

Catalogue of Molluscs, Prawns, Stomatopods  
and Marine Algae  
in the Reference Collections of the  
Central Marine Fisheries Research Institute



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Number 9

CATALOGUE OF MOLLUSCS, PRAWNS, STOMATOPODS  
AND MARINE ALGAE IN THE REFERENCE COLLECTIONS  
OF THE CENTRAL MARINE FISHERIES RESEARCH INSTITUTE

- |      |                                       |                        |
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| I.   | Molluscs (1) Excluding<br>Cephalopods | By K. S. Sundaram      |
|      | (2) Cephalopods                       | By R. Sarvesan         |
| II.  | Prawns                                | By K. H. Mohamed       |
| III. | Stomatopods                           | By S. L. Shanbohogue   |
| IV.  | Marine Algae                          | By M. Umamaheswara Rao |

May 1969

CENTRAL MARINE FISHERIES RESEARCH INSTITUTE  
Marine Fisheries P.O.  
Mandapam Camp  
Ramanathapuram District  
India.

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## FOREWORD

The present Bulletin which includes catalogues of molluscs, prawns, stomatopods and marine algae is in continuation of the two earlier ones dealing with other groups in the Reference Collections of the Central Marine Fisheries Research Institute. Of the molluscs 366 species have been listed representing Gastropoda, Bivalvia and Cephalopoda. A good number of them is of interest to amateur conchologists; there is a fair representation of economically important species, and a few are rare or little known forms of scientific interest.

Ninety-five prawn species are catalogued, the majority of which support the important prawn fisheries of the country. Among those included here is a number of hitherto unrecorded deep sea prawns from grounds discovered by exploratory trawling in recent years. The collection is a very valuable one for reference purposes in view of the great economic importance of this group.

The stomatopods are represented by thirty species in the collections. Considerable quantities of them are landed by the trawlers and other mechanized vessels operating on the southwestern coast of India. With better utilisation of these catches the group is likely to assume importance in due course.

One hundred and eighty species of marine algae are also catalogued. This institute, since its inception in 1947, has been collecting considerable information on the economic varieties of sea-weeds, particularly the red and brown algae yielding agar and algin respectively, and has devised methods for their utilisation at a cottage industry level. It is gratifying that, based on the pioneering work carried out at the Institute, a seaweed industry has sprung up in the country in recent years. A large number of edible and other varieties of algae too have been collected and listed.

The catalogues of the different groups have been prepared by Mr. K.S. Sundaram, Mr. R. Sarvesan, Mr. K.H. Mohamed, Mr. S. L. Shanbhogue and M. Umamaheswara Rao who were assisted by several other colleagues of this Institute. In special I would like to mention the names of Mr. A. Regunathan and Mr. M. M. Meiyappan who helped to complete the catalogue of stomatopods in the absence of Mr. S. L. Shanbhogue. I wish to record my sincere thanks and appreciation to all concerned who devoted their time and attention in collecting, preserving, identifying and cataloguing the specimens listed here.

Mandapam Camp  
March, 1969.

S. JONES  
Director  
Central Marine Fisheries  
Research Institute



CATALOGUE OF MOLLUSCS IN THE REFERENCE  
COLLECTIONS OF THE CENTRAL MARINE  
FISHERIES RESEARCH INSTITUTE

(. Excluding Cephalopods)

By

K.S. Sundaram

*(Central Marine Fisheries Research Institute, Mandapam Camp)*



## I. CATALOGUE OF MOLLUSCS

(. Excluding Cephalopods)

PHYLUM MOLLUSCA

CLASS GASTROPODA

SUBCLASS PROSOBRANCHIA

ORDER ARCHAEOGASTROPODA

SERIES ZEUGOBRANCHIA

FAMILY HALIOTIDAE

1. *Haliotis varia* Linnaeus. CMFRI - M. 1. Pullivasal Island, Mandapam (Gulf of Mannar.)
2. *H. fulgens* Philippi. CMFRI - M. 2. South California.
3. *H. sorenseni* Bartsch. CMFRI - M.3. South California.
4. *H. cracherodii* Leach. CMFRI - M. 4. South California.
5. *H. corrugata* Gray. CMFRI - M. 5. South California.
6. *Haliotis* sp. CMFRI - M. 6. Zanzibar.

FAMILY FISSURELLIDAE

7. *Diodora lima* (Sowerby). CMFRI - M. 7. Krusadai Island (Gulf of Mannar).
8. *D. ticaonica* (Reeve). CMFRI - M 8. Mandapam (Gulf of Mannar).
9. *Emarginula obovata* A. Adams. CMFRI - M. 9. Pamban (Gulf of Mannar).
10. *Scutus unguis* (Linnaeus). CMFRI - M. 10. Pullivasal Island (Gulf of Mannar).

SERIES PATELLACEA

FAMILY PATELLIDAE

11. *Cellana radiata* (Born). CMFRI - M. 11. Mandapam (Gulf of Mannar).
12. *Patella cernica* (H. Adams). CMFRI - M. 12. Mandapam (Gulf of Mannar).

## SERIES TROCHACEA

## FAMILY TROCHIDAE

13. *Euchelus asper* (Gmelin). CMFRI - M. 13. Krusadai Island (Gulf of Mannar).
14. *Clangulus clanguloides* (Wood). CMFRI - M. 14. Mandapam (Gulf of Mannar).
15. *Trochus nilotieus* Linnaeus. CMFRI - M. 15. Andamans.
16. *T. maculats* Linnaeus. CMFRI - M. 16. Andamans.
17. *T. stellatus* Gmelin. CMFRI - M. 17. Rameswaram Island (Gulf of Mannar).
18. *T. radiatus* Gmelin. CMFRI - M. 18. Mandapam (Gulf of Mannar).
19. *Monilea solandri* (Philippi). CMFRI - M. 19. Mandapam (Gulf of Mannar)
20. *Umbonium vestiarium* (Linnaeus). CMFRI - M. 20. Mandapam (Gulf of Mannar).
21. *Angaria plicata* (Kiener). CMFRI - M. 21. Mandapam (Gulf of Mannar).

## FAMILY TURBINIDAE

22. *Liotia cidaris* (Reeve). CMFRI - M. 22. Shingle Island (Gulf of Mannar)
23. *Turbo intercostalis* Menke. CMFRI - M. 23. Rameswaram Island, Mandapam (Gulf of Mannar).
24. *T. chrysostomus* (Linnaeus). CMFRI - M. 24. Andamans.
25. *T. petholatus* Linnaeus. CMFRI - M. 25. Mandapam (Gulf of Mannar).
26. *T. marmoratus* Linnaeus. CMFRI - M. 26. Andamans.
27. *Astraea semicostata* (Kiener). CMFRI - M. 27. Krusadai Island (Gulf of Mannar).
28. *Phasinella nivosa* Reeve. CMFRI - M. 28. Pamban (Gulf of Mannar).

## SERIES NERITACEA

## FAMILY NERITIDAE

29. *Nerita plicata* Linnaeus. CMFRI - M. 29. Mandapam (Gulf of Mannar).
30. *N. albicella* Linnaeus. CMFRI - M. 30. Krusadai Island (Gulf of Mannar).
31. *N. chameleon*, Linnaeus. CMFRI - M. 31. Pamban (Gulf of Mannar).
32. *N. maura* Recluz. CMFRI - M. 32. Pullivasal Island (Gulf of Mannar).

29. *N. squamulata* Le Guillou. CMFRI - M. 33. Pamban (Gulf of Mannar)  
 30. *N. polita* Linnaeus. CMFRI - M. 34. Mandapam (Palk Bay).  
 31. *Neritina oualaniensis* Lesson. CMFRI - M. 35. Pamban (Gulf of Mannar)

SERIES COCCULINACEA

FAMILY LEPITELLIDAE

32. *Saptadanta nasika* Prashad & Rao. CMFRI - M.36. Andamans.

ORDER MESOGASTROPODA

SERIES ARCHITAENIOGLOSSA

FAMILY VIVIPARIDAE

37. *Viviparus dissimilis* (Miller). CMFRI - M. 37.

FAMILY AMPULLARIIDAE

38. *Pila globosa* (Swainson). CMFRI - M. 38.

SERIES LITTORINACEA

FAMILY LITTORINIDAE

39. *Littorina scabra* Linnaeus. CMFRI - M. 39. Krusadai Island, Mandapam (Gulf of Mannar).  
 40. *L. undulata* Gray. CMFRI - M. 40. Dhanushkodi (Gulf of Mannar), Mandapam (Palk Bay).

SERIES CERITHIACEA

FAMILY TURRITELLIDAE

41. *Turritella attenuata* Reeve. CMFRI - M.41. Pamban (Gulf of Mannar).  
 42. *T. acutangula* (Linnaeus). CMFRI - M.42. Pamban (Gulf of Mannar).  
 43. *T. columnaris* Kiener. CMFRI - M.43. Pamban (Gulf of Mannar).  
 44. *Architectonica perspectiva* (Linnaeus). CMFRI - M. 44. Pamban (Gulf of Mannar)

## FAMILY VERMETIDAE

45. *Tenagodus encausticus* (Morch). CMFRI - M. 45. Krusadai Island (Gulf of Mannar).

## FAMILY PLANAXIDAE

46. *Planaxis sulcatus* (Born). CMFRI - M. 46. Mandapam, Rameswaram Island (Palk Bay).

## FAMILY POTAMIDIDAE

47. *Cerithidea fluviatilis* (Potiez & Michaud). CMFRI - M.47 Kundugal Point (Gulf of Mannar).

48. *Terebralia palustris* (Linnaeus). CMFRI - M.48. Kundugal Point (Gulf of Mannar).

## FAMILY CERITHIIDAE

49. *Cerithium obliquus* Bruguiere. CMFRI - M.49. Pamban (Gulf of Mannar).

50. *C. morus* Lamarck. CMFRI - M.50. Mandapam (Gulf of Mannar).

51. *C. vertagus* (Linnaeus). CMFRI - M.51. Andamans.

## SERIES PTENOGLOSSA

## FAMILY JANTHINIDAE

52. *Janthina roseola* Reeve. CMFRI - M.52. Mandapam (Gulf of Mannar).

53. *J. globosa* Swainson. CMFRI - M.53. Mandapam (Gulf of Mannar).

54. *J. prolongata* Blainville. CMFRI - M.54. Vedalai (Gulf of Mannar).

## SERIES AGLOSSA

## FAMILY STILIFERIDAE

55. *Stilifer* sp. CMFRI - M.55. Shingle Island (Gulf of Mannar).

## SERIES AMALTHEACEA

## FAMILY AMALTHEIDAE

56. *Cheilea equestris* (Linnaeus). CMFRI - M.56. Mandapam (Gulf of Mannar).

## SERIES CALYPTRAEACEA

## FAMILY CALYPTRAEIDAE

57. *Thyca* sp. CMFRI - M.57. Mandapam (Gulf of Mannar).  
 58. *Calyptraea (Corbiculum) extincitorium* Lamarck. CMFRI - M.58. Durgavalasai (Palk Bay)  
 59. *Crepidula walshi* Herrmannson. CMFRI – M. 59. Athankarai (Palk Bay).

## SERIES STROMBACEA

## FAMILY STROMBIDAE

60. *Tibia curta* Sowerby. CMFRI – M. 60. Tuticorin (Gulf of Mannar).  
 61. *Strombus marginatus* Linnaeus. CMFRI – M. 61. Devipatnam (Palk Bay).  
 62. *S. canaruim* Linnaeus. CMFRI – M. 62. Vedalai (Gulf of Mannar).  
 63. *S. urceus* (Linnaeus). CMFRI – M. 63. Pamban (Gulf of Mannar).  
 64. *Pterocera lambis* (Linnaeus). CMFRI – M. 64. Hare Island (Gulf of Mannar); Andamans; Minicoy  
 (Laccadives).  
 65. *P. chiragra* (Linnaeus). CMFRI – M. 65. Andamans; Minicoy (Laccadives).  
 66. *P. scorpius* (Linnaeus). CMFRI – M. 66. Minicoy (Laccadives).

## SERIES NATICACEA

## FAMILY NATICIDAE

67. *Polinices mamilla* (Linnaeus). CMFRI – M. 67. Pulli Island (Gulf of Mannar).  
 68. *Natica lamarckii* Chenu. CMFRI – M. 68. Mandapam (Gulf of Mannar).  
 69. *N. didyma* (Röding). CMFRI – M. 69. Pullivasal Island (Gulf of Mannar).  
 70. *N. lineata* Lamarck. CMFRI – M. 70. Krusadai Island (Gulf of Mannar).  
 71. *N. tigrina* (Röding). CMFRI – M. 71. Pamban (Gulf of Mannar).  
 72. *Sinum planulatum* (Recluz). CMFRI – M. 72. Krusadai Island (Gulf of Mannar).  
 73. *S. delessertii* (Recluz). CMFRI – M. 73. Pullivasal Island (Gulf of Mannar).  
 74. *S. neritoideum* (Linnaeus). CMFRI – M. 74. Krusadai Island (Gulf of Mannar).

