

**OCCASSIONAL PAPER NO. 304**

**Records of the  
Zoological Survey of India**

**Brachyuran crabs from  
the collections of  
Marine Biological Centre**

**P. KRISHNAMOORTHY**

**ZOOLOGICAL SURVEY OF INDIA**

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**P. KRISHNAMOORTHY**

*Zoological Survey of India, Marine Biological Centre, Chennai-600 028*

*Edited by the Director, Zoological Survey of India, Kolkata*



सत्यमेव जयते

**Zoological Survey of India  
Kolkata**

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## INTRODUCTION

Since inception of the Marine Biological Station, Zoological Survey of India, Chennai in the year 1973, Brachyuran crabs were collected during the Faunistic Surveys conducted along the East and West Coast of India, Andaman and Nicobar Lakshadweep, Minicoy Islands and during surveys of R. V. Chota Investigator along the Madras Coast. These collections were deposited in the holdings of the Marine Biological Station. Under Annual Programme of work approved by the Director, Zoological Survey of India, the Brachyuran material were taken up for detailed study. A total number of 97 species belonging to 13 families were identified. The locality of collection details of material and other relevant informations of the various species are included.

### LIST OF BRACHYURAN CRABS FROM THE COLLECTIONS OF MARINE BIOLOGICAL CENTRE

Section BRACHYURA

Subsection DROMIACEA DE HAAN, 1839

Superfamily DROMIIDEA ALCOCK, 1899

1. Family DROMIIDAE ALCOCK, 1899

Genus *Lauridromia* McLay, 1993

1. *Lauridromia dehaani* Rathbun, 1923

Genus *Conchoecetes* Stimpson, 1858

2. *Conchoecetes artificiosus* (Fabricius, 1798)

Subsection OXYSTOMATA De Haan, 1841

2. Family DORIPPIDAE White, 1841

Genus *Dorippe* Weber, 1795

3. *Dorippe (Dorippe) frascione* (Herbst, 1785)

Genus *Paradorippe* Serene & Romimohtarto 1969

4. *Paradorippe granulata* (De Haan, 1841)

3. Family LEUCOSIIDAE Dana, 1852

Subfamily PHILYRINAE Rathbun, 1937

Genus *Arcania* Leach, 1817

5. *Arcania undecimspinosa* de Haan, 1841

6. *Arcania quinquespinosa* Alcock & Anderson, 1894

7. *Arcania septemspinosa* (Fabricius, 1787)

8. *Arcania erinaceous* (Fabricius, 1798)

9. *Arcania heptacantha* (de Haan, 1861)

Genus *Myra* Leach, 1817

10. *Myra fugax* (Fabricius, 1798)

11. *Myra affinis* Bell, 1855

Genus *Ixoides* Mac Gilchrist, 1905

12. *Ixoides cornutus* Mac Gilchrist, 1905

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13. *Ixa inermis* Leach, 1815

14. *Ixa cylindrus* (Fabricius, 1787)

Genus *Parilia* Wood-Mason, 1891

15. *Parilia alcocki* Wood-Mason, 1891

Genus *Philyra* Leach, 1817

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17. *Philyra globulosa* H. Milne Edwards, 1837

18. *Philyra scabriuscula* (Fabricius, 1798)

Subfamily Leucosinae Miers, 1886

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19. *Leucosia anatum* (Herbst, 1783)

20. *Leucosia craniolaris* (Linnaeus, 1758)

21. *Leucosia rhomboidalis* de Haan, 1841

22. *Leucosia pubescens* Miers, 1886

4. Family CALAPPIDAE Dana, 1852

Subfamily CALAPPINAE Alcock, 1896

Genus *Calappa* Weber, 1795

23. *Calappa lophos* (Herbst, 1782)

24. *Calappa terraereginae* Ward, 1936

25. *Calappa philargius* (Linnaeus, 1758)

26. *Calappa gallus*, (Herbst, 1803)

27. *Calappa japonica* Ortmann, 1892

28. *Calappa pustulosa* Alcock, 1896

Subfamily MATUTINAE Alcock, 1896

Genus *Matuta* Weber, 1795

29. *Matuta lunaris* (Forsk., 1775)

30. *Matuta planipes* Fabricius, 1798

31. *Ashtoret miersi* (Henderson, 1887)

Subsection OXYRHYNCHA Latreille, 1803

5. Family MAJIDAE Samouelle, 1819

Subfamily PISINAE Alcock, 1895

Genus *Naxoides* A. Milne Edwards, 1865

32. *Naxoides mammillata* (Ortmann, 1893)

Genus *Phalangipus* Latreille, 1825

33. *Phalangipus hystrix* (Miers, 1886)

34. *Phalangipus filiformis* Rathbun, 1916

Genus *Chorilibinia* Lockington, 1876

35. *Chorilibinia andamanica* Alcock, 1895

Genus *Hyastenus* White, 1847

36. *Hyastenus aries* (Latreille, 1825)

Genus *Doclea* Leach, 1815

37. *Doclea ovis* (Fabricius, 1787)

38. *Doclea hybrida* (Fabricius, 1798)

39. *Doclea muricata* (Fabricius, 1787)

40. *Doclea canalifera* Stimpson, 1857

6. Family PARTHONOPIDAE Miers, 1879

Subfamily PARTHENOPINAE Miers, 1879

Genus *Parthenope* Weber, 1795

Subgenus *Parthenope* Weber, 1795

41. *Parthenope (Parthenope) longimanus* (Linnaeus, 1764)

Subgenus *Platylambrus* Stimpson, 1871

42. *Parthenope (Platylambrus) echinatus* (Herbst, 1796)

Subfamily AETHRINAE Dana, 1852

Genus *Cryptopodia* H. Milne Edwards, 1834

43. *Cryptopodia fornicata* (Fabricius, 1781)

44. *Cryptopodia angulata* H. Milne Edwards & Lucas, 1841

Subsection BRACHYRHYNCHA Borradile, 1903

7. Family XANTHIDAE Alcock, 1898

Subfamily XANTHINAE Alcock, 1898

Alliance Halimedoida Alcock, 1898

Genus *Halimede* De Haan, 1835

45. *Halimede ochtodes* (Herbst, 1783)

Genus *Liagore* De Haan, 1833

46. *Liagore rubramaculata* De Haan, 1835

Genus *Demania* Laurie, 1906

47. *Demania scaberrima* (Walker, 1887)

48. *Demania splendida* Laurie 1906

49. *Demania baccalipes* (Alcock, 1898)

Genus *Atergatis* De Haan, 1833

50. *Atergatis floridus* (Linnaeus, 1767)

51. *Atergatis integerrimus* (Lamarck, 1801)

Genus *Leptodius* A. Milne Edwards, 1863

52. *Leptodius exaratus* (H. Milne Edwards, 1834)

8. Family CARPILIDAE Ortmann, 1893  
Genus *Carpilius* Leach, 1823.

53. *Carpilius maculatus* (Linnaeus, 1758)

Alliance Galenoidea Alcock, 1898  
Genus *Galene* De Haan, 1833

54. *Galene bispinosa* (Herbst, 1783)

Subfamily ACTAEINAE Alcock, 1898  
Genus *Actaea* De Haan, 1833

55. *Actaea savignyi* (H. Milne Edwards, 1834)

Subfamily MENIPPINAE Ortmann, 1893  
Genus *Ozius* H. Milne Edwards, 1834

56. *Ozius rugulosus* Stimpson, 1858

9. Family PILUMNIDAE, Samouelle, 1819  
Subfamily PILUMNINAE Ortmann, 1893  
Genus *Pilumnus* Leach, 1815

57. *Pilumnus scabriuscula* (Fabricius, 1793)

10. Family GONEPLACIDAE Dana, 1851.  
Subfamily CARCINOPLACINAE Miers, 1886  
Genus *Carcinoplax* H. Milne Edwards, 1852

58. *Carcinoplax longimana* De Haan, 1835

Genus *Eucrate* De Haan, 1835

59. *Eucrate alcocki* Serene, 1971

60. *Eucrate crenata* De Haan, 1835

Superfamily Portunoidea Rafinesque, 1815.

11. Family PORTUNIDAE, Rafinesque, 1815

Subfamily PORTUNINAE Stephenson and Campbell, 1960

Genus *Scylla* De Haan, 1833

61. *Scylla serrata* (Forsk., 1755)

Genus *Portunus* Weber, 1795

62. *Portunus (Portunus) sanguinolentus* (Herbst 1783)

63. *Portunus (Portunus) pelagicus* (Linnaeus 1758)

64. *Portunus*(*Portunus*) *pubescens* (Dana,1852)  
 65. *Portunus* (*Manomia*) *gracilimanus* (Stimpson,1858)  
 66. *Portunus* (*Manomia*) *argentatus* (White,1847).  
 67. *Portunus* (*Monomia*) *petreus* (Alcock 1899)  
 68. *Portunus* (*Manomia*)*gladiator* Fabricius,1798  
 69. *Portunus*(*Hellenus*) *pulchricristatus* (Garden,1931)

Genus *Lupocyclus* Adams and White, 1848

70. *Lupocyclus philippinesis*, Semper 1880

Genus *Charybdis* De Haan, 1833

71. *Charybdis* (*Charybdis*) *annulata* (Fabricius,1798)  
 72. *Charybdis* (*Charybdis*) *feriatatus* Linnaeus 1758  
 73. *Charybdis* (*Charybdis*) *riversandersoni* Alcock,1899  
 74. *Charybdis* (*Charybdis*) *natator* (Herbst,1794)  
 75. *Charybdis* (*Charybdis*)*orientalis* Dana,1852  
 76. *Charybdis* (*Charybdis*) *helleri* (A.Milne Edwards,1867)  
 77. *Charybdis* (*Goniosoma*) *variegata* (Fabricius,1798)  
 78. *Charybdis* (*Goniosoma*) *callianassa* (Herbst,1789)  
 79. *Charybdis* (*Goniohellenus*)*lucifera* (Fabricius,1798)  
 80. *Charybdis* (*Goniohellenus* ) *hoplites* Wood-Mason 1877

Genus *Thalamita* Latreille, 1829

81. *Thalamita parvidens* (Rathbun,1907)  
 82. *Thalamita danae* Stimpson,1858  
 83. *Thalamita crenata*. (Latreille,1829)  
 84. *Thalamita admete* (Herbst,1803)  
 85. *Thalamita integra* Dana, 1852  
 86. *Thalamita prymna* (Herbst, 1803)

Subfamily PODOPHTHALMINAE Borradaile, 1907.

Genus *Podophthalmus* Lamarck, 1801.

87. *Podophthalmus vigil* (Fabricius 1798)

12. Family OCYPODIDAE Rafinesque, 1815.

Subfamily OCYPODINAE Rafinesque, 1815.

Genus *Ocypode* Weber, 1795.

88. *Ocypode cordimana*. Desmarest, 1825

89. *Ocypode ceratophthalma* (Pallas,1772)

Genus *Uca* Leach, 1814

90. *Uca (Thalassuca) vocans vocans* (Linnaeus, 1758)

91. *Uca (Celuca) lactea annulipes* (H. Milne Edwards, 1837)

Genus *Dotilla* Stimpson,1858

92. *Dotilla myctroides* ( H.Milne-Edwards 1852)

13. Family GRAPSIDAE Macleay 1838

Subfamily GRAPSINAE Macleay, 1839

Genus *Grapsus* Lamarck, 1801.

93. *Grapsus albolineatus* Lamark,1818

Genus *Metopograpsus* H. Milne Edwards, 1853

94. *Metopograpsus messor* ( Forskal, 1775)

Subfamily VARUNINAE Alcock, 1900

Genus *Varuna* H. Milne Edwards, 1830

95. *Varuna litterata* (Fabricius, 1798 )

Subfamily SESARMINAE Dana, 1852

Genus *Sesarma* Say, 1817

96. *Sesarma (Parasesarma) plicatum* (Latreille, 1806)

Genus *Metaplax* H. Milne Edwards, 1852.

97. *Metaplax distincta* H. Milne Edwards, 1852.

1. Family DROMIIDAE de Hann. 1833

Genus *Lauridromia* McLay, 1993

1. *Lauridromia dehaani* Rathbun, 1923

1899 *Dromia rumphii*, Alcock, *Jour. Asiat Soc. Bengal*, 68(3) : 137.

