

Working List of California Marine Isopods*

R. C. Brusca and R. Wetzer

SUBORDER ANTHURIDEA Leach, 1814

Family Antheluridae Poore and Lew Ton, 1988

Bathura Schultz, 1966 [synonymized with Anthelura by Kensley 1978, but disputed by Negoescu and Wägele 1984 and Poore and Lew Ton 1988]

1. Bathura luna Schultz, 1966

Family Anthuridae Leach, 1814

Apanthura Stebbing, 1900

2. Apanthura californiensis Schultz, 1964

Cyathura Norman and Stebbing, 1886

3. Cyathura munda Menzies, 1951

Haliophasma Haswell, 1881

4. Haliophasma geminata Menzies and Barnard, 1959

Mesanthura Barnard, 1914

5. Mesanthura occidentalis Menzies and Barnard, 1959

Family Paranthuridae Menzies and Glynn, 1968

Califanthura Schultz, 1977

6. Califanthura squamosissima (Menzies, 1951)

Colanthura Richardson, 1902

7. Colanthura bruscai Poore, 1984

8. Colanthura tenuis (Harger, 1878)

Paranthura Bate and Westwood, 1866

= Edanthura Boone, 1923

9. Paranthura elegans Menzies, 1951

10. Paranthura linearis (Boone, 1923) [nomen nudum]

SUBORDER ASELOTOTA Latreille, 1803

Family Dendroitiidae Vanhöffen, 1914

Acanthomunna Beddard, 1886

11. Acanthomunna tannerensis Schultz, 1966

* (commonly seen synonyms are indicated)

Family Desmosomatidae G. O. Sars, 1897

Momedossa Hessler, 1970

12. Momedossa symmetrica (Schultz, 1966)

Family Haplomunnidae Wilson, 1976

Haplomunna Richardson, 1908

13. Haplomunna caeca (Richardson, 1905)
14. Haplomunna hubbsi Wilson, 1976

Family Janiridae G. O. Sars, 1897

Janiropsis G. O. Sars, 1897

15. Janiropsis analoga Menzies, 1952
= Janira maculosa Leach in Hatch, 1947 and Carvacho, 1981
16. Janiropsis epilittoralis Menzies, 1952
17. Janiropsis kincaidi derjugini Gurjanova, 1933
18. Janiropsis kincaidi kincaidi Richardson, 1904
19. Janiropsis magnocula Menzies, 1952
20. Janiropsis minuta Menzies, 1952
21. Janiropsis montereyensis Menzies, 1952
22. Janiropsis tridens Menzies, 1952

Caecianiropsis Menzies and Pettit, 1956

23. Caecianiropsis psammophila Menzies and Pettit, 1956

Caecijaera Menzies, 1951

24. Caecijaera horvathi Menzies, 1951

Iais Bovallius, 1886

25. Iais californica (Richardson, 1904)

Janiralata Menzies, 1951

26. Janiralata davisii Menzies, 1951
27. Janiralata occidentalis (Walker, 1898)
28. Janiralata rajata Menzies, 1951
29. Janiralata solasteri (Hatch, 1947)
30. Janiralata triangulata (Richardson, 1899)

Family Joeropsididae Nordenstam, 1933

Joeropsis Koehler, 1885

31. Joeropsis concava Schultz, 1966
32. Joeropsis dubia dubia Menzies, 1951
33. Joeropsis dubia paucispina Menzies, 1951
34. Joeropsis cf. J. lata Kussakin, 1961

35. Joeropsis lobata Richardson, 1899

36. Joeropsis setosa George and Strömberg, 1968

Family Munnidae G. O. Sars, 1897

Munna Krøyer, 1839

37. Munna chromatocephala Menzies, 1952

38. Munna halei Menzies, 1952

39. Munna magnifica Schultz, 1964

40. Munna spinifrons Menzies and Barnard, 1959

41. Munna stephenseni Gurjanova, 1933

Uromunna Menzies, 1952

42. Uromunna ubiquita (Menzies, 1952)

= Munna minuta Hansen

Family Munnopsidae M. Sars, 1869 sensu lato Wilson, 1989

Betamorpha Hessler and Thistle, 1975

43. Betamorpha megista Thistle and Hessler, 1977

Eurycope G. O. Sars, 1863

44. Eurycope californiensis Schultz, 1966

Ilyarachna G. O. Sars, 1864 (= Ilyarachnidae sensu Wolff, 1962)