## SERIES CYPRAEACEA

## FAMILY CYPRAEIDAE

75. *Ovulum birostre* (Linnaeus). CMFRI – M. 75. Mandapam(Gulf of Mannar).
76. *Cypraea (Erosaria) caput – serpentis* Linnaeus. CMFRI – M. 76. Mandapam(Gulf of Mannar);  
Minicoy (Laccadives).
77. *C. (E) ocellata* Linnaeus. CMFRI – M. 77. Mandapam (Gulf of Mannar)
78. *C. (Monetaria) annulus* Linnaeus. CMFRI – M. 78. Krusadai Island (Gulf of Mannar).
79. *C. (M) moneta* Linnaeus. CMFRI – M. 79. Mandapam (Gulf of Mannar).
80. *C. (Erronea) onyx* Linnaeus. CMFRI – M. 80. Rameswaram (Palk Bay).
81. *C. (E) erronea* Linnaeus. CMFRI – M. 81. Shingle Island (Gulf of Mannar).
82. *C. (E) caurica* Linnaeus. CMFRI – M. 82. Shingle Island (Gulf of Mannar).
83. *C. (Palmadusta) asellus* Linnaeus. CMFRI – M. 83. Pamban (Gulf of Mannar).
84. *C. (Mauritia) arabica* Linnaeus. CMFRI – M. 84. Mandapam (Gulf of Mannar); Andamans.
85. *C. (Cypraea) gris* Linnaeus. CMFRI – M. 85. Rameswaram (Palk Bay).
86. *C. (Lyncina) Iynx* Linnaeus. CMFRI – M. 86. Krusadai Island (Gulf of Mannar).
87. *C. (L) carneola* Linnaeus. CMFRI – M. 87. Pamban (Gulf of Mannar).

## SERIES DOLIACEA

## FAMILY CASSIDIDAE

88. *Phalium areola* (Lamarck). CMFRI – M. 88. Off Mandapam (Gulf of Mannar).
89. *P. glaucum* (Linnaeus). CMFRI – M. 89. Devipatnam (Palk Bay).
90. *Cassis (Cypraeacassis) rufa* (Linnaeus). CMFRI – M. 90. Minicoy (Laccadives).

## FAMILY CYMATIIDAE

91. *Cymatium rhinoceros* (Roding). CMFRI – M. 91. Vedalai (Gulf of Mannar).
92. *Charionia (Charionia) tritonis* (Linnaeus). CMFRI – M. 92. Andamans.



## FAMILY BURSIDAE

93. *Bursa spinosa* (Lamarck). CMFRI – M. 93. Pamban (Gulf of Mannar).  
 94. *B. rana* (Linnaeus). CMFRI – M. 94. Mandapam (Gulf of Mannar).  
 95. *B. rubeta* (Linnaeus). CMFRI – M. 95. Minicoy (Laccadives).  
 96. *B. suensonii* Morch. CMFRI – M. 96. Mandapam (Gulf of Mannar).  
 97. *B. granularis* (Roding). CMFRI – M. 97. Mandapam (Gulf of Mannar).

## FAMILY TONNIDAE

98. *Tonna dolium* (Linnaeus). CMFRI – M. 98. Kilakkarai (Gulf of Mannar).  
 99. *T. cumingii* (Reeve). CMFRI – M. 99. Kilakkarai (Gulf of Mannar).  
 100. *T. perdix* (Linnaeus). CMFRI – M. 100. Minicoy (Laccadives).

## FAMILY FICIDAE

101. *Ficus ficus* (Linnaeus). CMFRI – M. 101. Off Quilon (Arabian sea); Pamban (Gulf of Mannar).

## ORDER STENOGLOSSA

## SERIES MURICACEA

## FAMILY MURICIDAE

102. *Rapana bulbosa* (Dillwyn). CMFRI – M. 102. Devipatnam (Palk Bay).  
 103. *Murex trapa* Roding. CMFRI – M. 103. Devipatnam (Palk Bay); Mandapam (Gulf of Mannar).  
 104. *M. haustellum* Linnaeus. CMFRI – M. 104. Rameswaram (Palk Bay).  
 105. *M. virgineus* (Roding). CMFRI – M. 105. Mandapam (Gulf of Mannar).  
 106. *M. virgineus* Var. *ponderosa* Sowerby. CMFRI – M. 106. Mandapam (Gulf of Mannar).  
 107. *M. adustus* (Lamarck). CMFRI – M. 107. Pamban (Gulf of Mannar).  
 108. *Drupa tuberculata* (Blainville). CMFRI – M. 108. Mandapam (Gulf of Mannar).  
 109. *D. margariticola* (Broderip). CMFRI – M. 109. Pamban (Gulf of Mannar).  
 110. *D. heptagonalis* (Reeve). CMFRI – M. 110. Shingle Island (Gulf of Mannar).

111. *Jopas sertum* (Bruguiere). CMFRI – M. 111. Pulli Island (Gulf of Mannar).  
 112. *Thais rudolphi* (Lamarck). CMFRI – M. 112. Mandapam, Krusadai Island (Gulf of Mannar).  
 113. *T. carnifera* (Lamarck). CMFRI – M. 113. Devipatnam (Palk Bay).  
 114. *T. bufo* (Lamarck). CMFRI – M. 114. Mandapam (Gulf of Mannar).  
 115. *T. tissoti* (Petit). CMFRI – M. 115. Irumeni (Palk Bay).

SERIES BUCCINACEA  
 FAMILY PYRENIDAE

116. *Pyrena zebra* (Gray). CMFRI – M. 116. Pamban (Palk Bay).

FAMILY BUCCINIDAE

117. *Babylonia spirata* (Linnaeus). CMFRI – M. 117. Athankarai (Palk Bay).  
 118. *Cantharus tranquebaricus* (Gmelin). CMFRI – M. 118.  
 119. *C. undosus* (Linnaeus). CMFRI – M. 119. Pulli Island (Gulf of Manar).

FAMILY VOLEMIDAE

120. *Hemifusus pugilinus* (Born). CMFRI – M. 120. Vedalai (Gulf of Mannar).  
 121. *H. cochlidium* (Linnaeus). CMFRI – M. 121. Devipatnam (Palk Bay).

FAMILY NASSIDAE

122. *Bullia vittata* (Linnaeus). CMFRI – M. 122. Rameswaram (Palk Bay).  
 123. *B. melanoides* Deshayes. CMFRI – M. 123. Rameswaram (Palk Bay).  
 124. *Nassa costata* Adams. CMFRI – M. 124. Mandapam (Palk Bay).  
 125. *N. thersites* (Bruguiere). CMFRI – M. 125. Mandapam (Palk Bay).  
 126. *N. jacksoniana* (Quoy & Gaimard). CMFRI – M. 126. Krusadai Island (Gulf of Mannar).  
 127. *N. hepatica* (Montagu). CMFRI – M. 127. Pamban (Gulf of Mannar).

FAMILY FASCIOLARIIDAE

128. *Fasciolaria filamentosa* Lamarck. CMFRI – M. 128. Rameswaram (Palk Bay).

129. *F. trapezium* (Linnaeus). CMFRI – M. 129. Pamban (Palk Bay); Andamans.

130. *Fusinus toreuma* (Lamarck). CMFRI – M. 130. Rameswaram (Palk Bay).

#### SERIES VOLUTACEA

##### FAMILY OLIVIDAE

131. *Ancilla Scaphella* (Sowerby). CMFRI – M. 131. Mandapam (Palk Bay).

132. *Oliva gibbosa* (Born). CMFRI – M. 132. Mandapam (Palk Bay).

133. *O. nebulosa* Lamarck. CMFRI – M. 133. Mandapam (Palk Bay).

##### FAMILY VASIDAE

134. *Vasum turbinellum* (Linnaeus). CMFRI – M. 134. Andamans; Minicoy (Laccadives).

135. *Xancus rapa* (Lamarck). CMFRI – M. 135. Tuticorin (Gulf of Mannar).

136. *X. pyrum* (Linnaeus). CMFRI – M. 136. Devipatnam (Palk Bay).

##### FAMILY HARPIDAE

137. *Harpa conoidalis* Lamarck. CMFRI – M. 137. Mandapam (Gulf of Mannar).

##### FAMILY VOLUTIDAE

138. *Voluta lapponica* Linnaeus. CMFRI – M. 138. Minicoy (Laccadives); Rameswaram (Palk Bay).

139. *Cybium melo* (Solander). CMFRI – M. 139. Rameswaram (Palk Bay).

##### FAMILY MARGINELLIDAE

140. *Marginella angustata* Sowerby. CMFRI – M. 140. Mandapam (Palk Bay).

#### SERIES TOXOGLOSSA

##### FAMILY TURRIDAE

141. *Brachytoma crenularis* (Lamarck). CMFRI – M. 141. Mandapam (Gulf of Mannar).

##### FAMILY CONIDAE

142. *Conus figulinus* Linnaeus. CMFRI – M. 142. Rameswaram Island (Palk Bay).

143. *C. striatus* Linnaeus. CMFRI – M. 143. Rameswaram Island (Palk Bay).  
 144. *C. miles* Linnaeus. CMFRI – M. 144. Andamans.  
 145. *C. betulinus* Linnaeus. CMFRI – M. 145. Andamans.  
 146. *C. glans* Hwass. CMFRI – M. 146. Vedalai (Gulf of Mannar).  
 147. *C. coronatus* Dillwyn. CMFRI – M. 147. Rameswaram Island (Palk Bay).  
 148. *C. amadis* Gmelin. CMFRI – M. 148. Mandapam (Gulf of Mannar).  
 149. *C. ebraeus* Linnaeus. CMFRI – M. 149. Shingle Island (Gulf of Mannar); Minicoy (Laccadives.)  
 150. *C. virgo* Linnaeus. CMFRI – M. 150. Mandapam (Gulf of Mannar).  
 151. *C. geographus* Linnaeus. CMFRI – M. 151. Rameswaram (Palk Bay).  
 152. *C. araneosus* Hwass. CMFRI – M. 152. Pamban (Gulf of Mannar).

#### FAMILY TEREBRIDAE

153. *Duplicaria duplicata* (Linnaeus). CMFRI – M. 153. Mandapam (Palk Bay).  
 154. *Terebra maculata* (Linnaeus). CMFRI – M. 154. Minicoy (Laccadives).  
 155. *T. dimidiata* Linnaeus. CMFRI – M. 155. Andamans.

#### SUBCLASS OPISTHOBRANCHIA

##### ORDER PLEUROCOELA

##### SERIES CEPHALSPIDEA

##### FAMILY HYDATINIDAE

156. *Hydatina velum* (Gmelin). CMFRI – M. 156. Mandapam (Gulf of Mannar).

#### FAMILY BULLIDAE

157. *Bulla ampulla* Linnaeus. CMFRI – M. 157. Mandapam, Krusadai Island (Gulf of Mannar).

#### FAMILY ATYIDAE

158. *Haminoea tenera* (Adams). CMFRI – M. 158. Pullivasa Island, Mandapam (Gulf of Mannar);  
 Mandapam (Palk Bay).  
 159. *H. crocata* Pease. CMFRI – M. 159. Kundugal Point (Gulf of Mannar).  
 160. *Smaragdinella* sp. CMFRI – M. 160. Mandapam (Gulf of Mannar).

## FAMILY PHILINIDAE

161. *Philine orientalis* Gray. CMFRI – M. 161 . Mandapam (Palk Bay).

## SERIES ANASPIDEA

## FAMILY APLYSIIDAE

162. *Aplysia benedicti* Eliot. CMFRI – M. 162. Vedalai (Gulf of Mannar).

163. *Aplysia cornigera* Sowerby. CMFRI – M. 163. Rameswaram (Palk Bay).

164. *Notarchus leachii* de Blainville. CMFRI – M. 164. Vedalai (Gulf of Mannar); Irumeni (Palk Bay).

165. *Dolabella rumphii* Cuvier. CMFRI – M. 165. Vedalai (Gulf of Mannar); Mandapam (palk Bay).

## ORDER SACOGLOSSA

## FAMILY OXYNOIDAE

166. *Lobiger nevillei* Pilsbry. CMFRI – M. 166 . Mandapam (Gulf of Mannar).

167. *Oxynoe delicatula* Nevill. CMFRI – M. 167. Mandapam (Palk Bay).