- 1923 *Dromia dehaani*, Rathbun, Proc. biol. Soc. Washington. **36** : 68.
- 1993 *Lauridromia dehaani*, McLay, In : A. Crosnier (ed.) Resultatas des Campagnes MUSORSTOM. Vol. 10. Mem. Mus. natn. Hist. nat., **156** : 145, 146.
- 1976 *Dromia dehaani* Sakai, *Crabs of Japan and the Adjacent Seas*,. 8, pl.2, fig.1.
- 2005 *Lauridromia dehaani*, Dev Roy and Bhadra, *Zool. Survey of India State Fauna Series 5 : Fauna of Andhra Pradesh*: 369.

*Material examined* : 2 Males off Chennai coast, RVCII collection, Registration Number 3254.

*Distribution* : Indo-Pacific. *India* : Vizag, Nellore, Gopalpur, Chennai, Trivandrum, Gulf of Mannar, Lakshadweep Islands.

*Elsewhere* : Java Coast, Hong Kong, Japan and Formosa.

*Remarks* : Carapace broader than long, 4 sub equal anterolateral teeth; dactyli as long as propodi in anterior ambulatory legs. Finger tips of chelae rose coloured.

#### Genus *Conchoecetes* Stimpson, 1858

##### 2. *Conchoecetes artificiosus* (Fabricius, 1798)

- 1899 *Conchoecetes artificiosus*, Alcock, *Jour. Asiat. Soc. Bengal* **68**(3). 151.
- 1907 *Conchoecetes artificiosus*, Stimpson, *Smithsonian . Miscel. Coll.*, **49** : 180.
- 1993 *Conchoecetes artificiosus*, Chopra, *Rec. Indian Mus.*, Vol. **35**(1) : 28.
- 1976 *Conchoecetes artificiosus*, Sakai, *Crabs of Japan and the Adjacent Seas*. 26, pl. 6, fig. 2.

*Material examined* : 3 Males off Chennai coast, Registration Number 3205.

*Distribution* : Indo-Pacific. *India* : Andaman Islands and Chennai.

*Elsewhere* : Hong Kong, Thailand, Sri Lanka, Persian Gulf and Queensland, Cape of Goodhope, Japan.

*Remarks* : This genus includes two species, i.e. *C. artificiosus* (Fabricius, 1798) and *C. andamanica*, Alcock; of these *C. andamanica* is restricted to Andaman Islands.

#### Subsection OXYSTOMATA De Haan, 1841

##### 2. Family DORIPPIDAE MacLeay, 1838

##### Genus *Dorippe* (*Dorippe*), Weber, 1795

##### 3. *Dorippe* (*Dorippe*) *frascone* (Herbst, 1785)

- 1896 *Dorippe dorsipes*, Alcock. *Jour. Asiat. Soc. Bengal*, **65** (2) : 277.

1969 *Dorippe (Dorippe) frascone*, Serene and Romi-Mohtarto, *Marine Research in Indonesia*, No. 9.6.

1976 *Dorippe (Dorippe) frascone*, Sakai, *Crabs of Japan and the Adjacent Seas*. 60, pl. 22, fig. 3.

*Material examined* : 4 Females, 3 Males off Chennai coast, Registration Number 3263.

*Distribution* : Indo-Pacific. *India* : Chennai, Gulf of Mannar.

*Elsewhere* : East Asia to Australia and East coast of Africa.

*Remarks* : Based on the structure of anterior pleopod of male, Serene and Romi-Mohtarto (1969) separated the old genus *Dorippe* into three genera *Dorippe*, *Paradorippe* and *Neodorippe*.

Genus *Paradorippe* Serene & Romimohtarto 1969

4. *Paradorippe granulata* (De Haan, 1841)

1849 *Dorippe granulata*, De Haan X *Crustacea*, In: *de Siebold, Fauna of Japonica*, (5) : 122.

1896 *Dorippe granulata*, Alcock. *Jour. Asiat. Soc. Bengal*, 65(2) : 279.

1976 *Paradorippe granulata* Sakai, *Crabs of Japan and the Adjacent Seas*. 62, pl. 22, fig. 2.

*Material examined* : 5 Males off Chennai coast, Registration Number 4865.

*Distribution* : Indo-Pacific. *India* : Chennai, Gulf of Mannar, Orissa Coast.

*Elsewhere* : Coast of Korea, North and South China and Formosa.

*Remarks* : The unique characteristic feature of this species is the complete absence of hairs in the 1<sup>st</sup> and 2<sup>nd</sup> legs.

3. Family LEUCOSIIDAE Dana, 1852

Subfamily PHILYRINAE Rathbun, 1937

Genus *Arcania* Leach, 1817

5. *Arcania undecimspinosa* de Haan, 1841

1896 *Arcania undecimspinosa*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 266.

1976 *Arcania undecimspinosa*, Sakai, *Crabs of Japan and the Adjacent Seas*. 91, pl. 28, fig. 1.

*Material examined* : 2 Males off Puducherry coast, Registration Number 3208.

*Distribution* : Indo-West Pacific. *India* : Andhra Pradesh, Chennai, Gulf of Mannar, Orissa coast and Andaman Islands.

*Elsewhere* : Seychelles Southward to Queensland coasts of China, Korea and Formosa.

*Remarks* : It is distinguished from other species of this genus by the globular carapace with eleven spines on its margin.

### 6. *Arcania quinquespinosa* Alcock and Anderson 1894.

1896 *Arcania quinquespinosa*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 266.

1965 *Arcania quinquespinosa*, Sakai, *Crabs of Japan and the Adjacent Seas*. 95. pl. 28, fig. 3

*Material examined* : 2 Males off Chennai coast from RVCI, Registration Number 3210.

*Distribution* : Indo-Pacific. *India* : Lakshadweep Islands, Chennai and Ganjam coast.

*Elsewhere* : Sri Lanka, Persian Gulf, Red Sea and Japan.

*Remarks* : This species is distinguished by the large bright-red mark with milk-white edged ocellous on the cardiac region of carapace.

### 7. *Arcania septemspinosa* (Fabricius, 1787)

1896 *Arcania septemspinosa*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 265.

1933 *Arcania septemspinosa*, Chopra *Rec. Indian Mus.*, 35(1) : 43.

1957 *Arcania septemspinosa*, Chhapgar Contribution No. 1 of the *Taraporevala Marine Biological Station*. 10. pl. 3,

*Material examined* : 3 Males, and 2 Females from Chennai coast, Registration Number 3235.

*Distribution* : Indo-West Pacific. *India* : Andaman Islands, Vizag, Orissa, Gulf of Kachchh, Delta of the Ganges, Gulf of Mannar, Chennai.

*Elsewhere* : Sri Lanka, Singapore, Japan.

*Remarks* : Margins of the carapace with seven spines 3 very large, 4 smaller.

### 8. *Arcania erinaceus* (Fabricius, 1798)

1896 *Arcania erinaceus*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 268.

1976 *Arcania erinaceus*, Sakai *Crabs of Japan and the Adjacent Seas.*, 92, text fig. 49.

*Material examined* : 4 Males off Chennai coast from RVCI Collection, Registration Number 5218.

*Distribution* : Indo-Pacific. *India* : Chennai, Gulf of Mannar.

*Elsewhere* : Sri Lanka, Singapore, Japan.

*Remarks* : Upper surface of carapace densely covered with sharp spinules fingers shorter than palm, marginal spines markedly long and covered with secondary spinules.

Genus *Myra* Leach, 1817

9. *Myra fugax* (Fabricius, 1798)

1896 *Myra fugax*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 202.

1976 *Myra fugax*, Sakai, *Crabs of Japan and the Adjacent Seas*. 101, pl. 27, fig. 4.

*Material examined* : 1 Male off Chennai Coast from RVCI, Registration Number 3207.

*Distribution* : Indo-Pacific. *India* : Gulf of Mannar, Andaman and Nicobar Islands, Chennai.

*Elsewhere* : Japan to Madagascar, Red Sea and East coast of Africa.

*Remarks* : The genus *Myra* includes twelve species distributed in the Indo-Pacific waters. The present collection includes two species i.e. *M. fugax* and *M. affinis*. In *M. fugax* the lateral spines of carapace are acute and the hepatic facet smooth. Chelipeds slender, hand long.

10. *Myra affinis* Bell, 1855

1896 *Myra affinis*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 205.

*Material examined* : 3 Males off Chennai coast from RVCI Collection, Registration Number 3239.

*Distribution* : Indian Ocean. *India* : Chennai, Andaman Islands, Ganjam Coast.

*Elsewhere* : Persian Gulf, Arkan, Mergui Archipelago.

*Remarks* : This species is distinguished from *Myra fugax* by the short cheliped, the dentiform lateral spines and granular hepatic facet of the carapace.

Genus *Ixoides* Mac Gilchrist, 1905

11. *Ixoides cornutus* Mac Gilchrist, 1905

1976 *Ixoides cornutus*, Sakai, *Crabs of Japan and the Adjacent Seas*, 102. pl.3, fig. 2, text figs. 56a,b.

1989 *Ixoides cornutus*, Chen, In : J. Forest (ed), *Resultats des Campagnes MUSORTUM*, 5. *Mem. Mus. nat.* (A) : 144.227. fig. 21a-c; pl. 1. fig 11; pl. 4; fig 4.

*Material examined* : 3 Males and 2 Females from Chennai coast from RVCI Collection, Registration Number 3214.

*Distribution* : Indo-Pacific

*India* : Chennai, Andhra coast.

*Elsewhere* : Japan, Hong Kong and Persian Gulf.

*Remarks* : This species resembles *Ixa inermis* in having a petaloid tubercle on the posterior border and lateral process; but differs in having smooth carapace.

Genus *Ixa* Leach, 181512. *Ixa edwardsii* Lucas 1858

1896 *Ixa inermis*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 272.

1971 *Ixa inermis*, Suseelan, *J. Mar. biol. Ass. India*, 13(1) : 137-139.

*Material examined* : 3 Males and 2 Females off Chennai coast from RVCi Collection, Registration Number 3271.

*Distribution* : Indian Ocean. *India* : Orissa Coast, Chennai, Gulf of Mannar, Sand heads.

*Elsewhere* : Australia

*Remarks* : The distribution of this species is restricted to Indian Ocean.

13. *Ixa cylindrus* (Fabricius, 1787)

1896 *Ixa cylindrus*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 271.

1933a *Ixa cylindrus*, Chopra, *Rec. Indian Mus.*, 35(1) : 45, text fig.6.

*Material examined* : 2 Males off Chennai coast, Registration Number 5219.

*Distribution* : Indo-Pacific. *India* : Andaman Islands and Chennai, Andhra Pradesh, West Bengal.

*Elsewhere* : Sri Lanka, East coast of Africa.

*Remarks* : It is distinguished from the closely related *Ixa inermis* by the deeply cut channels of carapace and by the abruptly acuminate lateral processes.

Genus *Parilia* Wood-Mason, 189114. *Parilia alcocki* Wood-Mason, 1891

1896 *Parilia alcocki*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 198.

*Material examined* : 3 Males off Chennai coast from RVCi Collection, Registration Number 3213.

*Distribution* : Bay of Bengal. *India* : Orissa Coast, Godavari delta, Chennai.

*Remarks* : The distribution of this species is restricted to Bay of Bengal.

Genus *Philyra* Leach, 181715. *Philyra globosa* (Fabricius, 1787)

1894 *Philyra globosa*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 243.

2005 *Philyra globosa*, Dev Roy and Bhadra, *Zool. Survey of India State Fauna Series, 5 : Fauna of Andhra Pradesh* : 398.

**Material examined :** 4 Males off Chennai coast from RVCi Collection, Registration Number 5220.

**Distribution :** Indian Ocean. *India* : From the mouth of River Hugli to Chennai, Mumbai coast, Travancore, Andaman Islands.

**Elsewhere :** Karachi, Sri Lanka, South Africa.

**Remarks :** This species is distinguished from other species of the genus by the smooth carapace, epistome projecting beyond the front and by the smooth abdominal tergum.

**16. *Philyra globulosa* H. Milne Edwards, 1837**

1895 *Philyra globulosa*, Alcock *Jour. Asiat. Soc. Bengal*, 65(2) : 245.

2005 *Philyra globulosa*, Dev Roy and Bhadra, *Zool. Survey of India State Fauna Series, 5 : Fauna of Andhra Pradesh* : 399.

**Material examined :** 4 Males off Kasimedu fish landing centre, Registration Number 3225.

**Distribution :** Indian Ocean. *India* : Chennai and Gulf of Mannar, Andhra Pradesh, Orissa, Sand heads at mouth of River Hugli, Travancore and Andaman Islands.

