsutus. – Lemaitre, 1989: 37; 1994: 412; 1996: 217, fig. 28.

Occurrence in the South China Sea. - South China Sea: 21°30'N, 116°43'E ; 21°41'N, 116°46'E (Lemaitre, 1996).

General distribution. - Japan, South China Sea, Philippines, Australia and New Zealand, 223 – 505 meters.

Genus *Sympagurus* Smith, 1884

***Sympagurus brevipes* (de Saint Laurent, 1972)**

Parapagurus arcuatus var. *monstrosus*. – Balss, 1912: 99, pl. 10, fig. 3.

Parapagurus brevipes de Saint Laurent, 1972: 105, fig. 2, 14. (type locality: Java, Indonesia).

Sympagurus brevipes. – Lemaitre, 1989: 37; 1994: 412; 1996: 170, fig. 2, 3a, b, 4, 5a, 6.

Occurrence in the South China Sea. - South China Sea: 20°37'N, 115°43'E; Philippines: 15°54'42"N, 119°44'42"E (Lemaitre, 1996).

General distribution. - Zanzibar, South China Sea, Philippines, Indonesia and Australia, 267 – 794 meters.

***Sympagurus planimanus* (de Saint Laurent, 1972)**

Parapagurus planimanus de Saint Laurent, 1972: 109, fig. 4, 22 (type locality: Flores Sea, 794 m).

Sympagurus planimanus. – Lemaitre, 1989: 37. – 1994: 387, fig. 9-10.

Occurrence in the South China Sea. - South China Sea (F.R.S. Hongkong) (de Saint Laurent, 1972).

General distribution. - South China Sea, Indonesia and French Polynesia, to the depth of 794 m.

***Sympagurus trispinosus* (Balss, 1911)**

Parapagurus arcuatus var. *trispinosa* Balss, 1911: 3. – 1912: 100, fig. 8, pl. 7, fig. 2, pl. 10, fig. 4.

Parapagurus trispinosus. – de Saint Laurent, 1972: 105.

Sympagurus trispinosus. – Lemaitre, 1989: 37. – 1994: 390, fig. 11, 12, 28c.

Occurrence in the South China Sea. - Palawan Passage, Philippines (Lemaitre, 1994).

General distribution. - Zanzibar, South Africa, Indonesia, Australia, Philippines, Guam and French Polynesia; 580 – 1412m.

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