## FAMILY STILIGERIDAE

168. *Stiliger irregularis* Eliot. CMFRI – M. 168 . Mandapam (Palk Bay).

169. *S. gopalai* Rao. CMFRI – M. 169. Mandapam (Palk Bay).

170. *S. nigrovittatus* Rao & Rao. CMFRI – M. 170 . Mandapam (Gulf of Mannar).

171. *S. varians* Eliot. CMFRI – M. 171. Mandapam (Palk Bay).

## FAMILY ELYSIIDAE

172. *Placobranchus ocellatus* Hasselt. CMFRI – M. 172 . Pamban (Gulf of Mannar).

173. *Elysia viridis* (Montagu). CMFRI – M. 173. Mandapam (Palk Bay).

174. *E. marginata* Pease. CMFRI – M. 174 . Mandapam (Gulf of Mannar).

175. *E. grandifolia* Kelaart. CMFRI – M. 175. Mandapam (Palk Bay).

## FAMILY JULIIDAE

176. *Berthelinia limax* Kawaguti & Baba. CMFRI – M. 176. Mandapam (Gulf Mannar).

ORDER ACOELA  
SUBORDER NOTASPIDEA  
FAMILY PLEUR OBRANCHIDAE

177. *Pleurobranchus (Oseanius)* sp. CMFRI – M. 177. Vedalai (Gulf of Mannar).

178. *Euselenops winckworthi* Satyamurti. CMFRI – M. 178. Pamban (Gulf of Mannar).

SUBORDER NUDIBRANCHIA  
SERIES DORIDACEA  
FAMILY DUVACELIIDAE

179. *Tritiniopsis elegans* Savigny. CMFRI – M. 179. Mandapam (Palk Bay).

FAMILY HEXABRANCHIDAE

180. *Hexabranchnus marginatus* (Quoy & Gaimard). CMFRI – M. 180. Mandapam (Gulf of Mannar).

FAMILY POLYCERIDAE

181. *Kalinga ornata* Alder & Hancock. CMFRI – M. 181. Porto – Novo (Bay of Bengal).

182. *Placomopherus ceylonicus* (Kelaart). CMFRI – M. 182. Mandapam (Gulf of Mannar).

FAMILY DORIDIDAE

183. *Glossodoris festiva* (Adams). CMFRI – M. 183. Agathi Island (Laccadives).

184. *Discodoris rubra* (Kelaart). CMFRI – M. 184. Mandapam (Gulf of Mannar).

185. *D. boholiensis* Bergh. CMFRI – M. 185. Mandapam (Palk Bay).

186. *D. concinna* (Alder & Hancock). CMFRI – M. 186. Mandapam (Palk Bay & Gulf of Mannar)

187. *Dendrodoris nigra* (Stimpson). CMFRI – M. 187. Mandapam (Gulf of Mannar).

188. *D. rubra* (Kelaart). CMFRI – M. 188. Krusadai Island (Gulf of Mannar).

## SERIES AEOLIDIACEA

## FAMILY ARMINIDAE

189. *Pleurophyllidia paucidentata* Odonoghue. CMFRI – M. 189. Pamban (Gulf of Mannar).

## FAMILY BORNELLIDAE

190. *Bornella digitata* Gray. CMFRI – M. 190. Pamban (Gulf of Mannar).

191. *B. excepte* Bergh. CMFRI – M. 191. Andamans.

## FAMILY TETHYIDAE

192. *Melibe fimbriata* Alder & Hancock. CMFRI – M. 192. Mandapam (Palk Bay).

## FAMILY LOMANOTIDAE

193. *Hancockia* sp. CMFRI – M. 193. Mandapam (Gulf of Mannar).

194. *Lomanotus* sp. CMFRI – M. 194. Mandapam (Gulf of Mannar).

## FAMILY DOTONIDAE

195. *Doto* sp. CMFRI – M. 195.

## FAMILY TERGIPEDIDAE

196. *Cuthona* sp. CMFRI – M. 196. Mandapam (Gulf of Mannar).

197. *Trinchesia* sp. CMFRI – M. 197. Mandapam (Gulf of Mannar).

## FAMILY AEOLIDIIDAE

198. *Favorinus argentimaculatus* Rao. CMFRI – M. 198. Mandapam (Gulf of Mannar).

199. *Moridella brockii* Bergh. CMFRI – M. 199. Mandapam (Gulf of Mannar).

200. *Pteraeolidia semperi* Bergh. CMFRI – M. 200. Aberdeen Bay (Andamans).

201. *Facellinella quadrilinetata* (Baba). CMFRI – M. 201. Mandapam (Gulf of Mannar).

202. *Facelinia militaris* (Alder & Hancock). CMFRI – M. 202.

203. *Rizzolia ceylonica* (Farran). CMFRI – M. 203. Mandapam (Gulf of Mannar).

204. *R. lineata* (Eliot). CMFRI – M. 204 . Mandapam (Gulf of Mannar).

205. *Eolidina (Eolidina) mannarensis* Rao & Alagarswami. CMFRI – M. 205. Mandapam (Gulf of Mannar).

ORDER ONCHIDIACEA

FAMILY ONCHIDIIDAE

206. *Onchidium verruculatum* Cuvier. CMFRI – M. 206. Mandapam, Pamban (Gulf of Mannar); Mandapam (Palk Bay); Porbander (Gulf of Kutch).

CLASS SCAPHOPODA

FAMILY DENTALIIDAE

207. *Dentalium octangulatum* Donovan. CMFRI – M. 207 .Mandapam (Gulf of Mannar); Malpe (Arabian Sea).

CLASS BIVALVIA (PELECYPODA)

ORDER TAXODONTA

SERIES ARCACEA

FAMILY ARCIDAE

208. *Arca tortuosa* Linnaeus. CMFRI – M. 208 . Mandapam (Gulf of Mannar).

209. *A. fusca* Bruguiere. CMFRI – M. 209 . Pamban (Gulf of Mannar).

210. *A. avellana* Lamarck. CMFRI – M. 210. Mandapam (Palk Bay).

211. *A. gubernaculum* Reeve. CMFRI – M. 211 . Mandapam (Gulf of Mannar).

212. *A. complanata* Chemnitz. CMFRI – M. 212 . Mandapam (Gulf of Mannar).

213. *A. inaequalvis* Bruguiere. CMFRI – M. 213 . Athankarai (Palk Bay).

214. *A. granosa* Lamarck. CMFRI – M. 214 . Rameswaram (Gulf of Mannar).

215. *A. navicularis* Bruguiere. CMFRI – M. 215 . Kilakkarai (Gulf of Mannar).

216. *A. symmetrica* Reeve. CMFRI – M. 216. Pamban (Gulf of Mannar).

FAMILY GLYCYMERIDAE

217. *Glycimeris taylori* (Angas). CMFRI – M. 217.



## ORDER ANISOMYARIA

## SERIES MYTILACEA

## FAMILY MYTILIDAE

218. *Modiolus metacalfei* (Hanley). CMFRI – M. 218 . Vedalai (Gulf of Mannar).
219. *M. tulpia* (Lamarck). CMFRI – M. 219 . Mandapam (Gulf of Mannar).
220. *M. striatulus* (Hanley). CMFRI – M. 220. Mandapam (Gulf of Mannar).
221. *Septifer bilocularis* (Linnaeus). CMFRI – M. 221. Mandapam (Palk Bay).
222. *Lithophaga teres* (Philippi). CMFRI – M. 222. Off Mandapam (Gulf of Mannar).
223. *L. gracilis* (Philippi). CMFRI – M. 223. Off Mandapam (Gulf of Mannar).
224. *L. nigra* (d' Orbigny). CMFRI – M. 224. Off Mandapam (Gulf of Mannar).
225. *L. stramineus* (Dunker). CMFRI – M. 225. Off Mandapam (Gulf of Mannar).
226. *L. levigata* (Quoy & Gaimard). CMFRI – M. 226. Off Mandapam (Gulf of Mannar).
227. *Botula cinnamomea* (Lamarck). CMFRI – M. 227. Mandapam (Palk Bay).
228. *Mytilus viridis* Linnaeus. CMFRI – M. 228. Calicut (Arabian Sea); Madras (Bay of Bengal).
229. *Mytilus* sp. CMFRI – M. 229. Calicut (Arabian Sea).

## SERIES PTERIACEA

## FAMILY ISOGNOMONIDAE

230. *Isognomon nucleus* (Lamarck). CMFRI – M. 230. Mandapam (Palk Bay).
231. *I. isognomum* (Linnaeus). CMFRI – M. 231. Mandapam (Palk Bay).
232. *I. legumen* (Gmelin). CMFRI – M. 232. Mandapam (Palk Bay).
233. *Vulsella vulsella* (Linnaeus). CMFRI – M. 233. Mandapam (Palk Bay).
234. *Malleus malleus* (Linnaeus). CMFRI – M. 234. Mandapam (Palk Bay).
235. *Malleus* sp. CMFRI – M. 235. Mandapam (Palk Bay).

## FAMILY PTERIDAE

236. *Pteria chinensis* (Leach). CMFRI – M. 236. Rameswaram Island (Palk Bay).
237. *Pteria penguin* (Roding). CMFRI – M. 237. Andamans.
238. *Pinctada maxima* (Jameson). CMFRI – M. 238.. Thursday Island (Australia).
239. *P. margaritifera* (Linnaeus). CMFRI – M. 239. Dongonab Bay (Sudan): Andamans.
240. *P. fucata* (Gould). CMFRI – M. 240. Tuticorin (Gulf of Mannar); Andamans.
241. *P. sugillata* (Reeve). CMFRI – M. 241. Tuticorin (Gulf of Mannar); Madras Harbour (Bay of Bengal)
242. *P. chemnitzii* (Philippi) CMFRI – M. 242.
243. *P. anomioides* (Reeve). CMFRI – M. 243. Madras (Bay of Bengal).
244. *P. martensi* (Dunker). CMFRI – M. 244.

## FAMILY PINNIDAE

245. *Pinna atropurpurea* Sowerby. CMFRI – M. 245. Mandapam (Palk Bay).
246. *P. bicolor* Gmelin. CMFRI – M. 246. Mandapam (Gulf of Mannar).
247. *P. (Atrina) vexillum* Born. CMFRI – M. 247. Andamans.
248. *P. (A) pectinata* Linnaeus. CMFRI – M. 248. Mandapam (Palk Bay).

## SERIES PECTINACEA

## FAMILY PECTINIDAE

249. *Pecten tranquebaricus* (Gmelin). CMFRI – M. 249. Mandapam (Gulf of Mannar).
250. *Spondylus layardi* Reeve. CMFRI – M. 250. Mandapam (Palk Bay).
251. *S. imperialis* Chenu. CMFRI – M. 251. Rameswaram Island (Palk Bay).

## FAMILY LIMIDAE

252. *Lima lima* (Linnaeus). CMFRI – M. 252.. Vedalai (Gulf of Mannar).

## SERIES ANOMIACEA

## FAMILY ANOMIIDAE

253. *Anomia* sp. CMFRI – M. 253. Pamban (Gulf of Mannar).

254. *Placenta placenta* (Linnaeus). CMFRI – M. 254. Rameswaram (Gulf of Mannar).

## SERIES OSTREACEA

## FAMILY OSTERIDAE

255. *Crassostrea madrasensis* Preston. CMFRI – M. 255. Athankarai (Palk Bay).

256. *C. cucullata* Born. CMFRI – M. 256. Mandapam (Palk Bay).

257. *Saxostrea gradiva* Iredale. CMFRI – M. 257. Low Island (Australia).

258. *Lopha hyotis* Linnaeus. CMFRI – M. 258. Low Island (Australia); Andamans.

## ORDER EULAMELLIBRANCHIATA

## SUBORDER SCHIZODONTA

## SERIES UNIONACEA

## FAMILY UNIONIDAE

259. *Lamellidens marginalis* (Lamarck). CMFRI – M. 259.

## SUBORDER HETERODONTA

## SERIES CARDITACEA

## FAMILY CARDITIDAE

260. *Cardita bicolor* Lamarck. CMFRI – M. 260.. Vedalai (Gulf of Mannar).

261. *Beguinia variegata* (Brugiere). CMFRI – M. 261. Mandapam (Gulf of Mannar).

## SERIES SPHAERIACEA

## FAMILY CORBICULIDAE

262. *Villorita cyprinoides* (Gray). CMFRI – M. 262. Cochin backwaters.

## SERIES LUCINACEA

## FAMILY LUCINIDAE

263. *Divaricella cumingii* (A. Adams & Angas). CMFRI – M.263. Mandapam (Palk Bay).

264. *Lucina edentula* (Linnaeus). CMFRI – M. 264. Pamban (Palk Bay).