**Elsewhere :** Persian Gulf, South Africa.

**Remarks :** It is distinguished from the other closely related *P. globosa* by the fingers in the male strongly bent inwards and median denticle in the 6<sup>th</sup> abdominal tergum. The geographic distribution of this species is restricted to Indian Ocean.

**17. *Philyra scabriuscula* (Fabricius, 1798)**

1896 *Philyra scabriuscula*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 239.

1977. *Philyra scabriuscula*, Kanthabai and Rama Rao, *Newsletter. Zool. Surv. India*, 3(6) : 369.

**Material examined :** 2 Males off Chennai coast from RVCi Collection, Registration Number 5221.

**Distribution :** Indian Ocean. *India* : Vizag, Gopalpur, Chennai, Karwar, Travancore, and Nicobar Islands.

**Elsewhere :** Persian Gulf, South Africa, Red Sea and Australia.

**Remarks :** This species usually inhabits the intertidal area but very often it comes in trawl and dredge collections and exhibits a variety of colour patterns.

## Subfamily LEUCOSINAE Miers, 1886

Genus *Leucosia* Weber, 179518. *Leucosia anatum* (Herbst, 1783)

1896 *Leucosia longifrons*, var *putchemina*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 217.

1976 *Leucosia anatumn*, Sakai, *Crabs of Japan and the Adjacent Seas.*, 116, pl. 34, fig 1-3.

*Material examined* : 1 Male off Chennai coast, Registration Number 3241.

*Distribution* : Indo-Pacific. *India* : Chennai, Gulf of Mannar and Andaman Islands.

*Elsewhere* : Northwest Australia, Japan, China Formosa, Hong Kong, Gulf of Thailand.

*Remarks* : Anterior edge of thoracic sinus deeply, invaginated, postorbital neck long and slender, edge of front obtusely triangular and thin; merus of chelipeds slender in whole its length.

19. *Leucosia craniolaris* (Linnaeus, 1758)

1896 *Leucosia craniolaris*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 231.

1933 *Leucosia craniolaris*, Chopra, *Rec. Indian, Mus.* 35, 33.

1976 *Leucosis craniolaris*, Sakai, *Crabs of Japan and the Adjacent Seas*, 122, pl.35, fig. 3.

*Material examined* : 1 Male off Chennai coast from RVCi Collection, Registration Number 3240.

*Distribution* : Indo-Pacific. *India* : Sand heads at the mouth of River Hugli, Gulf of Mannar, Andhra coast, Malabar coast.

*Elsewhere* : North-west Australia, Japan, China Formosa, Hong Kong, Gulf of Thailand.

*Remarks* : Margins of front with a median tooth. Carapace is longitudinally striped by dark brownish colouration.

20. *Leucosia rhomboidalis* De Haan, 1841

1896 *Leucosia rhomboidalis*, Alcock, *Jour. Asiat. Soc., Bengal*, 65(2) : 234.

1933 *Leucosia rhomboidalis*, Chopra, *Rec. Indian, Mus.* 35(1) : 32.

1976 *Leucosia rhomboidalis*, Sakai, *Crabs of Japan and the Adjacent Seas.* 123, pl. 35, fig. 65.

*Material examined* : 3 Males off Chennai coast, RVCi Collection, Registration Number 3272.

*Distribution* : Indo-Pacific. *India* : Chennai, Gulf of Mannar and Andaman Islands.

*Elsewhere* : Sri Lanka, Japan, Hong Kong, Manila and Japan.

**Remarks** : Carapace rhomboidal in outline with three ocelli on either side of the gastric and one near the hepatic region.

**21. *Arcamia heptacantha* de Haan, 1861**

1976 *Arcamia heptacantha* Sakai, *Crabs of Japan and the Adjacent Seas*, 94, text fig. 51.

**Material examined** : 2 Males, 1 Female off Chennai coast, Registration Number 3273.

**Distribution** : Indo-Pacific. *India* : Chennai, Gulf of Mannar.

**Elsewhere** : Japan, Gulf of Thailand and Singapore.

**Remarks** : Margins of Carapace armed with seven spines, of which the two lateral are most prominent.

**22. *Leucosia pubescens* Miers, 1886**

1896 *Leucosia pubescens*, Alcock, *Jour. Asiat. Soc. Bengal* 64(2) : 233.

1957 *Leucosia pubescens*, Chhappgar, *Contribution No.1 of the Taraporevala Marine Biological Station*, 8, plate 2.

**Material examined** : 1 Male from RVCI collection, Registration Number 3274.

**Distribution** : Indo-Pacific. *India* : Chennai, Gulf of Mannar, Mumbai Coast, Andaman Islands.

**Elsewhere** : Persian Gulf, Thailand, Mergui Archipelago, Hong Kong and Australia.

**Remarks** : Carapace sharply hexagonal in shape. Thoracic sinus is shallow. The male abdomen consists of three segments. Margins of carapace armed with seven spines, of which the two lateral are most prominent.

**4. Family CALAPPIDAE de Haan, 1833**

**Subfamily CALAPPINAE de Haan, 1833**

**Genus *Calappa* Weber, 1795**

**23. *Calappa lophos* (Herbst, 1790)**

1933 *Calappa lophos*, Chopra, *Rec. Indian, Mus.* 35(1) : 28.

1976 *Calappa lophos*, Sakai, *Crabs of Japan and the Adjacent Seas*. 129. pl. 37. fig. 2.

1997 *Calappa lophos*, Galil, In : A Crosnier. (ed). *Resultats des Campagnes MUSORTOM*, 18. *Mem. MUS. Natn. Hist. nat.* 176; 302, figs. 16, 17a, 20a, 32. 35c.

**Material examined** : 2 Males and 1 Female from RVCI Collections, Chennai coast, Registration Number 5222.

**Distribution** : Indo-Pacific. **India** : Chennai, Andhra Pradesh, Orissa, Gulf of Mannar, Karwar, Travancore and Mumbai coast. Andaman and Lakshadweep Islands.

**Elsewhere** : Persian Gulf, Dardanelles, Sri Lanka, Thailand, Japan, Celebes, Amboina, Australia.

**Remarks** : It is easily distinguished by the smooth carapace, beaded posterior border bounded on either side by an indistinct tooth. Clypeiform expansions well developed.

#### 24. *Calappa terraereginae* Ward, 1936

1976 *Calappa terraereginae*, Sakai, *Crabs of Japan and the Adjacent Seas*, 130. text fig. 72a,b.

**Material examined** : 4 Males from Chennai coast from RVC collection, Registration Number 5223.

**Distribution** : Indo-Pacific. **India** : Chennai.

**Elsewhere** : North East and Western Australia and Korea coast.

**Remarks** : It is easily distinguished from other species by its posterior border produced beyond the level of the posterior margins of clypeiform expansions. Free margins of clypeiform expansions cut into six teeth.

#### 25. *Calappa philargius* (Linnaeus, 1758)

1896 *Calappa philargius*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 145.

1976 *Calappa philargius*, Sakai, *Crabs of Japan and the Adjacent Seas*, 130. pl. 37. fig.2.

**Material examined** : 3 Males and 1 Female from Chennai coast RVC Collection, Registration Number 3255.

**Distribution** : Indo-Pacific. **India** : Chennai, Cochin, Andaman Nicobar Islands.

**Elsewhere** : North East and Western Australia and Korea coast. Persian Gulf, Java, Srilanka.

**Remarks** : Posterior border with three prominent spines, one in the middle and one on either side, upper orbital margins marked by an incomplete loop of chocolate red.

#### 26. *Calappa gallus*, (Herbst, 1803)

1894 *Calappa gallus*, Alcock. *Jour. Asiat. Soc. Bengal*, 65(2) : 146

1976 *Calappa gallus*, Sakai, *Crabs of Japan and the Adjacent Seas*, 131.pl.39, fig.2.

**Material examined** : 3 Males off Chennai coast, Registration Number 3253.

**Distribution** : Indo-Pacific. **India** : Chennai, Gulf of Mannar.

**Elsewhere** : Red Sea, Pacific and Atlantic Ocean.

**Remarks** : Carapace covered with coarse tubercles which become squamiform towards the posterior surface, hepatic regions strongly depressed.

27. *Calappa japonica* Ortmann, 1892

1896 *Calappa exanthematosa*, Alcock and Anderson, *Jour. Asiat. Soc. Bengal*, 65(2) : 146.

1976 *Calappa japonica* Sakai, *Crabs of Japan and the Adjacent Seas*, 133, pl. 40, fig. 2.

**Material examined** : 5 Males and 2 Females from Chennai coast, RVCI Collection, Registration Number 3248.

**Distribution** : Indo-Pacific. *India* : Chennai, Orissa Coast.

**Elsewhere** : South Africa, Japan.

**Remarks** : The large size and smooth mammillary tubercles with red base and yellow apex distinguishes this species.

28. *Calappa pustulosa* Alcock, 1896

1896. *Calappa pustulosa*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 147.

1976. *Calappa pustulosa*, Sakai, *Crabs of Japan and the Adjacent Seas*, 134. pl. 41. fig. 1.

**Material examined** : 3 Males off Chennai coast, RVCI Collection, Registration Number 3256.

**Distribution** : Indo-Pacific. *India* : Visakapatnam, Sunderbans, Ganjam Coast, Chennai.

**Elsewhere** : Australia, Red Sea and South Africa, Japan, China to Southern Asia.

**Remarks** : Carapace subcircular; five obtuse teeth around the clypeiform expansions Carapace covered with large tubercles arranged in seven parallel rows.

Subfamily Matutinae Alcock, 1896

Genus *Matuta* Weber, 1795

29. *Ashtoret lunaris* Forskal, 1775

1896 *Matuta victor*, Alcock, *Jour. Asiat. Soc. Bengal*, 65(2) : 160.

1927 *Matuta victor*, Gravely *Bull. Madras Govt. Mus, Nat, Hist.*, 1(142).

1951 *Matuta lunaris*, Pillai, *Bull. Central Res. Univ. Ser. C.* 2(1) : 10.

1976 *Matuta lunaris*, Sakai *Crabs of Japan and the Adjacent Seas.* 140. pl. 44, fig. 1.

1994 *Ashtoret lunaris*, Galil and Clark, *Zool. Verh., Leiden*, 294 : 5.

**Material examined** : 4 Males off Chennai coast, RVCI Collection, Registration Number 3219.

**Distribution** : Indo-Pacific. **India** : Sundarbans, Chennai, Gulf of Mannar, Andaman islands, Karwar, Mumbai.

**Elsewhere** : Australia, Red Sea and South Africa, Japan, China to Southern Asia.

**Remarks** : A distinct spine at the angle of palm where it come in contact with the external angle of wrist clearly distinguish the species from other species of this genus.

### 30. *Matuta plainpes* Fabricius, 1798

1896 *Matuta lunaris*, Alcock, *Jour. Asiat. Soc., Bengal*, **65** : 161.

1937 *Matuta planipes*, Chopra and Das, *Rec. Indian Mus.*, **35**,(1) : 384.

1976 *Matuta planipes*, Sakai, *Crabs of Japan and the Adjacent Seas*, 141, pl. 44, fig. 2.

**Material examined** : 2 Males off Kovalam beach, Registration Number 5224.

**Distribution** : Indo-Pacific. **India** : Gulf of Mannar, Lakshawdeep, Andaman and Nicobar Islands, Chennai, Mumbai, Chilka lake, Sunderbans.

**Elsewhere** : West Australia, Japan and North China.

**Remarks** : The presence of a tubercle at the angle where the propodus comes in contact with the distal lobule of the merus clearly distinguish this species. Carapace coloured with rings or vermicular lines of minute reddish dots.

### 31. *Ashtoret miersi* (Henderson, 1887)

1896 *Matuta miersi*, Alcock, *Jour. Asiat. Soc. Bengal*, **64**(2) : 163.

1976 *Matuta miersi*, Sakai *Crabs of Japan and the Adjacent Seas*, 142, pl. 4a-b, fig 2c-d.

1994 *Ashtoret miersi*, Galil and Clark, *Zool. Verh., Leiden*, **294** : 13

2005 *Ashtoret miersi*, Dev Roy and Bhadra, *Zool. Survey of India State Fauna Series, 5 : Fauna of Andhra Pradesh* : 382.

**Material examined** : 4 Males from Ennore coast, Registration Number 5225.

**Distribution** : Indo-Pacific. **India** : Vizag, Mahanadi estuary, Chennai, Gulf of Mannar.

**Elsewhere** : Sri Lanka and Japan.

**Remarks** : Front broader than orbit, the longitudinal ridge of the dectylus of chelipeds smooth and not at all striated; Carapace uniformly covered with reddish spots and marked by irregular vermiculated whitish mottles.