45. Ilyarachna acarina Menzies and Barnard, 1959

46. Ilyarachna profunda Schultz, 1966

Munnopsurus Richardson, 1912

47. Munnopsurus giganteus ochotensis Gurjanova, 1933

Storhyngura Vanhöffen, 1914

48. Storhyngura pulchra (Hansen, 1897)

Family Nannoniscidae Hansen, 1916

Nannonisconus Schultz, 1966

49. Nannonisconus latipleonus Schultz, 1966

Family Paramunnidae Vanhöffen, 1914

Munnogonium George and Strömberg, 1968

50. Munnogonium erratum (Schultz, 1964)

51. Munnogonium tillerae (Menzies and Barnard, 1959)

= Munnogonium waldronensis George and Strömberg, 1968

Pleurogonium G. O. Sars, 1863

52. Pleurogonium californiense Menzies, 1951

53. Pleurogonium rubicundum (G. O. Sars, 1863)

Paramunna G. O. Sars, 1866

54. Paramunna quadratifrons Iverson and Wilson, 1981
 Family Santiidae Kussakin, 1982
Santia Sivertsen and Holthius, 1980
 55. Santia hirsuta (Menzies, 1951)

SUBORDER EPICARIDEA Latreille, 1831

Family Bopyridae Rafinesque, 1815

Aporobopyrus Nobili, 1906

56. Aporobopyrus muguensis Shiino, 1964
 57. Aporobopyrus oviformis Shiino, 1934

Argeia Dana, 1853

58. Argeia pugettensis Dana, 1853
 = Argeia pauperata Stimpson, 1857
 = Argeia depauperata Richardson, 1899
 = Argeia calmani Bonnier, 1900
 = Argeia pingi Yu, 1935

Asymmetrione Codreanu, Codreanu and Pike, 1965

59. Asymmetrione ambodistorta Markham, 1985

Bopyrella Bonnier, 1900

60. Bopyrella calmani (Richardson, 1905)
 = Bopyrella macginitiei Shiino, 1964

Bopyrina Kossmann, 1881

61. Bopyrina striata Nierstrasz and Brender à Brandis, 1929

Hemiarthrus Giard and Bonnier, 1887

62. Hemiarthrus abdominalis (Krøyer, 1840)

Ione Latreille,

63. Ione cornuta Bate, 1865
 = Ione brevicauda Bonnier, 1900

Munidion Hansen, 1897

64. Munidion pleuroncodis Markham, 1975

Phyllodurus Stimpson, 1857

65. Phyllodurus abdominalis Stimpson, 1857

Pseudione Kossmann, 1881

66. Pseudione galacanthae Hansen, 1897

Stegophryxus Thompson, 1902

67. Stegophryxus hyphalus Markham, 1974

7/11/91

Probopyrus sp. A.

on the alpheid Automate sp. A

30m off Palos Verdes

Family Dajidae G. O. Sars, 1899

Holophryxus Richardson, 1905

- 68. Holophryxus alaskensis Richardson, 1905
- = Holophryxus californiensis Richardson, 1908
- = Hypodajus georgiensis Nierstrasz and Brender à Brandis, 1931

Family Entoniscidae F. Müller, 1871

Portunion Giard and Bonnier, 1886

- 69. Portunion conformis Muscatine, 1956

Family Liropsidae Bonnier, 1890

Cabirops Kossmann, 1882

- 70. Cabirops montereyensis Sassaman, 1985

Cryptothir Dana, 1853

- 71. Cryptothir balani (Bate, 1860)

Faba Nierstrasz and Brender à Brandis, 1931

- 72. Faba setosa Nierstrasz and Brender à Brandis, 1931

SUBORDER FLABELLIFERA G.O. Sars, 1882

Family Aegidae Dana, 1853

Aega Leach, 1815

- 73. Aega lecontii (Dana, 1853)
- 74. Aega microphthalma Dana, 1853 [species inquirenda; see Brusca 1983]
- 75. Aega plebia Hansen, 1897
- = A. magnoculis, Richardson, 1909
- 76. Aega symmetrica Richardson, 1905

Rocinela Leach, 1818

- 77. Rocinela angustata Richardson, 1904
- 78. Rocinela belliceps (Stimpson, 1864)

Family Anuropidae Stebbing, 1893

Anuropus Beddard, 1886

- 79. Anuropus bathypelagicus Menzies and Dow, 1958

Family Cirolanidae Dana, 1853

Cirolana Leach, 1818

- 80. Cirolana diminuta Menzies, 1962
- 81. Cirolana harfordi (Lockington, 1877)