## SERIES ERYCINACEA

## FAMILY ERYCINIDAE

265. *Galeoma paucistriata* Deshayes. CMFRI – M. 265. Mandapam (Gulf of Mannar).

266. *Scintilla hanleyi* Deshayes. CMFRI – M. 266. Mandapam (Palk Bay).

## SERIES CHAMACEA

## FAMILY CHAMIDAE

267. *Chama fragum* Reeve. CMFRI – M. 267. Mandapam (Palk Bay).

268. *Pseudochama cristella* (Lamarck). CMFRI – M. 268. Rameswaram (Palk Bay).

## SERIES CARDIACEA

## FAMILY CARDIIDAE

269. *Carduim flavum* Linnaeus. CMFRI – M. 269. Pamban (Palk Bay).

270. *C. asiaticum* Bruguiere. CMFRI – M. 270. Mandapam (Palk Bay).

271. *C. setosum* Redfern. CMFRI – M. 271. Pamban (Gulf of Mannar).

272. *C. assimile* Reeve. CMFRI – M. 272. Pamban (Gulf of Mannar).

273. *C. bicardita*. CMFRI – M. 273. Ennore (Bay of Bengal).

274. *C. isocardia*. CMFRI – M. 274. Ennore (Bay of Bengal).

275. *Lunulicardia retusa* (Linnaeus). CMFRI – M. 275. Mandapam (Palk Bay).

## FAMILY TRIDACNIDAE

276. *Tridacna elongata* Lamarck. CMFRI – M. 276. Andamans.

277. *T. squamosa* Link. CMFRI – M. 277. Andamans.

## SERIES VENERACEA

## FAMILY VENERIDAE

278. *Circe scripta* (Linnaeus). CMFRI – M. 278. Devipatnam, Mandapam (Palk Bay).
279. *Gafrarium tumidum* Roding. CMFRI – M. 279. Mandapam (Palk Bay).
280. *G. divaricata* (Chemnitz). CMFRI – M. 280. Rameswaram Island (Palk Bay).
281. *G. dispar* (Chemnitz) CMFRI – M. 281. Mandapam (Palk Bay).
282. *Meretrix casta* (Chemnitz) CMFRI – M. 282. Ennore (Bay of Bengal); Malpe (Arabian Sea); Athankarai (Palk Bay).
283. *M. meretrix* (Linnaeus). CMFRI – M. 283. Pamban (Gulf of Mannar).
284. *Pitar erycina* (Linnaeus). CMFRI – M. 284. Mandapam (Palk Bay).
285. *Sunetta scripta* (Linnaeus). CMFRI – M. 285. Mandapam (Palk Bay).
286. *S. clanucina* (Gmelin). CMFRI – M. 286. Mandapam (Palk Bay).
287. *Dosinia modesta* (Sowerby). CMFRI – M. 287. Pamban (Palk Bay).
288. *D. puella* Angas. CMFRI – M. 288. Pamban (Gulf of Mannar).
289. *D. discus*. CMFRI – M. 289. Krusadai Island (Gulf of Mannar).
290. *Venus reticulata* Linnaeus. CMFRI – M. 290. Mandapam (Palk Bay).
291. *Antigonia lamellaris* Schumacher. CMFRI – M. 291. Mandapam (Palk Bay).
292. *Chione tiara* (Dillwyn). CMFRI – M. 292. Tuticorin (Gulf of Mannar).
293. *Periglypta fischeri* (Recluz). CMFRI – M. 293. Mandapam (Gulf of Mannar).
294. *Venerupsis macrophylla* Deshayes. CMFRI – M. 294. Krusadai Island (Gulf of Mannar).
295. *Katelysia opima* (Gmelin). CMFRI – M. 295. Mandapam (Palk Bay).
296. *Paphia textile* (Gmelin). CMFRI – M. 296. Mandapam (Palk Bay).
297. *P. malabarica* (Dillwyn). CMFRI – M. 297. Madras (Bay of Bengal).
298. *Irus exoticus* (Lamarck). CMFRI – M. 298. Mandapam (Palk Bay).

## FAMILY PETRICOLIDAE

299. *Petricola lithophaga* (Retzius). CMFRI – M. 299. Mandapam (Gulf of Mannar).

300. *P. divergens* (Gmelin). CMFRI – M. 300. Mandapam (Gulf of Mannar).

## SERIES MACTRACEA

## FAMILY MESODESMATIDAE

301. *Mesodesma glabratum* (Lamarck). CMFRI – M. 301. Pamban (Gulf of Mannar).

## FAMILY MACTRIDAE

302. *Mactra cuneata* Chemnitz. CMFRI – M. 302. Pamban (Gulf of Mannar).

303. *M. turgida* Gmelin. CMFRI – M. 303. Rameswaram (Palk Bay)

304. *M. suneta*. CMFRI – M. 304. Ennore (Bay of Bengal).

305. *M. mera* Reeve. CMFRI – M. 305. Mandapam (Palk Bay).

306. *Standella nicobarica* (Gmelin). CMFRI – M. 306. Mandapam (Gulf of Mannar).

## SERIES TELLINACEA

## FAMILY DONACIDAE

307. *Donax cuneatus* Linnaeus. CMFRI – M. 307. Vedalai (Gulf of Mannar).

308. *D. scortum* Linnaeus. CMFRI – M. 308. Pamban (Gulf of Mannar).

309. *D. faba* Gmelin. CMFRI – M. 309. Vedalai (Gulf of Mannar).

310. *D. incarnates* Chemnitz. CMFRI – M. 310. Vedalai (Gulf of Mannar).

311. *D. sinosus* Gmelin. CMFRI – M. 311. Vedalai (Gulf of Mannar).

## FAMILY PSAMMOBIIDAE

312. *Sanguinolaria diphos* (Gmelin). CMFRI – M. 312. Port-Novo (Bay of Bengal).

313. *Solenocurtus philippinarum* Deshayes. CMFRI – M. 313.

314. *Siliquaria* sp. CMFRI – M. 314.

## FAMILY TELLINIDAE

315. *Tellina ala* Hanley. CMFRI – M. 315. Mandapam (Palk Bay).  
 316. *T. emarginata* Sowerby. CMFRI – M. 316. Mandapam (Palk Bay).  
 317. *T. bruguieri* Hanley. CMFRI – M. 317 Pamban (Gulf of Mannar).

## SUBORDER ADAPEDONTA

## SERIES SOLENACEA

## FAMILY SOLENIDAE

318. *Siliqua radiata* (Linnaeus). CMFRI – M. 318. Vedalai (Gulf of Mannar).  
 319. *Solen kempfi* Preston. CMFRI – M. 319. Ratnagiri (Arabian Sea).  
 320. *S. lamarckii* Deshayes. CMFRI – M. 320. Mandapam (Palk Bay).  
 321. *S. asperses* Dunker. CMFRI – M. 321. Mandapam (Palk Bay).  
 322. *S. grandis* Dunker. CMFRI – M. 322. Minicoy (Laccadives).

## SERIES GASTROCHAENACEA

## FAMILY GASTROCHAENIDAE

323. *Gastrochaena gigantea* (Deshayes). CMFRI – M. 323. Off Mandapam (Gulf of Mannar).  
 324. *G. impressa* (Deshayes). CMFRI – M. 324. Off Mandapam (Gulf of Mannar).  
 325. *G. lamellosa* (Deshayes). CMFRI – M. 325. Mandapam (Pak Bay).  
 326. *G. apertissima* (Deshayes). CMFRI – M. 326. Mandapam (Pak Bay).

## SERIES ADESMACEA

## FAMILY PHOLADIDAE

327. *Pholas (Monothyra) orientalis* Gmelin. CMFRI – M. 327. Nagapatnam (Bay of Bengal).  
 328. *Parapholas* sp. CMFRI – M. 328.  
 329. *Martesia striata* (Linnaeus) . CMFRI – M. 329. Krusadai Island (Gulf of Mannar).

## FAMILY TEREDINIDAE

330. *Teredo clava* Gmelin. CMFRI – M. 330. Mandapam (Pak Bay).

331. *Jouannetia cumingii* (Sowerby). CMFRI – M. 331. Off Mandapam (Gulf of Mannar).

332. *J. globosa* (Quoy & Gaimard). CMFRI – M. 332. Andamans.

## SUBORDER ANOMALODESMATA

## SERIES CLAVAGELLACEA

## FAMILY CLAVAGELLIDAE

333. *Brechites dichotomus* (Chenu). CMFRI – M. 333. Vedalai (Gulf of Mannar).



CATALOGUE OF MOLLUSCS IN THE REFERENCE  
COLLECTIONS OF THE CENTRAL MARINE  
FISHERIES RESEARCH INSTITUTE

2. Cephalopods

By

R. Sarvesan

*(Central Marine Fisheries Research Institute, Mandapam Camp)*



## I. CATALOGUE OF MOLLUSCS

## 2. Cephalopods

## CLASS CEPHALOPODA

## SUBCLASS NAUTILOIDEA

## FAMILY NAUTILIDAE

334. *Nautilus pompilius* Linnaeus. CMFRI – M. 334. Vedalai (Gulf of Mannar); Minicoy (Laccadives).

## SUBCLASS COLEOIDEA

## ORDER SEPIOIDEA

## FAMILY SPIRULIDAE

335. *Spirula spirula* (Linnaeus). CMFRI – M. 335. Mandapam (Gulf of Mannar).

## FAMILY SEPIIDAE

336. *Sepia aculeata* Ferussac & d'Orbigny. CMFRI – M. 336. Mandapam (Pak Bay); Vedalai (Gulf of Mannar).

337. *S. arabica* Massy. CMFRI – M. 337. Thangachimadam (Pak Bay).

338. *S. brevimana* Steenstrup. CMFRI – M. 338. Vedalai (Gulf of Mannar).

339. *S. pharaonis* Ehrenberg. CMFRI – M. 339. Rameswaram (Pak Bay). Pudumadam (Gulf of Mannar)

340. *S. thurstoni* Adam & Rees. CMFRI – M. 340. Rameswaram (Pak Bay). Mandapam (Gulf of Mannar).

341. *Sepia* sp. 1. CMFRI – M. 341. Tuticorin (Gulf of Mannar).

342. *Sepia* sp. 2. CMFRI – M. 342. Durgavalasai (Palk Bay).

343. *Sepiella inermis* (Ferussac & d'Orbigny). CMFRI – M. 343. Rameswaram Pamban (Pak Bay); Mandapam, Vedalai (Gulf of Mannar).

344. *Sepiella* sp. CMFRI – M. 344. Durgavalasai (Palk Bay).

## FAMILY SEPIOLIDAE

345. *Euprymna stenodactyla* (Grant). CMFRI – M. 345. Mandapam, Thangachimadam (Palk Bay); Vedalai (Gulf of Mannar).

346. *Iniotheuthis* sp. CMFRI – M. 346. Vedalai (Gulf of Mannar).

## ORDER TEUTHOIDEA

## SUBORDER MYOPSIDA

## FAMILY LOLIGINIDAE

347. *Loliolus investigatoris* Goodrich. CMFRI – M. 347. Waltair.

348. *Loliolus* sp. CMFRI – M. 348. Madras; Pondicherry; Vedalai (Gulf of Mannar).

349. *Loligo daucelii* d'Orbigny. CMFRI – M. 349. Rameswaram, Mandapam (Palk Bay); Pudumadam (Gulf of Mannar)

350. *Loligo* sp. CMFRI – M. 350. Pamban (Gulf of Mannar).

351. *Sepioteuthis arotipinnis* Gould. CMFRI – M. 351. Mandapam (Palk Bay); Vedalai Gulf of Mannar).

352. *Doryteuthis* sp. CMFRI – M. 352. Pamban (Gulf of Mannar).

## SUBORDER OEGOPSIDA

## FAMILY ENOPLOTEUTHIDAE

353. *Abralia andamanica* Goodrich. CMFRI – M. 353. Arabian Sea, 10° 15' N., 75° 18' E.

354. *Abraliopsis gilchristi* (Robson). CMFRI – M. 354. Arabian Sea, 11° 40' N., 71° 48' E.

355. *Thelidoteuthis alessandrini* Verany. CMFRI – M. 355. Arabian Sea, 10° 15' N., 75° 18' E.

## FAMILY OMMASTREPHIDAE

356. *Symplectoteuthis oualaniensis* (Lesson). CMFRI – M. 356. Rameswaram (Gulf of Mannar); Arabian Sea, 10° 55' N., 73° 22' E.

357. *Rhynchoteuthis* larva of *Symplectoteuthis oualaniensis* (Lesson). CMFRI – M. 357. Arabian Sea, 12° 28' N., 73° 32' E.