Subsection *Oxyrhyncha* Latreille, 1803

5. Family *Majidae* Samouelle, 1819

Subfamily *Pisinae* Alcock, 1895

Genus *Naxoides* A. Milne Edwards, 1865

32. *Naxoides mammillata* (Ortmann, 1893)

1976 *Naxoides mammillata*, Sakai, *Crabs of Japan and the Adjacent Seas*, 217, pl. 75, fig. 1,2.

**Material examined** : 2 Males and 2 Females from Kasimedu fish landing centre, Registration Number 3247.

**Distribution** : Indo-Pacific. *India* : Chennai.

**Elsewhere** : Japan, Solomon Bank.

**Remarks** : Carapace elongate triangular in outline, spines of carapace basally swollen and conical, their tips accumulate. Rostral spines much more longer than half the length of carapace ambulatory legs thick and their meri unarmed.

Genus *Phalangipus* Latreille, 1825

33. *Phalangipus hystrix* Miers, 1886

1895 *Naxia hystrix*, Alcock, *Jour. Asiat. Soc. Bengal*, 64(2) : 220.

1895 *Egeria investigatoris*, Alcock, *Jour. Asiat. Soc. Bengal*, 64(2) : 225.

1976 *Phalangipus hystrix*, Sakai, *Crabs of Japan and the Adjacent Seas*, 219.

**Material examined** : 4 Males from Chennai coast, RVC Collection, Registration Number 3222.

**Distribution** : Indo-Pacific. *India* : Andaman islands, Chennai.

**Elsewhere** : Sri Lanka, Red Sea, East China, Philippines, Japan, Malay Archipelago and Australia.

**Remarks** : This species differs from *P. filiformis* in having rostral spines armed with subdistal accessory spinule palm of chelipeds cylindrical and slender. This species has been previously recorded from off Sri Lanka and described by Alcock as *Egeria investigatoris* and from Andaman islands as *Naxia hystrix*.

34. *Phalangipus filiformis* Rathbun, 1916

1976 *Phalangipus filiformis*, Sakai, *Crabs of Japan and the Adjacent Seas*, 220.

**Material examined** : 5 Males and 3 Females off Tuticorin coast, Registration Number 5226.

*Distribution* : Indo-Pacific. *India* : Chennai, Vizag, Kakinada.

*Elsewhere* : Japan, South China Sea, Philippines and Malay Archipelago

*Remarks* : Spine of intestinal regions not prominent, not projecting backwards. Palms of the Chelipids swollen and very thick.

Genus *Chorilibinia* Lockington, 1876

35. *Chorilibinia andamanica* Alcock, 1895

1895 *Chorilibinia andamanica*, Alcock, *Jour. Asiat. Soc. Bengal*, 64(2) : 222.

*Material examined* : 3 Males off Royapuram, Registration Number 5163

*Distribution* : India : Andaman Islands and Chennai.

*Remarks* : The sternum between the chelipeds carries a pair of very strong sharp teeth.

Genus *Hyastenus* White, 1847

36. *Hyastenus aries* Latreille. 1825

1860 *Hyastenus aries*, Miers, *H.M.S. Challenger, Zool.*, 17(29), 56.

1895 *Hyastenus aries*, Alcock. *Jour. Asiat. Soc. Bengal*, 64, 210.

1935 *Hyastenus dicanthus*, Chopra, *Rec. Indian Mus.*, 37, 466.

*Material examined* : 3 Males from Chennai coast, RVCi Collection, Registration Number 3270.

*Distribution* : Indo-Pacific. *India* : Orissa Coast, Chennai, Gulf of Mannar.

*Elsewhere* : Gulf of Martaban, Straits of Malacca.

*Remarks* : Carapace pyriform, when detuded smooth and polished, Two gastric tubercles in the mid-line.

Genus *Doclea* Leach, 1814

37. *Doclea ovis* (Fabricius 1787)

1895 *Doclea ovis*, Alcock. *Jour. Asiat. Soc. Bengal*, 64(2) : 227

1976 *Doclea ovis*, Sakai. *Crabs of Japan and the Adjacent Seas*, 231, pl. 80, fig. 2.

1986 *Doclea ovis*, Wagner. *Bull. Mus. natn. Hist. nat*; Paris, Ser. 4, 8 : 897, figs 1-4, pls. 1, 2.

*Material examined* : 4 Males off Puducherry coast, Registration Number 4858

*Distribution* : Indo-West Pacific. *India* : Chennai, Gulf of Manner, Orissa and Vizag Coast.

**Elsewhere** : Singapore, Hong Kong and Japan, Arakan coast.

**Remarks** : Carapace with no spines in median line branchial region with 3 short spines on anterolateral margin, last of which is very small and tuberciform.

**38. *Doclea hybrida* (Fabricius, 1798)**

1834 *Doclea hybrida*, Milne Edwards, *Histoire naturelle des Crustaces, Paris*, 1(294)

1895 *Doclea hybrida*, Alcock, *Jour. Asiatic Soc. Bengal*, 64(2) : 226.

1977 *Doclea hybrida*, Kantha Bai and Rao, *Newsl. Zool. Surv. India*, 3(6) : 370.

**Material examined** : 4 Males off Chennai coast, RVCi Collection, Registration Number 3265.

**Distribution** : Bay of Bengal. *India* : Andhra Pradesh, Chennai, Ratanagiri, Gulf of Mannar

**Elsewhere** : Sri Lanka.

**Remarks** : Pterygostomian region not canaliculated carapace globular; tubercles not spines on carapace.

**39. *Doclea muricata* (Fabricius 1787)**

1834 *Doclea muricata*, Milne Edwards, *Histoire naturelle des Crustaces, Paris*, (1) : 355.

1895 *Doclea muricata*, Alcock, *Jour. Asiat. Soc. Bengal*, 64(2) : 227.

1986 *Doclea muricata*, Wagner, *Bull. Mus. Natn. Hist. Nat. Paris, Ser 4*, 8 : 911.

**Material examined** : 3 Males off Chennai coast, RVCi Collection, Registration Number 3216.

**Distribution** : Indian Ocean. *India* : Andhra coast, Chennai, Gulf of Mannar, Cochin Harbour, Rathanagiri.

**Elsewhere** : South Africa, Sri Lanka, Malaysia

**Remarks** : It differs from all other species of the genus *Doclea* in having 5 series of large sharp spines on the carapace.

**40. *Doclea canalifera* Stimpson, 1857**

1895 *Doclea canalifera*, Alcock, *Jour. Asiat. Soc. Bengal*, 64(2) : 228

1976 *Doclea canalifera*, Sakai, *Crabs of Japan and the Adjacent Seas*, 231, pl. 80, fig. 1.

**Material examined** : 3 Males off Chennai Coast, RVCi Collection, Registration Number 3267.

**Distribution** : Indo-Pacific. *India* : Travancore, Orissa, Mouth of River Hugli.

*Elsewhere* : Singapore, Hong Kong, Japan, Arakan, China, Sri Lanka.

*Remarks* : Carapace with 3 spines in middle line, one each of posterior gastric, cardiac and intestinal, last one prominent and horizontally produced backwards, anterolateral border with 4 spines last one being largest.

Family PARTHENOPIDAE MacLeay, 1838

Subfamily PARTHENOPINAE MacLeay, 1838

Genus *Parthenope* Weber, 1795

Subgenus *Parthenope* Weber, 1795

41. *Parthenope (Parthenope) longimanus* (Linnaeus, 1764)

1895 *Lamburs longimanus*, Alcock, *Jour. Asiat. Soc. Bengal*, 64(2) : 260

1896 *Parthenope (Parthenope) longimanus*, Sakai, *Crabs of Japan and the Adjacent Seas*, 266, text fig. 144.

*Material examined* : 2 Males off Chennai coast, RVCi Collection, Registration Number 3260

*Distribution* : Indo-West Pacific. *India* : Travancore, Andaman Islands, Chennai, Gulf of Mannar, Andhra Pradesh.

*Elsewhere* : Japan, Philippines, Gulf of Thailand, Ambonia, Celebes, Java, New Guinea, Australia westwards to Singapore, Sri Lanka and Maruities.

*Remarks* : It is one of the common species occurring throughout the year in the Madras Coast.

Subgenus *Platylambrus* Stimpson 1871

42. *Parthenope (Platylambrus) echinatus* (Herbst 1796)

1895 *Lambrus echinatus*, Alcock, *Jour. Asiat. Soc. Bengal*, 64(2) : 264.

*Material examined* : 3 Males off Chennai coast, Registration Number 3279.

*Distribution* : Indo-Pacific. *India* : Chennai, Gulf of Mannar.

*Elsewhere* : Sri Lanka, Singapore, Korea and Australia.

*Remarks* : The characteristic form of beak and elevated regions of the carapace enable us to distinguish this species.

Subfamily AETHRINAE Dana, 1851

Genus *Cryptopodia* H. Milne Edwards, 1834

43. *Cryptopodia fornicata* (Fabricius 1781)

1895 *Cryptopodia fornicata*, Alcock, *Jour. Asiat. Soc. Bengal*, Vol. 64(2) : 282.

1976 *Cryptopodia fornicata*, Sakai, *Crabs of Japan and the Adjacent Seas*, 292. text fig. 163.

**Material examined** : 1 Male off Chennai coast, RVCi Collection, Registration Number 3231.

**Distribution** : Indo-Pacific. *India* : Chennai, Orissa Coast, Palk straits, Andaman Islands.

**Elsewhere** : Singapore, Australia, Sri Lanka, Gulf of Martaban, Persian Gulf, Pacific Ocean, Japan, China Sea and Philippines.

**Remarks** : The smooth surface of carapace with the exception of depression and the unbroken posterolateral margin and the form of rostrum clearly separate this species from *Cryptopodia angulata*.

**44. *Cryptopodia angulata* H. Milne Edwards and Lucas, 1841**

1895 *Cryptopodia angulata*, Alcock. *Jour. Asiat Soc. Bengal*, 64(2) : 283.

1935 *Cryptopodia angulata*, Chopra. *Rec. Indian. Mus*, 37(4) : 473.

1998 *Cryptopodia angulata*, Chiong. and Ng, P.K.L. *Raffles Bull. Zool.*, 46(1) : 181, figs, 16 a-c, 17 A-E, 21A.

**Material examined** : 3 Males and 2 Females from Chennai coast, RVCi Collection, Registration Number 5227.

**Distribution** : Indian Ocean. *India* : Sand heads at the mouth of River Hugli, Mumbai, Chennai, Gopalpur, Gulf of Kachchh.

**Elsewhere** : Pakistan, Sri Lanka, Malayasia and Thailand.

**Remarks** : Carapace, Convex, Sharply pentagonal, posterior and postero lateral margins deeply dentated.

Subsection BRACHYRHYNCHA Borradi, 1903

7. Family XANTHIDAE Alcock, 1898

Subfamily XANTHINAE Alcock, 1898

Alliance Halimedoida Alcock, 1898

Genus *Halimede* de Haan, 1835

**45. *Halimede ohtodes* (Herbst, 1783)**

1898 *Polycremnus ohtodes*, Alcock, *Jour. Asiat. Soc. Bengal*, 67(1) : 135.

1939 *Halimede ohtodes*, Sakai *Crabs of Japan and the Adjacent seas*, 387, text fig. 208b.

**Material examined** : 3 Males off Chennai coast, RVCi Collection, Registration Number 5228.

*Distribution* : Indo-Pacific. *India* : Gulf of Mannar and Chennai.

*Elsewhere* : Penang, Singapore, Gulf of Thailand, Hong Kong and Japan.

*Remarks* : Tubercles of Carapace and chelipeds ill isolated and their surface rounded and smooth.

Genus *Liagore* de Haan, 1833

46. *Liagore rubromaculata* de Haan, 1835

1898 *Liagore rubromaculata*, Alcock, *Jour. Asiat. Soc. Bengal*, 64, 93.

1976 *Liagore rubromaculata*, Sakai, *Crabs of Japan and the Adjacent Seas*, 389, pl. 136; fig.1.

*Material examined* : 5 Males and 3 Females from Royapuram Fish landing centre, Registration Number 3234

*Distribution* : Indo-Pacific. *India* : Chennai, Gulf of Mannar, Sandheads at Mouth of River Hugli.

*Elsewhere* : Hong Kong and Japan.

*Remarks* : The genus *Liagore* includes two species namely *L.rubromaculata* and *L. erythematica*.