ORDER OCTOPODA  
SUBORDER INCIRRATA  
FAMILY BOLITAENIDAE

358. *Japetella diaphana* Hoyle. CMFRI – M. 358. Arabian Sea, 14° 49' N., 70° 40' E.

FAMILY OCTOPODIDAE

359. *Octopus dollfusi* Robson. CMFRI – M. 359. Mandapam (Palk Bay); Pudumadam (Gulf of Mannar).

360. *O. dollfusi* Robson. Larvae. CMFRI – M. 360. Mandapam (Palk Bay).

361. *O. globosus* Appellof. CMFRI – M. 361. Rameswaram (Palk Bay).

362. *O. hongkongensis* (Hoyle). CMFRI – M. 362. Mandapam (Palk Bay).

363. *O. macropus* Risso. CMFRI – M. 363.. Mandapam (Palk Bay); Madras.

364. *O. niveus* Lesson. CMFRI – M. 364. Chetlat (Laccadives).

365. *Octopus* sp. 1. CMFRI – M. 365. Tuticorin (Gulf of Mannar).

366. *Octopus* sp. 2. CMFRI – M. 366. Pondicherry.



CATALOGUE OF PRAWNS IN THE REFERENCE  
COLLECTIONS OF THE CENTRAL MARINE  
FISHERIES RESEARCH INSTITUTE

By

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## II. CATALOGUE OF PRAWNS\*

PHYLUM ARTHROPODA  
 CLASS CRUSTACEA  
 SUBCLASS MALACOSTRACA  
 SERIES EUMALACOSTRACA  
 SUPERORDER EUCARIDA  
 ORDER DECAPODA  
 SUBORDER NATANTIA  
 SECTION PENAEIDEA  
 FAMILY SERGESTIDAE  
 SUBFAMILY SERGESTINAE

GENUS *SERGESTES* H. MILNE-EDWARDS

1. *Sergestes seminudus* Hansen. CMFRI - AR. 221. Off Alleppey (Arabian Sea).

GENUS *ACETES* H. MILNE EDWARDS

2. *Acetes erythraeus* Nobili. CMFRI - AR. 222. Cochin (Arabian Sea).
3. *A. indicus* H. Milne -Edwards. CMFRI - AR. 223. Bombay (Arabian Sea).
4. *A. japonicus* Kishinouye. CMFRI - AR. 224. Cochin (Arabian Sea).
5. *A. cochinensis* Vedavyasa Rao. CMFRI - AR. 225. Cochin (Arabian Sea).

## SUBFAMILY LUCIFERINAE

GENUS *LUCIFER* H. MILNE-EDWARDS

6. *Lucifer hanseni* Uobili. CMFRI - AR. 226. Cochin (Arabian Sea).

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\* The specimens are kept in the Central Marine Fisheries Research Sub-station, Cochin.

FAMILY PENAEIDAE  
SUBFAMILY ARISTAEINAE  
GENUS *GENNADS* SPENCE BATE

7. *Gennadas propinquus* Rathbun. CMFRI - AR. 227. Off Alleppey (Arabian Sea).  
8. *G. scutatus* Bouvier. CMFRI - AR. 228. Off Alleppey (Arabian Sea).

GENUS *ARISTAEOMORPHA* WOOD-MASON

9. *Aristaeomorpha wood-masoni* Calman. CMFRI - AR. 229. Off Quilon.

GENUS *ARISTEUS* DUVERNOY

10. *Aristeus semidentatus* (Bate). CMFRI - AR. 230. Off Quilon (Arabian Sea).  
11. *A. alcocki* Ramadan, CMFRI - AR. 231. Off Alleppey (Arabian Sea).

SUBFAMILY SOLENOCERINAE  
GENUS *HYMENOPENAEUS* SMITH

12. *Hymenopenaeus aequalis* (Bate). CMFRI - AR. 232. Off Alleppey (Arabian Sea).

GENUS *SOLENOCERA* H. LUCAS

13. *Solenocera pectinata* (Bate). CMFRI - AR. 233. Off Cochin (Arabian Sea).  
14. *S. koelbeli* de Man. CMFRI - AR. 234. Off Ponnani (Arabian Sea).  
15. *S. hextii* Wood-Mason. CMFRI - AR. 235. Off Alleppey (Arabian Sea).  
16. *S. alticarninata* Kubo. CMFRI - AR. 236. Off Cochin (Arabian Sea).  
17. *S. indica* Nataraj. CMFRI - AR. 237. Bombay (Arabian Sea).  
18. *S. melantho* de Man. CMFRI - AR. 238. Off Alleppey (Arabian Sea).  
19. *S. choprai* Nataraj. CMFRI - AR. 239. Off Cochin (Arabian Sea).  
20. *S. fayoni* de Man. CMFRI - AR. 240. Hong Kong.  
21. *S. Solenocera* sp. CMFRI - AR. 241. Hong Kong.

22. *S. breviceps* Kubo. CMFRI - AR. 242. Macclesfield Bank (Hong kong)

23. *Solenocera* sp. CMFRI - AR. 243. Hong kong.

#### SUBFAMILY PENAEINAE

#### GENUS *PENAEUS* FABRICIUS

24. *Penaeus japonicus* Bate. CMFRI - AR. 244. Cochin (Arabian Sea).

25. *P. latisulcatus* Kishinouye. CMFRI - AR. 245. Cochin (Arabian Sea).

26. *P. canaliculatus* (Olivier). CMFRI - AR. 246. Cochin (Arabian Sea).

27. *P. monodon* Fabricius. CMFRI - AR. 247. Cochin (Arabian Sea).

28. *P. semisulcatus* de Haan. CMFRI - AR. 248. Cochin (Arabian Sea).

29. *P. indicus* H. Milne- Edwards. CMFRI - AR. 249. Cochin (Arabian Sea).

30. *P. merguensis* de Man. CMFRI - AR. 250. Kakinada (Bay of Bengal).

31. *P. penicillatus* Alcock. CMFRI - AR. 251. Veraval (Arabian Sea).

32. *P. aztecus* Ives. CMFRI - AR. 252. Galveston (Gulf of Mexico).

33. *P. duorarum* Burkenroad. CMFRI - AR. 253. Galveston (Gulf of Mexico).

34. *P. setiferus* (Linnaeus). CMFRI - AR. 254. Galveston (Gulf of Mexico).

#### GENUS *PENAEOPSIS* BATE

35. *Penaeopsis rectacuta* (Bate). CMFRI - AR. 255. Off Quilon (Arabian Sea).

#### GENUS *METAPENAEUS* WOOD-MASON & ALCOCK

36. *Metapenaeus monoceros* (Fabricius). CMFRI - AR. 256. Cochin (Arabian Sea).

37. *M. affinis* (H. Milne-Edwards). CMFRI - AR. 257. Cochin (Arabian Sea).

38. *M. ensis* (de Haan). CMFRI - AR. 258. Visakhapatnam (Bay of Bengal).

39. *M. dobsoni* (Miers). CMFRI - AR. 259. Cochin (Arabian Sea).

40. *M. brevicornis* (H. Milne-Edwards). . CMFRI - AR. 260. Kakinada (Bay of Bengal).

41. *M. burkenroadi* Kubo. CMFRI - AR. 261. Cochin backwaters.

42. *M. stebbingi* (Nobili). CMFRI - AR. 262. Gulf of Kutch (Arabian Sea).  
 43. *M. kutchensis* George, George & Rao. CMFRI - AR. 263. Gulf of Kutch (Arabian Sea).  
 44. *M. alcocki* George & Rao. CMFRI - AR. 264.. Gulf of Kutch (Arabian Sea).  
 45. *M. joyneri* (Miers). CMFRI - AR. 265. Hong kong.  
 46. *M. kyushuensis* (Yokoya). CMFRI - AR. 266. Hong kong.

GENUS *ATYPOPENAEUS* ALCOCK

47. *Atyopopenaeus stenodactylus* (Stimpson). CMFRI - AR. 267. Bombay (Arabian Sea).

GENUS *PARAPENAEOPSIS* ALCOCK

48. *Parapenaeopsis tenella* (Bate). CMFRI - AR. 268. Mandapam (Palk Bay).  
 49. *P. cornuta* (Kishinouye). CMFRI - AR. 269. Mangalore (Arabian Sea).  
 50. *P. maxillipedo* Alcock. CMFRI - AR. 270. Cochin (Arabian Sea).  
 51. *P. hardwickii* (Miers). CMFRI - AR. 271. Kakinada (Bay of Bengal).  
 52. *P. sculptilis* (Heller). CMFRI - AR. 272. Kakinada (Bay of Bengal).  
 53. *P. stylifera* (H. Milne- Edwards). CMFRI - AR. 273. Cochin (Arabian Sea).  
 54. *P. acclivirostris* (Alcock). CMFRI - AR. 274. Off Alleppey (Arabian Sea).  
 55. *P. uncta* Alcock. CMFRI - AR. 275. Colachel (Arabian Sea).  
 56. *P. nana* Alcock. CMFRI - AR. 276. Kakinada (Bay of Bengal).  
 57. *P. hungerfordi* Alcock. CMFRI - AR. 277. Hong kong.

GENUS *TRACHYPENAEUS* ALCOCK

58. *Trachypenaeus curvirostris* (Stimpson). CMFRI - AR. 278. Off cochin (Arabian Sea).  
 59. *T. sedili* (Hall). CMFRI - AR. 279. Off Trivandrum (Arabian Sea).  
 60. *T. pescadoreensis* Schmitt. CMFRI - AR. 280. Off Trivandrum (Arabian Sea).  
 61. *T. similis* (Smith). CMFRI - AR. 281. Faluwestor (Gulf of Mexico).

62. *Trachypenaeus* sp. CMFRI - AR. 282. Hong kong.

GENUS *PARAPENAEUS* SMITH

63. *Parapenaeus investigatoris* Alcock & Anderson. CMFRI - AR. 283. Off Alleppey (Arabian Sea).

64. *P. longipes* Alcock. CMFRI - AR. 284. Cochin (Arabian Sea).

GENUS *XIPHOPENAEUS* S.I. SMITH

65. *Xiphopenaeus kroyeri* (Heller). CMFRI - AR. 285. Galveston (Gulf of Mexico).

GENUS *METAPENAEOPSIS* BOUVIER

66. *Metapenaeopsis stridulans* (Alcock). CMFRI - AR. 286. Visakhapatnam (Bay of Bengal).

67. *M. barbata* (de Haan). CMFRI - AR. 287. Visakhapatnam (Bay of Bengal).

68. *M. andamanensis* (Wood-Mason & Alcock). CMFRI - AR. 288. Off Quilon (Arabian Sea).

69. *M. philippii* (Bate). CMFRI - AR. 289. Off Quilon (Arabian Sea).

SUBFAMILY SICYONINAE

GENUS *SICYONIA* H. MILNE-EDWARDS

70. *Sicyonia lancifer* (Olivier). CMFRI - AR. 290. Cochin (Arabian Sea).

71. *S. brevirostris* (Stimpson). CMFRI - AR. 291. Free Port (Gulf of Mexico).

SECTION CARIDEA

SUPERFAMILY OPLOPHOROIDA

FAMILY OPLOPHORIDAE

GENUS *OPLOPHORUS* H. MILNE-EDWARDS

72. *Oplophorus gracilirostris* A. Milne-Edwards. CMFRI - AR. 292. Off Quilon (Arabian Sea).

GENUS *ACANTHEPHYRA* A. MILNE-EDWARDS

73. *Acanthephyra sanguinea* Wood-Mason. CMFRI - AR. 293. Off Alleppey (Arabian Sea).

SUPERFAMILY PASIPHAEOIDA  
 FAMILY PASIPHAEIDAE  
 GENUS *PASIPHAEA* SAVIGNY

74. *Pasiphaea alcocki* Wood-Mason. CMFRI - AR. 294. Off Alleppey (Arabian Sea).

GENUS *LEPTOCHELA* STIMPSON

75. *Leptochela robusta* Stimpson. CMFRI - AR. 295. Off Alleppey (Arabian Sea).

SUPERFAMILY PALAEMOINIDA  
 FAMILY PALAEMONIDAE  
 SUBFAMILY PALAEMONINAE  
 GENUS *PALAEMON* WEBER

76. *Palaemon (Nematopalaemon) tenuipes* (Henderson). CMFRI - AR. 296. Bombay (Arabian Sea).

77. *P. (Exopalaemon) styliferus* H. Milne Edwards. CMFRI - AR. 297. Bombay (Arabian Sea).

GENUS *MACROBRACHIUM* BATE

78. *Macrobrachium rosenbergii* (de Man). CMFRI - AR. 298. Kumarakom (Vembanad Lake, Kerala)

79. *M. idea* (Heller). CMFRI - AR. 299. Cochin backwaters (Kerala).

80. *M. equidens* (Dana). CMFRI - AR. 300. Cochin backwaters (Kerala).

SUPERFAMILY ALPHEOIDA  
 FAMILY ALPHEIDAE  
 GENUS *ALPHEUS* FABRICIUS

81. *Alpheus paludicola* Kemp. CMFRI - AR. 301. Cochin backwaters (Kerala).

82. *A. crassimanus* Heller. CMFRI - AR. 302. Cochin backwaters (Kerala).

83. *A. rapax* Fabricius. CMFRI - AR. 303. Cochin backwaters (Kerala).

FAMILY HIPPOLYTIDAE  
GENUS *HIPPOLYSMATA* STIMPSON

84. *Hippolysmata ensirostris* Kemp. CMFRI - AR. 304. Cochin (Arabian Sea).

85. *H. vittata* Stimpson. CMFRI - AR. 305. Cannanore (Arabian Sea).

SUPERFAMILY PANDALOIDA  
FAMILY PANDALIDAE  
GENUS *PARAPANDALUS* BORRADAILE

86. *Parapandalus spinipes* Bate. CMFRI - AR. 306. Off Quilon (Arabian Sea).

GENUS *PLESIONIKA* BATE

87. *Plesionika martia* (A. Milne-Edwards). CMFRI - AR. 307. Off Quilon (Arabian Sea).

88. *P. ensis* (A. Milne-Edwards). CMFRI - AR. 308. Off Quilon (Arabian Sea).

89. *P. alcocki* (A.R.S. Anderson). CMFRI - AR. 309. Off Quilon (Arabian Sea).

GENUS *HETEROCARPUS* A. MILNE-EDWARDS

90. *Heterocarpus wood-masoni* Alcock. CMFRI - AR. 310. Off Quilon (Arabian Sea).

91. *H. gibbosus* Bate. CMFRI - AR. 311. Off Quilon (Arabian Sea).

92. *H. ensifer* A. Milne-Edwards. CMFRI - AR. 312. Off Quilon (Arabian Sea).

FAMILY THALASSOCARIDIDAE  
GENUS *THALASSOCARIS* STIMPSON

93. *Thalassocaris lucida* (Dana). CMFRI - AR. 313. Off Quilon (from the stomach of *Neothunnus macropterus*) (Arabian Sea).

SUPERFAMILY CRANGONOIDA  
FAMILY GLYPHOCRANGONIDAE  
GENUS *GLYPHOCRANGONA* A. MILNE-EDWARDS

94. *Glyphocrangon regalis* Bate. CMFRI - AR. 314 . Off Quilon (Arabian Sea).

FAMILY CRANGONIDAE  
GENUS *PONTOCARIS* BATE

93. *Pontocaris andamanensis* (Wood-Mason). CMFRI - AR. 315 . Off Alleppey (Arabian Sea).



CATALOGUE OF STOMATOPODS IN REFERENCE  
COLLECTIONS OF THE CENTRAL MARINE  
FISHERIES RESEARCH INSTITUTE

By

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### III. CATALOGUE OF STOMATOPODS

#### PHYLUM ARTHROPODA

#### CLASS CRUSTACEA

#### ORDER STOMATOPODA

1. *Acanthosquilla acanthocarpus* (Miers) CMFRI - AR. 316. Mandapam ( Gulf of Mannar).
2. *Alima hyalina* Leach. CMFRI - AR. 317. Minicoy (Laccadives).
3. *Anchisquilla pasciata* (de Hann). CMFRI - AR. 318, Mandapam (Palk Bay).
4. *Clorida bombayensis* (Chapgar & Sane). CMFRI - AR. 319. Bombay.
5. *C. latreillei* Eydoux & Sonleyet. CMFRI - AR. 320. Bombay.
6. *C. microphthalma* (H. Milne-Edwards). CMFRI - AR. 321, Mandapam (Palk Bay); Bombay.
7. *Cloridopsis scorpio* (Latreille). CMFRI - AR. 322. Tuticorin ( Gulf of Mannar); Bombay.
8. *Carinosquilla lirata* (Kep & Chopra). CMFRI - AR. 323. Madras.
9. *C. multicarinata* White. CMFRI - AR. 324. Kundugal Point, Mandapam (Gulf of Mannar).
10. *Gonodactylus chiragra* (Fabricus). CMFRI - AR. 325. Andamans; Minicoy (Laccadives);  
Gulf of Kutch.
11. *Gonodactylus demanii* Henderson. CMFRI - AR. 326. Gulf of Kutch; Mandapam, Tuticorin  
(Gulf of Mannar).
12. *G. palcatus* (Forskal). CMFRI - AR. 327. Mandapam, Krusadai Island, Vedalai (Gulf of  
Mannar); Minicoy (Laccadives); Rameswaram (Palk Bay).
13. *G. platysoma* Wood-Mason. CMFRI - AR. 328. Minicoy (Laccadives)
14. *G. smithii* Pocock. CMFRI - AR. 329. Minicoy (Laccadives).
15. *Heterosquilla* sp. CMFRI - AR. 330. Minicoy (Laccadives).
16. *Harpiosquilla annandalei* (Kemp). CMFRI - AR. 331. Waltair.
17. *H. harpax* (de Haan). CMFRI - AR. 332. Mandapam (Palk Bay); Tuticorin (Gulf of Mannar);  
Waltair.

18. *Harpiosquilla raphidea* (Fabricius) CMFRI - AR. 333. Bombay.
19. *Lysiosquilla sulcirostris* Kemp. CMFRI - AR. 334. Neendakarai (Arabian Sea).
20. *L. tredecimdentata* Holthuis. CMFRI - AR. 335. Cochin, Calicut, Vizhingam (Arabian Sea);  
Pamban, Tuticorin, Mandapam (Gulf of Mannar).
21. *Oratosquilla holoschista* (Kemp). CMFRI - AR. 336. Madras; Neendakara, Cochin (Arabian Sea).
22. *O. inornata* (Tade). CMFRI - AR. 337. Tuticorin, Pamban, Mandapam (Gulf of Mannar).
23. *O. interrupta* (Kemp). CMFRI - AR. 338. Mandapam (Palk Bay); Bombay.
24. *O. nepa* (Latreille). CMFRI - AR. 339. Mandapam (Palk Bay); Pamban, Tuticorin (Gulf of Mannar); Cochin Thoppumpodi, Neendakara, Ganguli, Karwar, Bombay, Azhikode (Arabian Sea).
25. *O. perponsa* (Kemp). CMFRI - AR. 340. Waltair; Mandapam (Gulf of Mannar).
26. *O. quinquedentata* (Brooks). CMFRI - AR. 341. Mandapam (Gulf of Mannar & Palk Bay),  
Tuticorin (Gulf of Mannar).
27. *O. wood-masoni* (Kemp). CMFRI - AR. 342. Rameswaram (Palk Bay); Tuticorin, Vedalai,  
Pamban, Kundugal point (Gulf of Mannar); Colachel, Ganguli (Arabian Sea); Madras.
28. *Protosquilla pulchella* (Miers). CMFRI - AR. 343. Tuticorin, Mandapam (Gulf of Mannar).
29. *Pseudosquilla ciliata* (Fabricius). CMFRI - AR. 344. Minicoy (Laccadives).
30. *Squilloides leptosquilla* (Brooks). CMFRI - AR. 345. Ponnani (10°41' N., 75°21' E.);  
Cochin.

CATALOGUE OF MARINE ALGAE IN THE REFERENCE  
COLLECTIONS OF THE CENTRAL MARINE  
FISHERIES RESEARCH INSTITUTE

By

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*(Central Marine Fisheries Research Institute, Mandapam Camp)*



## IV. CATALOGUE OF MARINE ALGAE

## CLASS CHLOROPHYCEAE – GREEN ALGAE

## ORDER ULOTRICHALES

## FAMILY ULVACEAE

1. *Enteromorpha compressa* (Linnaeus) Greville. CMFRI – MA. 1. Mandapam, Vedalai (Gulf of Mannar); Pamban, Rameswaram (Palk Bay).
2. *Ulva lactuca* Linnaeus. CMFRI – MA. 2. Mandapam, Pamban, Rameswaram (Palk Bay); Krusadai Island (Gulf of Mannar).
3. *U. reticulata* Forskal. CMFRI – MA. 3. Mandapam, Pamban, Rameswaram (Palk Bay); Pulli Island, Shingle Island, Krusadai Island.

## ORDER CLADOPHORALES

## FAMILY CLADOPHORACEAE

4. *Chaetomorpha aerea* (Dillwyn) Kuetzing. CMFRI – MA. 4. Pamban (Palk Bay).
5. *C. antennina* Kuetzing. CMFRI – MA. 5. Mandapam, Pudumadam (Gulf of Mannar).
6. *C. clavata* (C. Agardh) Kuetzing. CMFRI – MA. 6. Mandapam (Palk Bay).
7. *Rhizoclonium kochianum* Kuetzing. CMFRI – MA. 7. Mandapam, Pudumadam (Gulf of Mannar).
8. *Cladophora colabens* Boergesen. CMFRI – MA. 8. Mandapam, (Gulf of Mannar); Pamban (Palk Bay).
9. *Spongomorpha indica* Thivy and Visalakshmi. CMFRI – MA. 9. Pamban (Palk Bay).

## ORDER SIPHONOCLADIALES

## FAMILY DASYCLADACEAE

10. *Neomeris annulata* Dickie. CMFRI – MA. 10. Mandapam, Pamban (Palk Bay); Shingle Island (Gulf of Mannar).
11. *Acetabularia caliculus* Quoy & Gaimard. CMFRI – MA. 11. Mandapam (Palk Bay); Pamban (Gulf of Mannar).
12. *A. mobii* Solms. CMFRI – MA. 12. Pamban (Palk Bay); Pulli Island (Gulf of Mannar).

13. *Halicystis boergesenii* Iyengar and Ramanathan. CMFRI – MA. 13. Krusadai Island (Gulf of Mannar); Mandapam, Tangachimadam (Palk Bay).
14. *Valonia aegagropila* C. Agardh. CMFRI – MA. 14. Vedalai (Gulf of Mannar); Mandapam (Palk Bay).
15. *V. utricularis* C. Agardh. CMFRI – MA. 15. Shingle Island (Gulf of Mannar).
16. *Valoniopsis pachynema* (Martens) Boergesen. CMFRI – MA. 16. Mandapam, Krusadai island, Pudumadam, Kilakarai (Gulf of Mannar).
17. *Boergesenia forbesii* (Harvey) Feldmann. CMFRI – MA. 17. Pamban, Rameswaram, Mandapam, Shingle Island, Krusadai Island, Pulli Island, Hare Island (Gulf of Mannar).
18. *Dictyosphaeria cevernosa* (Forskal) Boergesen . CMFRI – MA. 18. Mandapam (Palk Bay) Krusadai Island, Shingle Island, Hare Island (Gulf of Mannar).
19. *Cladophoropsis zoolingeri* (Kuetzing) Boergesen. CMFRI – MA. 19. Mandapam, Dhanushkodi (Gulf of Mannar).
20. *Boodlea composita* (Harvey and Hooker fil) Brand. CMFRI – MA. 20. Mandapam (Gulf of Mannar and Palk Bay).
21. *Microdictyon agardhianum* Decsne. CMFRI – MA. 21. Mandapam (Palk Bay).
22. *Struvea delicatula* Kuetzing. CMFRI – MA. 22. Mandapam (Palk Bay).
23. *Anadyomene stellata* (Wulfen) C. Agardh. CMFRI – MA. 23. Hare Island, Pullivasal Island (Gulf of Mannar).

ORDER SIPHONALES  
FAMILY BRYOPSIDACEAE

24. *Bryopsis hypnoides* Lamouroux. CMFRI – MA. 24. Mandapam (Palk Bay).
25. *B. plumosa* (Hudson) C. Agardh. CMFRI – MA. 25. Mandapam, Rameswaram (Palk Bay); Mandapam, Vedalai, Pudumadam (Gulf of Mannar).
26. *Pseudobryopsis mucronata* Boergesen. CMFRI – MA. 26. Mandapam (Palk bay); Pamban (Gulf of Mannar).

FAMILY CAULERPACEAE

27. *Caulera ashmeadii* Harvey. CMFRI – MA. 27. Mandapam (Palk Bay); Krusudai Island (Gulf of Mannar).
28. *C. chemnitizia* (Esper) Weber-Van Bosse. CMFRI – MA. 28. Krusudai Island (Gulf of Mannar).