Alliance *Xanthoida* Alcock, 1898

Genus *Demania* Laurie, 1906

47. *Demania scaberrima* (Walker, 1887)

1898 *Xantho (Lophoxanthus) scaberrimus*, Alcock, *Jour. Asiat. Soc. Bengal*, 67(2) : 116.

1976 *Demania scabberrima*, Sakai, *Crabs of Japan and the Adjacent Seas*, 420, pl. 151, fig.2.

*Material examined* : 2 Males and 1 Female off Chennai coast, RVCi Collection, Registration Number 5229

*Distribution* : Indo-Pacific. *India* : Chennai.

*Elsewhere* : Singapore, Gulf of Thailand, Hong Kong and Japan.

*Remarks* : The scaly tubercles on the entire body of the animal clearly distinguish this species.

48. *Demania splendida* Laurie, 1906

1906 *Demania splendida* Laurie, *Ceylon Pearl Oyster Fisheries Report, London* 5 : 397, pl. 1. fig. 8, and pl. 2 fig. 1.

*Material examined* : 2 Males, Chennai, Registration Number 3237.

*Distribution* : Indo-West Pacific. *India* : Chennai, Gulf of Mannar.

*Elsewhere* : Sri Lanka, Madagaskar.

*Remarks* : Chelipeds of equal size, arm, wrist and hand subdivided by pubescent grooves, upper border of hand armed with a row of 6 or 7 blunt teeth or tubercles.

49. *Demania baccalipes* (Alcock, 1898)

1897 *Xantho (Lophoxanthus) scaberrimus var baccalipes*, Alcock, *Jour. Asiat. Soc. Bengal*, 67(2) : 117.

1957 *Xantho (Lophoxanthus) scaberrimus var baccalipes*, Chhapgar, *Contribution of Tharapurevalla Marine Biological Station*, 29, pl.8.

1976 *Demania baccalipes*, Sakai, *Crabs of Japan and the Adjacent Seas*, 421. pl. 151, fig. 1.

*Material examined* : 2 Males and 1 Female from Chennai coast, RVCi Collection, Registration Number 3244.

*Distribution* : Indo-Pacific. *India* : Gulf of Mannar, Mumbai, Chennai.

*Elsewhere* : Sri Lanka, Japan

*Remarks* : Carapace and chelipeds covered with large depressed tubercles; anterior border of ambulatory legs marked with wart like tubercles.

50. *Atergatis floridus* (Linnaeus, 1767)

1898 *Atergatis floridus* Alcock, *Jour. Asiat. Soc. Bengal*, 67(2) : 98.

1957 *Atergatis floridus*, Chhapgar, *Contribution No. 1 of Tharapurevalla Marine Biological Station*, 28.

1976 *Atergatis floridus*, Sakai, *Crabs of Japan and the Adjacent Seas*, 409. pl. 148, fig. 2.

*Material examined* : 2 Males off Gulf of Mannar, Registration Number 3203.

*Distribution* : Indo-Pacific. *India* : Mumbai, Gulf of Mannar, Chennai, Andaman and Nicobar, Lakshadweep Islands.

*Elsewhere* : South Africa, Red Sea, Karachi, Thailand, Philippines, Australia and Japan.

*Remarks* : Carapace narrow, its dorsal surface convex and regions fairly well defined; upper inner border of palm sharply crested.

51. *Atergatis integerrimus* (Lamarck, 1801)

1898 *Atergatis integerrimus*, Alcock, *Jour. Asiat. Soc. Bengal*, 67(1) : 95.

1976 *Atergatis integerrimus*, Sakai, *Crabs of Japan and Adjacent Seas*, 410, pl. 147, fig. 2.

*Material examined* : 2 Males from Chennai coast, Registration Number 3302

*Distribution* : Indo-West Pacific. *India* : Mumbai, Karwar, Gulf of Mannar, Andaman and Lakshadweep Islands.

*Elsewhere* : East coast of Africa, Mergui Archipelago, Singapore, Hong Kong and Japan.

*Remarks* : Frontal margin weakly sinuate, dorsal surface of carapace excepting middle and posterior part distantly pitted.

**52. *Leptodius exaratus* (H. Milne Edwards, 1834)**

1898 *Xantho(Leptodius)exaratus*, Alcock. *Jour. Asiat. Soc. Bengal*, 57(1) : 118.

1962 *Leptodius exaratus*, Sankarankutty, *J. mar. biol. Ass. India*. 4(1) : 129.

1976 *Leptodius exaratus*, Sakai 1976 *Crabs of Japan and the Adjacent Seas*, 423, pl. 153, fig. 1.

*Material examined* : 3 Males from Chennai coast, RVCI Collection, Registration No 3282

*Distribution* : Indo-West Pacific. *India* : Palk Bay, Gulf of Mannar, Andaman Islands Mumbai coast.

*Elsewhere* : Persian Gulf, Polynesia, Australia, Malaysia, Sri Lanka and Maldives.

*Remarks* : It can be identified by its convex carapace from before backwards but almost flat from side to side. Antero-lateral margin of carapace cut into four teeth.

**Family CARPILIDAE, Ortmann, 1893**

**Genus *Carpilius* Leach, 1823.**

**53. *Carpilius maculatus* (Linnaeus, 1758)**

1898 *Carpilius maculatus*, Alcock, *Jour. of Asiat. Soc. Bengal*, 67, 79.

1976 *Carpilius maculatus*, Sakai, *Crabs of Japan and the Adjacent Seas*, 388, pl. 137.

*Material examined* : 3 Males off Andaman Islands coast, Registration No. 4782.

*Distribution* : Indo-Pacific. *India* : Gulf of Mannar, Chennai, Andaman Islands.

*Elsewhere* : East Coast of Africa, Red Sea, Hawaii.

*Remarks* : Carapace with symmetrically disposed 11 large red blots, front deflexed and its median lobe bilobed.

**Alliance Galenoida Alcock, 1898**

**Genus *Galene* De Haan, 1833**

**54. *Galene bispinosa* (Herbst, 1783)**

1897 *Galene bispinosa*, Alcock, *Jour. Asiat. Soc. Bengal*, 67(2) : 136.

1976 *Galene bispinosa*, Sakai, *Crabs of Japan and the Adjacent Seas*, 441. pl. 157, fig. 4.

*Material examined* : 3 Males off Chennai coast, Registration Number 4780.

**Distribution** : Indo-Pacific. *India* : Mumbai, Visakapattinam, Gangetic delta, Gulf of Mannar, Chennai.

**Elsewhere** : Queensland, Singapore, Hong Kong, Japan, Formosa and China.

**Remarks** : It shows remarkable variation in the colour pattern Carapace pentagonal, anterolateral border four lobed; inner and outer angles of wrist spiniform.

Subfamily ACTAEINAE Alcock, 1898

Genus *Actaea* De Haan, 1833

55. *Actaea savignyi* (H. Milne Edwards, 1834)

1898 *Actaea granulata*, Alcock, *Jour. Asiat. Soc. Bengal*, 67(2) : 151.

1976 *Actaea savignyi*, Sakai, *Crabs of Japan and the Adjacent Seas*, 442, pl. 158, fig.2.

**Material examined** : 2 Males Chennai coast, RVCi Collection, Registration Number 3240.

**Distribution** : Indo-Pacific. *India* : Ganjam Coast, Chennai, Gulf of Mannar, Lakshdweep Islands.

**Elsewhere** : Seychelles, Persian Gulf, Red Sea, Sri Lanka, Maldives, Malaya, Peninsula, Hong Kong, Australia, New Zealand, Karachi and Malacca.

**Remarks** : This species occurs very rarely in Chennai and is distinguished by its mulberry-like carapace.

Subfamily MENIPPINAE Ortmann, 1893

Genus *Ozius* H. Milne Edwards, 1834

56. *Ozius rugulosus* Stimpson, 1858

1898 *Ozius rugulosus*, Alcock, *Jour. Asiat. Soc. Bengal*, 67(2) : 182.

1976 *Ozius rugulosus*, Sakai, *Crabs of Japan and the Adjacent Seas*, 472, pl. 168, fig. 1.

**Material examined** : 5 Males and 3 Females from Chennai coast, Registration Number 4779.

**Distribution** : Indo-Pacific. *India* : Mumbai, Karwar, Andaman and Nicobar Islands, Chennai.

**Elsewhere** : South Africa, Red Sea, Denison, New Caledonia, Samoa, Japan to Tahiti.

**Remarks** : Carapace transeversely oval, anterolateral borders divided into lobes. Branchial regions traversed by two ridges, which run respectively from 3<sup>rd</sup> and 4<sup>th</sup> antero lateral lobes.

## Family PILUMNIDAE, Samouelle, 1819

57. *Pilumnus scabriusculus* Adams and White, 1848

1898 *Pilumnus sluiteri*, Alcock, *Jour. Asiat. Soc. Bengal*, 67 : 194

1976 *Pilumnus scabriusculus*, Sakai, *Crabs of Japan and the Adjacent Seas*, 486, text fig. 259.

*Material examined* : 2 Males and 1 Female off Chennai coast, RVCi Collection, Registration Number 3277.

*Distribution* : Indo-Pacific. *India* : Andaman and Nicobar Islands, Gulf of Mannar and Chennai.

*Elsewhere* : Philippines, Malay Archipelago, Samoa, Paulo Edam, Aldabra and Penang.

*Remarks* : The teeth on anterolateral borders and also on fingers are not very long and less acuminate; hairs are tufted and occur around the granules or pits.

## 8. Family GONEPLACIDAE Dana, 1851.

## Subfamily CARCINOPLACINAE Miers, 1886

Genus *Carcinoplax* H. Milne Edwards, 185258. *Carcinoplax longimanus* (de Haan, 1835)

1900 *Carcinoplax longimanus*, Alcock, *Jour. Asiat. Soc. Bengal*, 69(2) : 303.

1976 *Carcinoplax longimanus*, Sakai, *Crabs of Japan and the Adjacent Seas*, 524, pl. 189.

1989 *Carcinoplax longimanus*, Guinot, In : Forest (ed), *Resultats, des, Campagnes MUSORSTOM, 5. Mem. Mus. Natn, Hist. nat (A)*. 144 : 273.

*Material examined* : 3 Males and 1 Female from Royapuram fish landing centre, Registration Number 5230.

*Distribution* : Indo-West Pacific. *India* : Andaman Islands, Chennai, Gulf of Mannar.

*Elsewhere* : South Africa, Coast of Japan, China and Gulf of Martaban.

*Remarks* : This species is easily distinguished by the convex carapace, much longer cheliped, and a spine at the outer angle of wrist.

Genus *Eucrate* De Haan, 183559. *Eucrate alcocki* Serene, 1971

1900 *Eucrate sexdentata*, Alcock, *Jour. Asiat. Soc. Bengal*, 69(2) : 301.

1976 *Eucrate alcocki*, Sakai, *Crabs of Japan and the Adjacent Seas*, 536, pl. 192, fig. 2.

*Material examined* : 2 Males and 1 Female from Kasimedu fish landing Centre. Registration Number 3228.

**Distribution** : Indo-Pacific. *India* : Chennai, Gulf of Mannar.

**Elsewhere** : Formosa, Nhatrang, Taiwan and Japan.

**Remarks** : The 3<sup>rd</sup> tooth of the anterolateral border spine shaped and smooth surface of carapace distinguishes this species from *Eucrate crenata*.

60. *Eucrate crenata* de Haan, 1835

1898 *Eurcete crenata*, Alcock, *Jour. Asiat. Soc. Bengal*, 69(2) : 300.

1976 *Eurcete crenata*, Sakai, *Crabs of Japan and the Adjacent Seas*, 535, pl. 192, fig. 1.

**Material examined** : 3 Males and one Female from Chennai coast, RVCII Collection, Registration Number 5231.

**Distribution** : Indo-Pacific. *India* : Andaman Islands, Chennai, Gulf of Mannar.

**Elsewhere** : Seychelles, Korea Coast, China and Japan.

**Remarks** : This species differs from *E. alcocki* in having four blunt teeth in the anterolateral border. Usually a purplish red spot on either side of carapace.

Superfamily Portunoidea Rafinesque, 1815.

9. Family PORTUNIDAE, Rafinesque, 1815

Subfamily PORTUNINAE Stephenson and Campbell, 1960

Genus *Scylla* De Haan, 1833

61. *Scylla serrata* (Forsk., 1755)

1899 *Scylla serrata*, Alcock, *Jour. Asiat. Soc. Bengal*, 68(1) : 27.

1976 *Scylla serrata*, Sakai, *Crabs of Japan and the Adjacent Seas*, 335, pl. 115.

**Material examined** : 5 Males off Pulicat lake, Registration Number 5203.

**Distribution** : Indo-West Pacific. *India* : Sunderbans, Chilka lake, Kakinada Bay, Pulicat Lake, Andaman Nicobar Islands, Mumbai, Karwar, Gulf of Kachchh.

**Elsewhere** : Red Sea, East Coast of Africa, Japan, Australia and New Zealand.

**Remarks** : Anterolateral border of carapace cut into 9 teeth of equal size propodus of chelipeds inflated. It is one of the commercially exploited species.

Genus *Portunus* Weber, 1795

62. *Portunus (Portunus) sanguinolentus* (Herbst 1790)

1899 *Neptunus sanguinolentus*, Alcock, *Jour. Asiat. Soc. Bengal*, 68(1) : 32. 1935 *Neptunus (Neptunus) sanguinolentus*, Chopra, *Rec. Indian. Mus.*, 37(4) : 474.

1957 *Neptunus (Neptunus) sanguinolentus*, Chhapgar, *Contribution No.1 Tharapovalla Marine Biological Station*, 18.

1976 *Portunus (Portunus) sanguinolentus*, Sakai, *Crabs of Japan and the Adjacent Seas*, 338, pl. 117.

*Material examined* : 5 Males off Chennai coast, RVCi Collection, Registration Number 5191.

*Distribution* : Indo-West Pacific. *India* : Sunderbans, Andhra coast, Chennai, Gulf of Mannar, Karwar, Travancore, Mumbai.

*Elsewhere* : Hong Kong, Sri Lanka, Persian Gulf, Red Sea, Japan and Australia.

*Remarks* : No spine on posterior border of merus of cheliped; carapace with 3 large blood red spots clearly distinguish this species.

### 63. *Portunus (Portunus) pelagicus* (Linnaeus 1758)

1899 *Neptunus pelagicus*, Alcock, *Jour. Asiat. Soc. Bengal*, 68(1) : 34

1927 *Neptunus pelagicus*, Gravelly, *Bull Madras Govt Mus, N. S. part. (1)*, 142.

1976 *Portunus (Portunus) pelagicus*, Sakai 1976, *Crabs of Japan and the Adjacent Seas*, 339, pl. 118.

*Material examined* : 5 Males off Chennai coast, RVCi Collection, Registration No 5186

*Distribution* : Indo-Pacific

*India* : Sunderbans, Chennai, Gulf of Mannar, Andhra Pradesh, Chilka-Lake, Gulf of Kachchh.

*Elsewhere* : Red Sea, Madagascar, Sri Lanka, Singapore, Australia and Japan.

*Remarks* : Carapace very broad; 9 anterolateral teeth and ninth one stout and long; posterior border of the arm of the cheliped with a spine at the distal end.

### 64. *Portunus (Manomia) gracilimanus* Stimpson, 1858

1899 *Neptunus (Lupocycloporus) whitei*, Alcock, *Jour. Asiat. Soc. Bengal*, 68(1) : 44.

1899 *Neptunus (Lupocycloporus) gracilimanus*, Alcock, *Jour. Asiat. Soc. Bengal*, 68(1) : 45.

1935 *Neptunus (Lupocycloporus) gracilimanus*, Chopra, *Rec. Indian. Museum*, 37(4) : 481.

*Material examined* : 2 males off Chennai coast, Registration No. 5353.

*Distribution* : Indo-West Pacific. *India* : Palk Strait, Chennai, Chilka Lake, Sand heads at mouth of River Hugli, Andaman Islands.

*Elsewhere* : Sri Lanka, Arakan Coast, Gulf of Martaban Malaysia, New Guinea, Australia Hong Kong.

**Remarks** : In this species, the front cut in to four lobes of which middle two are not prominent, transverse ridge relatively not distinct. Propodus and dactylus of Cheliped much slender than merus.

**65. *Portunus (Manomia) argentatus* White, 1847**

1899 *Neptunus (Amphitrite) argentatus*, Alcock, *Jour. Asiat. Soc. Bengal*, 68(1) : 36.

1935 *Protunus (Manomia) argentatus*, Chopra, *Rec. Indian Museum*, 37(4) : 22.

1951 *Protunus (Manomia) argentatus*, Pillai, *Bull. Cent. Res. Inst. Univ. Travancore, Ser. C.* 2, 22.

1976 *Protunus (Manomia) argentatus*, Sakai, *Crabs of Japan and the Adjacent Seas*, 341. text fig. 180b.

**Material examined** : 3 Males and 2 Females from Chennai, Registration No 5352.

**Distribution** : Indo-West Pacific. *India* : Off Mangalore, Chennai, Travancore Ganjam coast and Andaman islands.

**Elsewhere** : Red sea, South East Africa, Madagascar, Mauritius, Sri Lanka, Arakan, Mergui Archipelago, Australia, Philippines, Japan,

**Remarks** : Presence of a purplish red spot on the distal half of dactylus of fifth leg distinguishes this species.

**66. *Portunus (Manomia) gladiator* Fabricius 1798**

1899 *Neptunus (Amphitrite) gladiator*, Alcock. *Jour. Asiat. Soc. Bengal*, 68(1) : 35.

1976 *Neptunus (Amphitrite) gladiator*, Sakai, *Crabs of Japan and the Adjacent Seas*. 341, pl. 120, fig. 1, text fig. 180a.

**Material examined** : 4 Males off Chennai coast, RVCi Collection, Registration No 5351.

**Distribution** : Indo-West Pacific. *India* : Travancore, Puducherry, Port Canning, Chennai, Andhra Pradesh coast, Sunderbans Gulf of Mannar.

**Elsewhere** : South East Africa, Madagascar, Sri Lanka, China, Malayasia, Singapore.

**Remarks** : This species belongs to the "*P. gladiator* Complex of Stephenson and Rees (1967). According to them, in this complex, 2 species ie *P. gladiator* of Alcock (1899) and *P. pseudoargentatus* of Stephenson (1961) should be included.

**67. *Portunus (Portunus) pubescens* (Dana, 1852)**

1976 *Portunus (Portunus) pubescens*, Sakai, *Crabs of Japan and Adjacent Seas*, 340, pl. 119, fig. 1.

**Material examined** : 2 Males off Chennai coast, Registration No 5350.

**Distribution** : Indo-Pacific. *India* : Chennai, Gulf of Mannar.

*Elsewhere* : Japan to Hawaii Australia, Sandwich Islands

*Remarks* : Entire animal is covered with soft hair, epistome not developed into a long spine.

68. *Portunus (Hellenus) pulchricristatus* Gordon, 1931

1899 *Neptunus (Hellenus) spinipes*, Alcock. *Jour. Asiat. Soc. Bengal*, 68(1) : 39.

1935 *Neptunus (Hellenus) pulchricristatus*, Chopra, *Rec. Indian. Mus.*, 37(4) : 479.

*Material examined* : 3 Males and 2 Females from Royapuram coast, Registration No 5349

*Distribution* : Indo-West Pacific. *India* : Chennai, Andaman Islands Sand head at mouth of River Hugli.

*Elsewhere* : Persian Gulf, Gulf of Oman, Gulf of Martaban Arakan Coast, China sea, Hong Kong and Philippines.

*Remarks* : Carapace distinctly convex, but shaped and sculptured as in *Portunus hastatoides*, Chelipeds longer, second spine of the hand is placed a good way behind the finger point. Fifth legs: Postero distal border of merus with a spine.

69. *Portunus (Monomia) petreus* (Alcock 1899)

1899 *Neptunus (Amphitrite) petreus*, Alcock, *Jour. of Asiat. Soc. Bengal*, 68 (1) : 37

1976 *Portunus (Monomia) petreus*, Sakai, *Crabs of Japan and the Adjacent Seas*, 342, text fig. 181.

*Material examined* : 3 Males off Chennai coast, Registration No 5348

*Distribution* : Indian Ocean. *India* : Chennai, Lakshdweep Islands.

*Elsewhere* : Madagascar, Japan.

*Remarks* : It can be identified by the uneven dorsal surface of carapace, areolae of granules being respectively well marked and convex. Spine at inner angle of wrist two third as long as palm.

Genus *Lupocyclus* Adams and White, 1848

70. *Lupocyclus philippinensis*, Semper, 1880

1899 *Lupocyclus strigosus*, Alcock, *Jour. Asiat. Soc. Bengal*, 68(1) : 24.

1976 *Lupocyclus philippinensis*, Sakai, *Crabs of Japan and the Adjacent Seas*, 353. text fig. 191.

*Material examined* : 5 Males 2 Females from Chennai coast, Registration No 5347

*Distribution* : Indo-West Pacific. *India* : Konkan coast, Chennai and Andaman Islands.

***Elsewhere*** : Madagascar, Maldives, Karachi East Indies and Philippines.

***Remarks*** : In this species the carapace is obscurely marked with patches of granules. Merus of chelipeds very slender with six to eight spines on anterior border.

**71. *Charybdis (Charybdis) annulata* (Fabricius 1798)**

1899 *Charybdis annulata*, Alcock, *Jour. Asiat. Soc. Bengal*, 68(1) : 54.

1976 *Charybdis (Charybdis) annulata*, Sakai, *Crabs of Japan and the Adjacent Seas*, 356, text fig. 192.

***Material examined*** : 5 Males off Chennai coast, RVC Collections, Registration No 5346.

***Distribution*** : Indo-Pacific. *India* : Veraval, Mumbai Karwar, Kochi, Mandapam, Cuddalore, Chennai, Kakinada, Viskhapatnam, Puri, Paradeep, Sandheads at River Hugli, Lakshadweep, Andaman and Nicobar Islands.

***Elsewhere*** : South Africa Tanzania, Madagascar, Arabian Gulf, Pakistan, Sri Lanka, Thailand, Indonesia, Malaysia, Taiwan, China, Japan and Tahiti.

***Remarks*** : Carapace glossy, last anterolateral tooth small and not projecting sideways ambulatory legs banded with purplish red colour.

**72. *Charybdis (Charybdis) feriatus* (Linnaeus 1758)**

1899 *Charybdis (Goniosoma) crucifera*, Alcock, *Jour. Asiat. Soc., Bengal*, 68(2) : 51.

1937 *Charybdis (Goniosoma) cruciata*, Chopra and Das, *Rec. of Indian Mus.*, 39(4) : 377-434.

1957 *Charybdis (Goniosoma) cruciata*, Chhapgar, *Contribution No.1 of the Taraporevala Marine Biological Station*. 20.

1976 *Charybdis (Charybdis) feriata*, Sakai, *Crabs of Japan and the Adjacent Seas*, 357, pl. 122.

***Material examined*** : 2 Males and 1 Female from Kanyakumari coast, Registration No 5201.

***Distribution*** : Indo-West Pacific. *India* : Gulf of Kutchchh, Mumbai coast Travancore Chennai, Puri, Pradeep, Andaman and Nicobar Islands.

***Eleswhere*** : Red sea, East coast of South Africa Madagascar Tavoy, Karachi Malyai Peninusla, Hawaii, Sumatra, Australia.

***Remarks*** : Anteolateral teeth broad at base, first anterior lobe bifid. Three spines on anterior border of arm, a cross on carapace.

**73. *Charybdis (Charybidis) riversandersoni* Alcock, 1899.**

1899 *Charybdis (Goniosoma) riversandersoni*, Alcock, *Jour. of Asiat. Soc. Bengal*, 68(2) : 53.

1976 *Charybdis (Goniosoma) riversandersoni*, Sakai, *Crabs of Japan and the Adjacent Seas.*, 358, pl.125.

*Material examined* : 5 Males off Chennai coast, Registration No 5202.

*Distribution* : Indo-West Pacific. *India* : Konkan, Calicut, Chennai.

*Elswhere* : Japan (Sagami and Tosa Bay).

*Remarks* : There is a large pale yellowish mottle on either posterior branchial region, mesobranchial region much swollen.

#### 74. *Charybdis (Charybdis) natator* (Herbst, 1794)

1899 *Charybdis (Goniosoma) natator*, Alcock, *Jour. of Asiat. Soc. Bengal*, 68(1) : 61.

1976 *Charybdis (Charybdis) natator*, Sakai, *Crabs of Japan and the Adjacent Seas*, 360, pl.127, fig.1.

*Material examined* : 4 Males and 2 Females off Chennai coast, Registration No 5200

*Distribution* : Indo-West Pacific. *India* : Travancore, Puducherry, Chennai, Tranquebar, Gopalpur, Sunderbans, Andaman islands.