29. *C. corynephora* Montagne. CMFRI – MA. 29. Mandapam, Manauli Island (Gulf of Mannar).
30. *C. cupressoides* v. *typica* Weber-Van Bosse. CMFRI – MA. 30. Mandapam, Pamban (Palk Bay); Shingle Island, Pulli Island (Gulf of Mannar).
31. *C. fastigiata* Montagne. CMFRI – MA. 31. Kilakarai (Gulf of mannar).
32. *C. fergusonii* Murray. CMFRI – MA. 32. Thonithorai (Palk Bay); Kilakarai (Gulf of Mannar).
33. *C. mexicana* (Sonder) J. Agardh. CMFRI – MA. 33. Rameswaram (Palk Bay); Krusadai Island (Gulf of Mannar).
34. *C. microphysa* (Weber- Van Bosse) Feldmann. CMFRI – MA. 34. Mandapam (Palk Bay); Pulli Island, New Islet (Gulf of Mannar).
35. *C. peltata* (Turner) Lamouroux. CMFRI – MA. 35. Mandapam (Palk Bay); Krusadai Island, New Islet (Gulf of Mannar).
36. *C. racemosa* v. *clavifera* (Turner) Weber-van Bosse. CMFRI – MA. 36. Mandapam (Palk Bay); Krusadai Island, Pulli Island, Hare Island (Gulf of Mannar).
37. *C. racemosa* v. *laetevirens* f. *cylindracea* (Sonder) Weber-Van Bosse. CMFRI – MA. 37. Pudumadam (Gulf of Mannar).
38. *C. racemosa* v. *laetevirens* f. *laxa* (Greville) Weber-Van Bosse. CMFRI – MA. 38. Krusadai Island, Mandapam (Gulf of Mannar).
39. *C. racemosa* v. *macrophysa* (Kuetzing) Taylor. CMFRI – MA. 39. Mandapam (Gulf of Mannar).
40. *C. scalpelliformis* f. *denticulatea* (Decsne) Weber- Van Bosse. CMFRI – MA. 40. Mandapam, Pudumadam (Gulf of Mannar).
41. *C. scalpelliformis* f. *dwarkensis* Boergesen. CMFRI – MA. 41. Manauli Island, Pudumadam, Kilkarai (Gulf of Mnnar).
42. *C. scalpelliformis* f. *intermedia* Weber-Van Bosse. CMFRI – MA. 42. Pudumadam (Gulf of Mannar).
43. *C. serrulata* v. *typica* f. *lata* (Weber-Van Bosse) Tseng. CMFRI – MA. 43. Mandapam, Pamban (Palk Bay); Shingle Island, Manauli Island, Krusadai Island, Hare Island (Gulf of Mannar).
44. *C. sertularioides* f. *brevipes* (J. Agardh) Svedelius. CMFRI – MA. 44. Mandapam (Gulf of Mannar), Pamban(Palk Bay).
45. *C. sertularioides* f. *longiseta* (Bory) Svedelius. CMFRI – MA. 45. Mandapam (Palk Bay).
46. *C. taxifolia* (Vahl) C. Agardh. CMFRI – MA. 46. Mandapam (Palk Bay); Mandapam, Manauli Island (Gulf of mannar).

47. *C. verticillata* J. Agardh f. *typica*. CMFRI – MA. 47. Pamban (Palk Bay). Pullivasal Island, Thonithorai (Gulf of Mannar).

#### FAMILY CODIACEAE

48. *Avrainvillea erecta* (Berkel.) Gepp. CMFRI – MA. 48. Mandapam (Palk Bay); Krusadai Island, Hare Island (Gulf of Mannar).

49. *Udotea flabellum* (Ellis and Solander) Howe. CMFRI – MA. 49. Hare Island (Gulf of Mannar).

50. *U. javensis* (Montagne) Gepp. CMFRI – MA. 50. Pamban (Palk Bay); Krusadai Island, Pulli Island (Gulf of Mannar).

51. *Penicillus sibogae* Gepp. CMFRI – MA. 51. Pamban (Palk Bay); Mandapam, Pudumadam (Gulf of Mannar).

52. *Halimeda opuntia* f. *typica* Barton. CMFRI – MA. 52. Mandapam (Palk Bay); Shingle Island, Krusadai Island, Pullivasal Island, Pulli Island, New Islet, Manauli Island, Hare Island (Gulf of Mannar).

53. *H. tuna* (Ellis and Solander) Lamouroux. CMFRI – MA. 53. Mandapam (Palk Bay); Shingle Island, New Islet, Hare Island (Gulf of Mannar).

54. *Codium adherens* (Cabreria) C. Agardh. CMFRI – MA. 54. Mandapam, Shingle Island, Krusadai Island (Gulf of Mannar).

55. *C. decorticatum* (Woodward) Howe. CMFRI – MA. 55. Mandapam (Gulf of Mannar).

56. *C. tomentosum* (Hudson) Stackhouse. CMFRI – MA. 56. Mandapam (Gulf of Mannar).

#### CLASS PHAEOPHYCEAE – BROWN ALGAE

##### ORDER ECTOCARPALES

##### FAMILY ECTOCARPACEAE

57. *Bachelotia antillarum* (Grumow) Gerloff. CMFRI – MA. 57. Mandapam (Gulf of Mannar).

58. *Ectocarpus breviarticulatus* J. Agardh. CMFRI – MA. 58. Mandapam (Gulf of Mannar).

59. *E. indicus* Sonder. CMFRI – MA. 59. Dhanushkodi, Pamban (Gulf of Mannar).

60. *Feldmannia irregularis* (Kuetzing) Hamel. CMFRI – MA. 60. Mandapam, Pamban, (Gulf of Mannar).

ORDER SPHACELARIALES  
FAMILY SPHACELARIACEAE

61. *Sphacelaria furcigera* Kuetzing. CMFRI – MA. 61. Mandapam, Pudumadam, (Gulf of Mannar).  
62. *S. tribuloides* Meneghini. CMFRI – MA. 62. Mandapam, Pudumadam (Gulf of Mannar).

ORDER DICTYOTALES  
FAMILY DICTYOTACEAE

63. *Dictyota bartayresiana* Lamouroux. CMFRI – MA. 63. Shingle Island (Gulf of Mannar);  
Rameswaram (Palk Bay).  
64. *D. dichotoma* (Hudson) Lamouroux. CMFRI – MA. 64. Mandapam (Gulf of Mannar).  
Rameswaram (Palk Bay).  
65. *Stoechospermum marginatum* (C. Agardh) Kuetzing. CMFRI – MA. 65. Mandapam  
Pudumadam (Gulf of Mannar); Rameswaram (Palk Bay).  
66. *Spathoglossum asperum* J. Agardh. CMFRI – MA. 66. Vedalai, Mandapam, Pamban,  
Pudumadam (Gulf of Mannar).  
67. *Dictyopteris delicatula* Lamouroux. CMFRI – MA. 67. Pudumadam (Gulf of Mannar).  
68. *D. muelleri* (Sonder) Weber-Van Bosse. CMFRI – MA. 68. Pamban (Palk Bay); Pudumadam  
(Gulf of Mannar).  
69. *Pocockiella variegata* (Lamouroux) Papenfuss. CMFRI – MA. 69. Mandapam, Pulli Island  
(Gulf of Mannar); Pamban (Palk Bay).  
70. *Padina commersonii* Bory. CMFRI – MA. 70. Mandapam, Pamban (Palk Bay).  
71. *P. gymnospora* (Kuetzing) Vickers. CMFRI – MA. 71. Mandapam, Shingle Island, Krusadai  
Island (Gulf of Mannar).  
72. *P. pavonia* (Linnaeus) Lamouroux. CMFRI – MA. 72. Mandapam (Palk Bay).  
73. *P. tetrastromatica* Hauck. CMFRI – MA. 73. Mandapam, Pudumadam (Gulf of Mannar).  
Pamban (Palk Bay).

ORDER PUNCTARIALES  
FAMILY PUNCTARIACEAE

74. *Colpomenia sinuosa* (Roth) Derbes and Solier. CMFRI – MA. 74. Pamban (Palk Bay);  
Vedalai, Manauli Island (Gulf of Mannar).

75. *Hydroclathrus clathratus* (Bory) Howe. CMFRI – MA. 75. Mandapam (Palk Bay); Krusadai Island, Pullivasal Island, Manauli Island (Gulf of Mannar).
76. *Rosenvingea intricata* (J. Agardh) Boergesen. CMFRI – MA. 76. Mandapam (Gulf of Mannar).
77. *R. nhatrangensis* Dawson. CMFRI – MA. 77. Pamban (Palk Bay).
78. *R. sanctae-crucis* Boergesen. CMFRI – MA. 78. Vedalai (Gulf of Mannar).
79. *Chnoospora implexa* (Hering). J. Agardh. CMFRI – MA. 79. Mandapam (Pak Bay); Manauli Island, Hare Island, Mandapam (Gulf of Mannar).
80. *C. minima* (Hering) Papenfuss. CMFRI – MA. 80. Dhanushkodi (Gulf of Mannar).

#### ORDER FUCALES

#### FAMILY SARGASSACEAE

81. *Cystophyllum muricatum* (Turner) J. Agardh. CMFRI – MA. 81. Pamban (Palk Bay); Krusadai Island (Gulf of Mannar).
82. *Hormophysa triaetra* (Linnaeus) Kuetzing. CMFRI – MA. 82. Pamban, Mandapam, Vedalai, Krusadai Island (Gulf of Mannar).
83. *Sargassum illicifolium* (Turner) C. Agardh. CMFRI – MA. 83. Shingle Island (Gulf of Mannar).
84. *S. myriocystum* J. Agardh. CMFRI – MA. 84. Mandapam, Rameswaram (Pak Bay); Pudumadam, Shingle Island (Gulf of Mannar).
85. *S. tenerrimum* J. Agardh. CMFRI – MA. 85. Shingle Island (Gulf of Mannar).
86. *S. wightii* (Greville) J. Agardh. CMFRI – MA. 86. Mandapam, Pudumadam (Gulf of Mannar).
87. *Turbinaria conoides* (J. Agardh) Kuetzing. CMFRI – MA. 87. Mandapam, Pulli Island New Islet, Manauli Island (Gulf of Mannar).
88. *T. decurrens* Bory. CMFRI – MA. 88. Mandapam (Gulf of Mannar).
89. *T. ornata* (Turner) J. Agardh. CMFRI – MA. 89. Mandapam, Thangachimadam (Palk Bay).

#### CLASS RHODOPHYCEAE – RED ALGAE

#### SUBCLASS BANGIOIDEAE

#### ORDER BANGIALES

#### FAMILY BANGIACEAE

90. *Porphyra vietnamensis* Tanaka and Ho. CMFRI – MA. 90. Visakhapatnam.

SUBCLASS FLORIDEAE  
ORDER NEMALIONALES  
FAMILY HELMINTHOCLADIACEAE

91. *Liagora ceranoides* Lamouroux. CMFRI – MA. 91. Pamban (Gulf of Mannar).

92. *L. erecta* Zeh. CMFRI – MA. 92. Mandapam (Gulf of Mannar).

FAMILY CHAETANGIACEAE

93. *Scinaia bengalica* Boergesen. CMFRI – MA. 93. Mandapam (Palk Bay).

94. *Actinotrichia fragilis* (Forskål) Boergesen. CMFRI – MA. 94. Mandapam, Krusadai Island (Gulf of Mannar).

95. *Galaxaura oblongata* (Ellis and Solander) Lamouroux. CMFRI – MA. 95. Pamban (Palk Bay); Shingle Island (Gulf of Mannar).

96. *G. obtusata* (Ellis and Solander) Lamouroux. CMFRI – MA. 96. Pamban, Pudumadam, Tuticorin (Gulf of Mannar).

FAMILY BONNEMAISONIACEAE

97. *Asparagopsis taxiformis* (Delile) Collins and Hervey. CMFRI – MA. 97. Mandapam, Pudumadam (Gulf of Mannar).

ORDER GELIDIALES  
FAMILY GELIDIACEAE

98. *Gelediella acerosa* (Forskål) Feldmann and Hamel. CMFRI – MA. 98. Rameswaram, Tangachimadam (Palk Bay); Shingle Island, Krusadai Island, Pulli Island, Pudumadam, Kilakarai (Gulf of Mannar).

99. *Gelidiopsis variabilis* (Greville) Schmitz. CMFRI – MA. 99. Mandapam, Pudumadam (Gulf of Mannar).

100. *Gelidium heteroplatos* Boergesen. CMFRI – MA. 100. Rameswaram (Palk Bay); Mandapam (Gulf of Mannar).

101. *G. pusillum* (Stackhouse) Le Jollis. CMFRI – MA. 101. Mandapam, Pudumadam (Gulf of Mannar).