*Elswhere* : Red Sea, South East Africa Madagaskar, Karachi, Sri Lanka, Malaypeninsula, Australia, Phillipines, South China, Japan.

*Remarks* : In this species the penultimate segment of male abdomen not convex on lateral borders; under surface of palm with squamiform ridges marked with a longitudinal sulcus.

#### 75. *Charybdis (Charybdis) variegata* (Fabricius, 1798)

1899 *Charybdis (Goniosoma) variegata*, Alcock, *Jour. Of Asiat. Soc. Bengal*, 68(1) 60.

1935 *Charybdis (Goniosoma) variegata*, Chopra, *Rec. Indian. Mus.*, 37, 438.

1976 *Charybdis (Goniosoma) variegata*, Sakai, *Crabs of Japan and the Adjacent Seas*, 359, pl. 121, fig.3.

*Material examined* : 3 Males off Chennai coast, Registration No 5345.

*Distribution* : Indo-West Pacific. *India* : Travancore, Puducherry, Chennai, Tranquebar, Gopalpur.

*Remarks* : First anterolateral tooth is truncate and the last one is by far the largest. Palm of cheliped not tuberculated, with four spines. Penultimate segment of male abdomen convex on outer borders.

#### 76. *Charybdis (Caharybdis) orientalis* Dana 1852

1899 *Chearybdis (Goniosoma) orientalis*, Alcock, *Jour. Asiat. Soc. Bengal*, 68 (2) : 63.

1957 *Charyfdis (Goniosoma) orientalils*, Chhapgar, *Contribution No.1 of the Taraporevala Marine Biological station*, 23, pl. 7, fig. d.

1906 *Charyfdis (Goniosoma) orientalils* Laurie, *Ceylon Pearl Oyster Fisheries*, 5 : 418.

**Material examined** : 3 Males and one Female from Chennai coast, Registration No. 5155

**Distribution** : Indo-West Pacific. *India* : Mumbai, Chennai, Gulf of Mannar Andaman and Lakshadweep Islands.

**Elsewhere** : Redsea, East Africa Madagascar, Sri Lanka, Arakan Coast Australia, Japan, Philippines

**Remarks** : It can be distinguished by the presence of one additional ridge on the posterior half of each branchial region and the rudimentary nature of the second tooth on the anterolateral border. The posterior border of the propodite of the last pair of legs is serrated.

**77. *Charybdis (Goniosoma) callianassa* (Herbst, 1801)**

1899 *Charybdis (Goniosoma) callianassa*, Alcock, *Jour. of Asiat Soc. Bengal*, 68(2) : 57.

1935 *Charybdis (Goniosoma) callianassa*, Chopra, *Rec. of Indian. Mus.*, 37(4) : 489, pl. 9, fig. 1. textfig. 11a-b.

1937 *Charybdis (Goniosoma) callianassa*, Chopra and Das, *Rec. Indian Mus.*, 39(4) : 395.

1957 *Charybdis (Goniosoma) callianassa*, Chhappgar, *Contribution No.1 of the Taraporevala Marine Biological Station*, 23.

1961 *Charybdis (Charybdis) callianassa*, Stephenson, *Aust. J. mar. Freshwat. Res.* 12(1) : 116.

**Material examined** : 3 Males and 2 Females from Chennai, Registration No 5343.

**Distribution** : Indo-West Pacific. *India* : Mumbai, Chennai Coast, Orissa Coast, Sand heads at mouth of River Hugli, Gujarat coast.

**Elsewhere** : Karachi, Tavoy, Malay Peninsula Siamn Sumratra, Australia and South China

**Remarks** : The transverse granular ridges as in *Charybdis (Goniosoma) feriatus* with addition of a ridge on the cardiac region.

**78. *Charybdis (Charybdis) lucifera* (Fabricius, 1798)**

1899 *Charybdis (Goniosoma) quadrimaculata*, Alcock, *Jour. of Asiat. Soc. Bengal*, 68(2) : 54.

1937 *Charybdis (Goniosoma) cruciata*, Chopra and Das *Rec. Indian. Mus.*, 39(2) : 392.

1957 *Charybdis (Goniosoma) lucifera*, Chhappgar, *Contribution No.1 of the Taraporevala Marine Biological Station*, 21.

**Material examined** : 5 Males 3 Females from RVCI Collections, Registration No 5198

**Distribution** : Indo-West Pacific. *India* : Veraval, Mumbai, Karwar, Mangalore, Kochi, Mandapam, Chennai, Kakinada, Andaman Nicobar. Islands.

**Elsewhere** : Japan Australia, Red Sea Sri Lanka and Singapore.

*Remarks* : Sharpe median lobule on lower border of orbit, no spine on posterior margin of carpus of natatory leg; colour light grey with four white spots on the lateral borders.

**79. *Charybdis (Goniohellenus) hoplites* Wood-Mason 1877**

1899 *Charybdis (Goniohellenus) hoplites*, Alcock, *Jour. of Asiat. Soc. Bengal*, 68(2) : 66.

1957 *Charybdis (Goniohellenus) hoplites*, Chhapgar, *Contribution No. 1 of Taraporevala, Marine Biological Station*, 24.

*Material examined* : 2 Males and 1 Female from RVCI collections, Registration No. 5342.

*Distribution* : Indian Ocean. *India* : Gulf of Kutchchh and Chennai Coast, Andhra Pradesh, Orissa.

*Elsewhere* : Persian Gulf, Red Sea, Gulf of Oman Suez Canal Indus Delta, West Pakistan.

*Remarks* : Antennal flagellum is completely excluded from the orbital hiatus, the posterior border of the arm of the cheliped ends in a spine.

**80. *Charybdis (Charybdis) helleri* (A. Milne Edwards, 1867)**

1899 *Charybdis (Goniosoma) merguensis*, Alcock, *Jour of Asiat.Soc. Bengal*, 68 (1) 55

1935 *Charybdis (Goniosoma) merguensis*, Chopra, *Rec.Indian.Mus.* 37(4) : 484.

1937 *Charybdis (Goniosoma) merguensis*, Chopra and Das *Rec. Indian. Mus.* 39(4) : 121.

*Material examined* : 2 Males and 1 Female form Kasimedu Fish landing center, Registration No 5341.

*Distribution* : Indo-West Pacific. *India* : Port Okha, Mumbai, Tuticorin, Rameswaram and Andaman Islands, Cochin backwaters. Andhra Pradesh Sand heads.

*Elsewhere* : East coast of Africa, Madagascar, Sri Lanka, Australia, Hong Kong and Japan. Red sea Gulf of Aden, Persian of Gulf, Karachi, Malay Peninsula, Australia, China, Japan, Hawaii and Formosa.

*Remarks* : The outer margin of carpus of the last pair of legs with a distinct acute spine on its lower border. Posterior border of propodus of last leg serrated.

**81. *Thalamita parvidens* (Rathbun, 1907)**

1976 *Thalamita parvidens*, Sakai, *Crabs of Japan and the Adjacent Seas*, 380, text fig. 204a, b.

*Material examined* : 5 Males and 2 Females from RVCI Collection, Registration No 3299.

*Distribution* : Indo-West Pacific. *India* : Gulf of Mannar, Chennai.

*Elsewhere* : Malaysia, Philippines, Japan, Australia, Madagascar, Carolines.

**Remarks** : Frontal lobes somewhat convex, surface of sternum and abdomen generally smooth penultimate segment of male abdomen with outer borders almost parallel, antero lateral teeth arcuate in their posterior border.

82. *Thalamita danae* Stimpson, 1858

1899 *Thalamita danae*, Alcock, *Jour. of Asiat. Soc. Bengal*, 68(2) : 77.

1976 *Thalamita danae*, Sakai, *Crabs of Japan and the Adjacent Seas*. 369, pl. 132, fig. 3.

**Material examined** : 2 Males and 1 Female from RVCI collections, Registration No 3294.

**Distribution** : Indo-West Pacific. *India* : Kochi, Chennai, Gulf of Mannar, Andaman Nicobar Islands.

**Elsewhere** : Red Sea, Australia, Japan, Hong Kong to North Australia, Sri Lanka, Pakistan, East, West Africa.

**Remarks** : Transverse ridges of carapace very distinct outer surface of propodus costate, basal segment of antenna with a longitudinal ridge marked with about 10 tubercles. Common name Weedy swimming crab.

83. *Thalamita crenata* (Latreille, 1829)

1899 *Thalamita crenata*, Alcock, *Jour. of Asiat. Soc. Bengal*, 68(2) : 76.

1976 *Thalamita crenata*, Sakai, *Crabs of Japan and the Adjacent Seas.*, 369. pl. 132, fig. 1.

**Material examined** : 4 Males and 2 Females from Chennai, Registration No 3288.

**Distribution** : Indo-West Pacific. *India* : Vizag, Gopalpur, Chilka Lake, Gulf of Mannar Mumbai, Andaman and Nicobar islands.

**Elsewhere** : Red Sea, east coast of Africa, Madagascar, Arabian Gulf, Pakistan, Sri Lanka, Thailand, Indonesia, Malaysia, Singapore, Hong Kong, Taiwan, China, Japan, Tuamotu Island and Hawaii.

**Remarks** : Transverse ridges of carapace faint; outer surface of propodus of chelipeds almost smooth. Caught in considerable number in both inshore trawling and indigenus fishing in brackish water areas. It's common name Brown Swimming crab.

84. *Thalamita admete* (Herbst, 1803)

1899 *Thalamita admete*, Alcock, *Jour. of Asiat Soc. Bengal*, 68(2) : 82.

1976 *Thalamita admete*, Sakai, *Crabs of Japan and the Adjacent Seas.*, 377, pl. 130, fig. 2.

**Material examined** : 3 Males and 2 Females form RVCI collections, Registration No 3293

**Distribution** : Indo-West Pacific. *India* : Gulf of Mannar, Andhra Pradesh, Chennai, Minicoy, Lakshadweep, Andaman Nicobar Islands.

*Elsewhere* : East African Coast, Red Sea, Persian Gulf, Madagascar, Maldives, Sri Lanka, Australia Philippines, Malay Archipelago, Japan, Fiji, Hawaii, Pakistan.

*Remarks* : Chelipeds dorsally granulated propodus with about 6 teeth, crest of basal antennal segment with 9 to 10 spinules.

#### 85. *Thalamita integra* Dana, 1852

1899 *Thalamita integra*, Alcock, *Jour. of Asiat. Soc. Bengal*, 68(2) : 85.

1976 *Thalamita integra*, Sakai, *Crabs of Japan and the Adjacent Sea*, 377, text fig. 201.

*Material examined* : 2 Males and 1 Female from RVC Collections, Registration No 3297.

*Distribution* : Indo-West Pacific. *India* : Gulf of Mannar, Tuticorin and Chennai, Andaman, Minicoy, Islands.

*Elsewhere* : Red Sea, South East Africa, Aden, Madagascar, Sri Lanka, Mergui Archipelago, Australia, Philippines, Japan, Hawaii.

*Remarks* : This species show a very smooth and polished cheliped with blunt and poorly developed spines, no transverse ridge on cardiac and post branchial region.

#### 86. *Thalamita prymna* (Herbst, 1803)

1899 *Thalamita prymna*, Alcock, *Jour. of Asiat. Soc. Bengal*, 68(1) : 78.

1927 *Thalamita prymna*, Gravely, *Bull. Madras Govt. Museum. Nat. Hist.*, 1.

1976 *Thalamita prymna*, Sakai, *Crabs of Japan and the Adjacent Seas*, 372, pl.131, fig.1.

*Material examined* : 2 Males and 1 Female from RVC collection, Registration No 3201.

*Distribution* : Indo-West Pacific. *India* : Okha, Mumbai, Gulf of Mannar, Chennai, Krusadai, Andaman Nicobar, Minicoy Islands

*Elsewhere* : Red Sea, South East Africa, Madagascar, Sri Lanka, Malaysia, Japan, China Sea, Philippines and Samoa.

*Remarks* : Frontal teeth well seperated; basal antennal segment with 4 to 5 spinules. Common name is Brown Swimming crab.

Subfamily PODOPHTHALMINAE Borradaile, 1907.

Genus *Podophthalmus* Lamarck, 1801.

#### 87. *Podophthalmus vigil* (Fabricius 1798)

1976 *Podophthalmus vigil*, Sakai, *Crabs of Japan and the Adjacent Seas*, 383. pl. 135, fig. 2.