ORDER CRYPTONEMIALES  
FAMILY RHIZOPHYLLIDACEAE

102. *Chondrococcus harnemanni* (Mert.) Schmitz. CMFRI – MA. 102. Mandapam, (Palk Bay); Krusadai island, Pulli Island, Pudumadam (Gulf of Mannar).

## FAMILY CORALLINACEAE

103. *Fosliella farinosa* (Lamouroux) Howe. CMFRI – MA. 103. Mandapam (Gulf of Mannar).
104. *Dermatolithon ascripticum* (Foslie) Setchell and Mason. CMFRI – MA. 104. Mandapam, Pudumadam (Gulf of Mannar), Rameswaram (Palk Bay).
105. *Amphirca anceps* (Lamouroux) Decne. CMFRI – MA. 105. Krusadai Island, Pullivasal Island (Gulf of Mannar)
106. *A. fragilissima* (Linnaeus) Lamouroux. CMFRI – MA. 106. Mandapam, Pamban (Gulf of Mannar and Palk Bay); Shingle Island, Krusadai Island, Pullivasal Island, Pulli Island, Manauli Island, Hare Island, Kilakarai (Gulf of Mannar).
107. *Cheilosporum spectabile* Harvey. CMFRI – MA. 107. Mandapam, Pudumadam (Gulf of Mannar).
108. *Jania rubens* (Linnaeus) Lamouroux. CMFRI – MA. 108. Mandapam, Dhanushkodi (Gulf of Mannar).

## FAMILY GRATELOUPIACEAE

109. *Halymenia dilatata* Zanard. CMFRI – MA. 109. Mandapam, Pudumadam (Gulf of Mannar)
110. *H. floresia* (Clemente) C. Agardh. CMFRI – MA. 110. Mandapam, Pudumadam, Kilakarai (Gulf of Mannar).
111. *H. porphyroides* Boergesen. CMFRI – MA. 111. Akkamadam (Palk Bay); Pamban, Mandapam (Gulf of Mannar).
112. *Grateloupia filicina* (Wulfen) J. Agardh. CMFRI – MA. 112. Mandapam (Palk Bay); Pamban (Gulf of Mannar).
113. *G. lithophila* Boergesen. CMFRI – MA. 113. Pudumadam (Gulf of Mannar).
114. *Cryptonemia lomation* (Berthold) J. Agardh. CMFRI – MA. 114. Mandapam, Manauli Island (Gulf of Mannar).

## ORDER GIGARTINALES

## FAMILY GRACILARIACEAE

115. *Gracilaria arcuata* Zanard. CMFRI – MA. 115. Mandapam (Palk Bay).
116. *G. corticata* J. Agardh. CMFRI – MA. 116. Mandapam, Pudumadam (Gulf of Manaar).
117. *G. crassa* (Harvey) J. Agardh. CMFRI – MA. 117. Mandapam, Rameswaram (Palk Bay); Shingle Island, Pullivasal Island (Gulf of Manar).

118. *G. fergusonii* J. Agardh. CMFRI – MA. 118, Shingle Island, Kilakarai (Gulf of Mannar).
119. *G. folifera* (Forsk.) Boergesen. CMFRI – MA. 119. Shingle Island, Krusadai Island, Pulli Island, Manauli Island (Gulf of Mannar), Rameswaram (Palk Bay).
120. *G. lichenoides* (Linnaeus) Harvey. CMFRI – MA. 120. Rameswaram, Pamban, Mandapam (Palk Bay); Shingle Island, Krusadai Island, Pulli Island, Manauli Island (Gulf of Mannar).
121. *G. textorii* (Suringar) J. Agardh. CMFRI – MA. 121. Mandapam, Vedalai (Gulf of Mannar).
122. *Gracilariopsis sjoestedtii* (Kylin) Dawson. CMFRI – MA. 122. Mandapam, Pamban, (Gulf of Mannar).
123. *Ceratodictyon spongiosum* Zanard. CMFRI – MA. 123. Pamban (Palk Bay).

#### FAMILY SOLIERIACEAE

124. *Sarconema furcellatum* Zanard. CMFRI – MA. 124. Mandapam, Rameswaram (Palk Bay).
125. *Solieria robusta* (Greville) Kylin. CMFRI – MA. 125. Mandapam, Vedalai, Pudumadam, Kilakarai (Gulf of Mannar).

#### FAMILY HYPNEACEAE

126. *Hypnea pannosa* J. Agardh. CMFRI – MA. 126. Mandapam (Palk Bay); Kilakarai (Gulf of Mannar).
127. *H. spinella* (C. Agardh) Kuetzing. CMFRI – MA. 127. Shingle Island (Gulf of Mannar).
128. *H. valentiae* (Turner) Montagne. CMFRI – MA. 128. Mandapam, Rameswaram (Palk Bay); Pamban, Manauli Island (Gulf of Mannar).

#### FAMILY PHYLLOPHORACEAE

129. *Gymnogongrus pygmaeus* (Greville) J. Agardh. CMFRI – MA. 129. Pudumadam (Gulf of Mannar).

#### FAMILY GIGARTINACEAE

130. *Gigartina acicularis* (Wulfen) Lamouroux. CMFRI – MA. 130. Mandapam, Pudumadam (Gulf of Mannar).

ORDER RHODYMENIALES  
FAMILY RHODYMENIACEAE

131. *Coelarthrum opuntia* (J. Agardh) Boergesen. CMFRI – MA. 131. Pamban (Gulf of Mannar).  
132. *Botryocladia leptopoda* (J. Agardh) Kylin. CMFRI – MA. 132. Pamban, Pudumadam,  
Kilakarai (Gulf of Mannar).

FAMILY CHAMPIACEAE

133. *Champia compressa* Harvey. CMFRI – MA. 133. Pamban, Kilkarai (Gulf of Mannar).  
134. *C. globulifera* Boergesen. CMFRI – MA. 134. Mandapam, Pamban (Gulf of Mannar and  
Palk Bay).  
135. *C. parvula* (C. Agardh) Harvey. CMFRI – MA. 135. Pamban (Palk Bay); Manauli Island,  
Hare Island (Gulf of Mannar).

ORDER CERAMIALES  
FAMILY CERAMIACEAE

136. *Crouania attenuata* (Bonnemaison) J. Agardh. CMFRI – MA. 136. Pamban (Gulf of Mannar).  
137. *Antithamnion butleriae* Collins. CMFRI – MA. 137. Pamban (Gulf of Mannar).  
138. *A. mcnabbii* Dawson. CMFRI – MA. 138. Mandapam (Gulf of Mannar).  
139. *Wrangelia argus* Montagne. CMFRI – MA. 139. Mandapam, Pamban (Palk Bay); Krusadai  
Island (Gulf of Mannar).  
140. *Haloplegma duperreyi* Montagne. CMFRI – MA. 140. Pamban (Gulf of Mannar).  
141. *Griffithsia tenuis* C. Agardh. CMFRI – MA. 141. Mandapam (Palk Bay and Gulf of Mannar).  
142. *Ceramium cruciatum* Collins and Hervey. CMFRI – MA. 142. Pudumadam (Gulf of  
Mannar).  
143. *C. gracillimum* v. *byssoideum* (Harvey) Mazoyer. CMFRI – MA. 143. Mandapam,  
Pudumadam (Gulf of Mannar).  
144. *C. fimbriatum* Setchell and Gardner. CMFRI – MA. 144. Mandapam, Pudumadam (Gulf of  
Mannar).  
145. *C. tenerrimum* (Martens) Okamura. CMFRI – MA. 145. Mandapam (Palk Bay); Shingle Island  
(Gulf of Mannar).



146. *Centroceras clavulatum* (C. Agardh) Montague. CMFRI – MA. 146. Mandapam, Pamban, Rameswaram (Palk Bay); Mandapam, Pudumadam, Kilakarai (Gulf of Mannar).
147. *Spyridia filamentosa* (Wulfen) Harvey. CMFRI – MA. 147. Mandapam (Palk Bay); Pamban (Gulf Mannar).
148. *S. fusiformis* Boergesen. CMFRI – MA. 148. Mandapam (Palk Bay).
149. *Euptilota articulata* (J. Agardh) Schmitz. CMFRI – MA. 149. Pamban (Gulf of Mannar).

#### FAMILY DELESSERIACEAE

150. *Taenioma perpusillum* J. Agardh. CMFRI – MA. 150. Mandapam, Manauli Island (Gulf of Mannar).
151. *Vanvoorstia spectabilis* Harvey. CMFRI – MA. 151. Krusadai Island, Hare Island (Gulf of Mannar).
152. *Nitophyllum marginale* Harvey. CMFRI – MA. 152. Krussadai Island, Shingle Island (Gulf of Mannar).
153. *Martensia fragilis* Harvey. CMFRI – MA. 153. Mandapam (Palk Bay); Krusadai Island (Gulf of Mannar).

#### FAMILY DASYACEAE

154. *Dasya caraibica* Boergesen. CMFRI – MA. 154. Thonithorai (Palk Bay).
155. *D. iyengarii* Boergesen. CMFRI – MA. 155. Pamban (Palk Bay).
156. *D. pedicellata* C. Agardh. CMFRI – MA. 156. Pudumadam (Gulf of Mannar).
157. *Heterosiphonia muelleri* (Sonder) De Toni. CMFRI – MA. 157. Pamban (Gulf of Mannar).
158. *H. wurdmanni* v. *laxa* Boergesen. CMFRI – MA. 158. Mandapam (Palk Bay).
159. *Dictyurus purpurascens* Bory. CMFRI – MA. 159. Pamban (Gulf of Mannar).

#### FAMILY RHODOMELACEAE

160. *Falkenbergia hillerbrandii* (Bornet) Falkenberg. CMFRI – MA. 160. Mandapam, Pudumadam (Gulf of Mannar).
161. *Polysiphonia platycarpa* Boergesen. CMFRI – MA. 161. Mandapam, Pudumadam (Gulf of Mannar).
162. *P. unguiformis* Boergesen. CMFRI – MA. 162. Krusadai Island, Shingle Island (Gulf of Mannar).

163. *Roschera glomerulata* Weber-Van Bosse. CMFRI – MA. 163. Mandapam , Rameswaram (Palk Bay).
164. *Lophocladia lallemandi* (Montagne) Schmitz. CMFRI – MA. 164. Manauli Island (Gulf of Mannar).
165. *Herposiphonia insidiosa* (Greville) Falkenberg. CMFRI – MA. 165. Pudumadam (Gulf of Mannar).
166. *H. secunda* (C. Agardh) Ambronn. CMFRI – MA. 166. Pudumadam, Mandapam (Gulf of Mannar).
167. *H. tenella* (C. Agardh) Ambronn. CMFRI – MA. 167. Mandapam (Gulf of Mannar).
168. *Levillea jungermannioides* Harvey. CMFRI – MA. 168. Pamban, Rameswaram (Palk Bay).
169. *Neurymenia fraxinifolia* (Mert.) J. Agardh. CMFRI – MA. 169. Pamban (Gulf of Mannar).
170. *Chondria armata* v. *plumaris* Boergesen. CMFRI – MA. 170. Mandapam, Pudumadam (Gulf of Mannar).
171. *C. cornuta* Boergesen. CMFRI – MA. 171. Vedalai, Mandapam (Gulf of Mannar).
172. *C. dasyphylla* (Wood ward) C. Agardh. CMFRI – MA. 172. Rameswaram (Palk Bay).
173. *Acanthophora muscoides* (Linnaeus) Borry. CMFRI – MA. 173. Pamban (Palk Bay).
174. *A. spicifera* (Vahl) Boergesen. CMFRI – MA. 174. Mandapam (Gulf of Mannar and Palk Bay).
175. *Laurencia ceylanica* J. Agardh. CMFRI – MA. 175. Shingle Island, Krusadai Island (Gulf of Mannar).
176. *L. gracilis* Hooker and Harvey. CMFRI – MA. 176. Pamban (Palk Bay).
177. *L. obtusa* (Hudson) Lamououx. CMFRI – MA. 177. Mandapam (Palk Bay).
178. *L. papillosa* (Forsk.) Greville. CMFRI – MA. 178. Mandapam (Palk Bay); Shingle Island, Krusadai Island, Pulli Island (Gulf of Mannar).
179. *L. poitei* (Lamouroux) Howe. CMFRI – MA. 179. Pudumadam (Gulf of Mannar).

CLASS CYANOPHCEAE – BLUE –GREEN ALGAE

ORDER STIGONEMATALES

FAMILY MASTIGOCLADACEAE

180. *Brachytrichia quoyi* (Agardh). Bornet and Flahault. CMFRI – MA. 180. Mandapam (Gulf of Mannar).