2001 *Podophthalmus vigil*, Dev Roy and Bhadra, *Zool. Survey of India State Fauna Series, 4 : Fauna of Godavary Estuary* : 44.

2005 *Podophthalmus vigil*, Dev Roy and Bhadra, *Zool. Survey of India State Fauna Series, 5 : Fauna of Andhra Pradesh* : 443.

**Material examined** : 4 Males and 2 Females from RVCI Collections, Registration No 3204.

**Distribution** : Indo-West Pacific. *India* : Kochi, Tuticorin, Mandapam, Cuddalore, Chennai, Kakinada, Visakhapatnam, Andaman and Nicobar Islands.

**Elsewhere** : East Coast of Africa, Madagascar, Pakistan, Sri Lanka, Thailand, Indonesia, Malaysia, Philippines, Taiwan, Japan and Australia.

**Remarks** : The slender Cheliped characteristic long stalked eyes; arm with three spines on anterior border and no spine on posterior border, clearly distinguish this species.

10. Family OCYPODIDAE Ortmann, 1894.

Subfamily OCYPODINAE Dana, 1851

Genus *Ocypode* Weber, 1975.

88. *Ocypode cordimana* Desmarest, 1825

1900 *Ocypoda cordimana*, Alcock, *Jour. Asiat. Soc. Bengal*, 69 (3) : 349

1927 *Ocypoda cordimana*, Graveley *Bull. Madras Govt Mus Nat. Hist*, 1, 148.

1937 *Ocypoda cordimana*, Chopra and Das, *Rec. Indian Mus.*, 39(4) : 420.

1976 *Ocypoda cordimana*, Sakai, *Crabs of Japan and the Adjacent Seas*, 599. pl. 206, fig. 4.

2005 *Ocypoda cordimana*, Dev Roy and Bhadra, *Zool. Survey of India State Fauna Series 5 : Fauna of Andhra Pradesh* : 501.

**Material examined** : 2 Males and 1 Female from Ennur, Chennai.

**Distribution** : Indo-West Pacific. *India* : Chennai, Gulf of Mannar, Travancore, Mumbai coast.

**Elsewhere** : Tahiti and Japan to Red Sea.

**Remarks** : This species is distinguished by the absence of a stridulating ridge and by the eye stalks not being prolonged to form a style.

89. *Ocypode ceratophthalma* (Pallas, 1772)

1900 *Ocypode ceratophthalma*, Alcock, *Jour. Asiat. Soc. Bengal*, 9(3) : 345.

1976 *Ocypode ceratophthalma*, Sakai, *Crabs of Japan and Adjacent Seas*, 600. pl. 207, text fig. 327b.

2001 *Ocypode ceratophthalma*, Dev Roy and Bhadra, *Zool. Surv. India, Ecosystem Series 4 : Fauna of Godavari Estuary* : 50.

**Material examined** : 4 Males and 1 Female from Adayar – Chennai, Registration No. 3235.

**Distribution** : Indo-West Pacific. *India* : Vizag coast, Chandipur, Chilka lake, Sunderbans, Palk Bay, Andaman and Nicobar Islands, Mumbai Karwar.

**Elsewhere** : Tahiti to East coast of Africa, Maldives, Sri Lanka, Singapore, Japan, Australia.

**Remarks** : This species can be identified by the eye stalks prolonged to form a style. Stridulating ridge composed of tubercles gradually passing into striae.

90. *Uca (Thalassuca) vocans vocans* Linnaeus, 1758

1900 *Gelasimus marionis*, Alcock, *Jour Asiat. Soc. Bengal*, 69(2) : 359.

1937 *Gelasimus marionis*, Chopra and Das, *Rec.of Indian Museum*, 39(4) : 442

1975 *Uca (Thalassuca) vocans vocans*, Crane, *Fiddler Crabs of the world*, 92, pl.14 figs.e-h.

**Material examined** : 2 Males and 1 Female from Adyar, Registration No. 4133

**Distribution** : Indo-West Pacific. *India* : Gulf of Mannar, Andaman Nicobar Islands, Mumbai, Chennai.

**Elsewhere** : Samoa and Fiji to the east coast of Africa and Red Sea, Madagascar Mergui Archipelago, Malaypeninsula Singapore, Thailand, Philippines Hon Kong and Japan.

**Remarks** : In this species the upper surface of the wrist is granular, the fingers are compressed and blade like, and the edge of the thumb has a simple S-shaped curve.

91. *Uca (Celuca) lactea annulipes* H. Milne Edwards, 1837

1900 *Gelasimus annulipes*, Alcock, *Jour. of Asiat. Soc. Bengal*, 69(2) : 353.

1915 *Gelasimus annulipes*, Kemp, *Mem. Indian Mus.*, 5 : 221.

1975 *Uca (Celuca) lactea annulipes*, Crane, *Fiddler crabs of the world*. 292, pls. 39, 40, 45a, 47c-d, 50a., figs. 17-20.

**Material examined** : 2 Males and 1 Female from Adyar, Chennai. Registration No. 4031.

**Distribution** : Indo-West Pacific. *India* : Guntur, Nellore, Karwar, Okha, Chilka lake, Chennai, Gulf of Mannar, Andaman and Nicobar islands.

**Elsewhere** : Philippines, Singapore to Madagascar and East Coast of Africa, China, Japan Australia.

**Remarks** : This species can be identified by the subquadrilateral Carapace with moderately convergent lateral borders. The tip of the thumb of the Chelipeds appears notched truncate due to the presence of an enlarged tooth.

92. *Dotilla myctiroides* (H. Milne-Edwards 1852)

1900 *Dotilla myctiroides*, Alcock, *Jour. Asiat. Soc. Bengal*, 69(2) : 368.

1915 *Dotilla myctiroides*, Kemp, *Mem. Ind. Mus.*, 5 : 227. figs. 8a-b.

1927 *Dotilla myctiroides*, Gravely, *Bull. Madras Govt. Mus., Nat. Hist.*, (1) : 149.

2000 *Dotilla myctiroides*, Dev Roy and Das, *Rec. zool. surv. India, Occ. Paper No. 185* : 128, pl. 5, fig. 2 and pl. 5, figs. 7, 8.

*Material examined* : 2 Males and 1 Female from Gulf of Mannar, Registration No. 3223.

*Distribution* : Indo-West Pacific. *India* : Vizag coast, Goa, Karwar, Mumbai, Travancore, Mahi, Gulf of Mannar, Andaman Islands, Chilka Lake, Ennore.

*Elsewhere* : Singapore, Java, Mergui Archipelago, Sri Lanka, Malay Peninsula, Philippines.

*Remarks* : No sculpture on carapace excepting the lateral grooves chelipeds at least three times the length of carapace. Tympana are present on all segments of the sternum.

Subfamily GRAPSINAE Dana, 1851

Genus *Grapsus* Lamarck, 1801

93. *Grapsus albolineatus* Lamark, 1818

1900 *Grapsus strigosus*, Alcock, *Jour. Asiat. Soc. Bengal*, 69(2) : 393.

1937 *Grapsus strigosus*, Chopra and Das, *Rec Ind. Mus.*, 39 : 425.

1976 *Grapsus albolineatus*, Sakai, *Crabs of Japan and Adjacent Seas*, 630, pl. 215.

2000 *Grapsus albolineatus*, Dev Roy and Das, *Rec. zool. Surv. India, Occ. Paper No. 185* : 82, pl. 5, fig. 7 : pl. 17, figs. 1, 2.

*Material examined* : 3 Males and 1 Female from Palk Bay, Registration No. 3212.

*Distribution* : Indo-West Pacific. *India* : Palk Bay, Gulf of Kachchh, Mumbai, Travancore, Andaman Nicobar Islands.

*Elsewhere* : East Africa, Red sea, Baluchistan, Sind Coast, Sri Lanka, Arakan and Tenasserim coasts, Mergui Archipelago, Philippines, Japan, Polynesian Island, Australia and Hawaii.

*Remarks* : It lives on tree trunks and crevices of Mangrove trees and often on surface of floating logs.

Genus *Grapsus* Lamarck, 1801

Genus *Metopograpsus* H. Milne Edwards, 1853.

94. *Metopograpsus messor* (Forsk., 1775)

1900 *Metopograpsus messor*, Alcock, *Jour. Asiat. Soc. Bengal*, 69(3) : 397.

1976 *Metopograpsus messor*, Sakai, *Crabs of Japan and Adjacent seas*, 633, pl. 216, fig. 2.

*Material examined* : 3 Males and 1 Female from Adyar, Registration No. 4005.

*Distribution* : Indo-Pacific. *India* : Andhra coast, Orissa, Chennai, Mumbai, Bengal, Andaman and Nicobar Islands.

*Elsewhere* : Hawaii to Red Sea, Japan, East coast of Africa.

*Remarks* : Walking legs shorter, dactylus nearly as long as propodus lateral borders of carapace almost straight and markedly convergent posteriorly; last segment of male abdomen triangular.

#### 95. *Varuna litterata* (Fabricius, 1798)

1900 *Varuna litterata*, Alcock, *Jour. Asiat. Soc. Bengal*, 69(2) : 401

1915 *Varuna litterata*, Kemp, *Mem. Ind Mus*, 5 : 232.

1927 *Varuna litterata* Graveley, *Bull. Madras Govt Mus. Nat. Hist.* 1(1) : 147.

*Material examined* : 2 Males and 1 Female from Chennai. Registration No 3226

*Distribution* : Indo-West Pacific. *India* : Mumbai, Trivandrum, Sunderbans, Bengal Coast, Andaman & Nicobar Islands, Chennai.

*Elsewhere* : East Coast of Africa to New zeland, Australia and Japan.

*Remarks* : In this species the carapace is depressed and is very little broader than long. It is commercially important in West Bengal where it is eaten by the poor people.

#### Subfamily SESARMINAE Dana, 1852

#### Genus *Sesarma* Say, 1817

#### 96. *Parasesarma plicatum* (Latreille, 1803)

1900 *Sesarma quadrata*, Alcock. *Jour. Asiat. Soc. Bengal*, 69(2) : 413

1927 *Sesarma quadrata*, Gravely, *Bull. Madras Govt Mus. Nat. Hist.*, 147

2000 *Sesarma quadrata* (*Parasesarma*) *plicatum*, Dev Roy and Das, *Rec. Zool. Surv. India, Occ. Paper No. 185* : 91, pl. 6, fig.4 and pl. 18 figs. 5, 6.

2001 *Sesarma quadrata* (*Parasesarma*) *plicatum*, Dev Roy and Bhadra, *Rec. zool. Surv. India, Estuarine Ecosystem Series*, 4 : *Fauna of Godavari Estuary* : 46.

*Material examined* : 2 Males and 1 Female from Chennai, Registration No 3206.

*Distribution* : Indian Ocean. *India* : Andaman Islands, Chennai.

*Elsewhere* : Sri Lanka, Mergui Archipelago and Malay Peninsula.

**Remarks** : Carapace broader than long without any tooth behind the orbital angle. The inner border of the arm bears a large tooth at its distal end. On the upper surface of the palm are two oblique pectinated ridges, and the upper border of male dactylus is milled with 10-20 blunt transverse lamellae.

Genus *Metaplax* H. Milne Edwards, 1852

97. *Metaplax distincta* H. Milne Edwards 1852

1900 *Metaplax distincta*, Alcock, *Jour. Asiat. Soc. Bengal*, 69(2) : 432.

1957 *Metaplax distincta*, Chhapgar, *Contribution No.1 of Taraporevala Marine Biological Station*. 61.

1961 *Metaplax distincta*, Sankarankutty, *J. Mar. biol. Ass. India*, 3(1-2), 110.

**Material examined** : 2 Males and 1 Female from Kovalam Chennai, Registration No. 3660.

**Distribution** : Indian Ocean. *India* : Karwar, Andaman and Nicobar islands, Chennai, Sunderbans.

**Elsewhere** : Mergui Archipelago, Thailand.

**Remarks** : Lower orbital border of male is prolonged to the level of second notch of the in the lateral border. The lobules of the orbital portion cut in to 9-11 small, obscurely-bilobulate, blunt teeth diminishing in size within outward.

### SUMMARY

The present study is based on the Brachyuran Crabs belonging to the families Dromiidae, Dorippidae, Leucosiidae, Calappidae, Majidae, Parthenopidae, Carpilidae, Xanthidae, Pilumnidae, Goneplacidae, Portunidae, Ocypodidae, Grapsidae, collected from the various surveys conducted by the Marine Biological Centre, Zoological Survey of India. A total number of 97 species belonging to 46 genera and 13 families were identified.

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