Eurydice Leach, 1815

- = Branchuropus Moore, 1901

- = Helleria Czerniavsky, 1868 (not Helleria Ebner, 1868)
- = Pelagonice Soika, 1955
- = Slabberina Beneden, 1861

- 82. Eurydice caudata Richardson, 1899
 - = E. branchuopus Menzies and Barnard, 1959

Eurylana Jansen, 1981

- 83. Eurylana arcuata (Hale, 1925)
 - = Cirolana robusta Menzies, 1962
 - = Cirolana concinna Hale, 1925, in Menzies 1962 (misidentification)

Exciorolana Richardson, 1912

- 84. Exciorolana chiltoni (Richardson, 1905)
 - = E. kincaidi (Hatch, 1947)
 - = E. vancouverensis (Fee, 1926)
 - = E. japonica Richardson, 1912
- 85. Exciorolana linguifrons (Richardson, 1899)

Metacirolana Nierstrasz, 1931

- 86. Metacirolana joanneae (Schultz, 1966)

Natatolana Bruce, 1981

- 87. Natatolana californiensis (Schultz, 1966)
 - = Cirolana deminuta Menzies and George, 1972

Family Corallanidae Hansen, 1890

Excorallana Stebbing, 1904

- 88. Excorallana truncata (Richardson, 1899)
 - = E. kathyae Menzies, 1962

Family Cymothoidae Leach, 1818

Ceratothoa Dana, 1853

- 89. Ceratothoa gaudichaudii (H. Milne Edwards, 1840)
- 90. Ceratothoa gilberti Richardson, 1904

Livoneca Leach, 1818

- 91. Livoneca californica Schioedte and Meinert, 1883
- 92. Livoneca convexa Richardson, 1905
- 93. Livoneca menziesi Brusca, 1981
- 94. Livoneca vulgaris Stimpson, 1857

Mothocya Costa in Hope, 1851

- 95. Mothocya rosea Bruce, 1986

Nerocila Leach, 1818

96. Nerocila acuminata Schioedte and Meinert, 1881
 = N. californica Schioedte and Meinert, 1881
 = Pterisopodus bartschi Boone, 1918

Family Limnoriidae White, 1850

Limnoria Leach, 1814

97. Limnoria algarum Menzies, 1957
 98. Limnoria lignorum (Rathke, 1799)
 99. Limnoria quadripunctata Holthuis, 1949
 100. Limnoria tripunctata Menzies, 1951

Family Serolidae Dana, 1853

Serolis Leach, 1818

101. Serolis carinata Lockington, 1877

Family Sphaeromatidae Burmeister, 1834

Subfamily Ancininae (Tattersall, 1905)

Ancinus H. Milne Edwards, 1840

102. Ancinus granulatus Holmes and Gay, 1909
 = A. seticomvus Trask, 1970
 103. Bathycopea daltonae (Menzies and Barnard, 1959)

*moved to family level
by Bruce (1983)*

Subfamily Cassidiniinae Iverson, 1982

Gnorimosphaeroma Menzies, 1954

104. Gnorimosphaeroma insulare (Van Name, 1940)
 = G. oregonensis lutea Menzies, 1954
 = G. lutea Menzies, 1954 (of Hoestlandt, 1968)
 105. Gnorimosphaeroma noblei Menzies, 1954
 106. Gnorimosphaeroma oregonense (Dana, 1853)
 107. Gnorimosphaeroma rayi Hoestlandt, 1969

Subfamily Dynameninae Bowman, 1981

Discerceis Richardson, 1905

108. Discerceis granulosa (Richardson, 1899)

Dynamenella Hansen, 1905

109. Dynamenella benedicti (Richardson, 1899)
 110. Dynamenella conica Boone, 1923
 111. Dynamenella diana (Menzies, 1962)
 112. Dynamenella dilatata (Richardson, 1899)
 113. Dynamenella glabra (Richardson, 1899)
 114. Dynamenella sheareri (Hatch, 1947)

Paracerceis Hansen, 1905

= Sergiella Pires, 1980

115. Paracerceis cordata (Richardson, 1899)

116. Paracerceis gilliana (Richardson, 1899)

117. Paracerceis sculpta (Holmes, 1904)

Subfamily Sphaeromatinae H. Milne Edwards, 1840

Clianella Boone, 1923

118. Clianella elegans Boone, 1923

Cymodoce Leach, 1815

119. Cymodoce japonica Richardson, 1906

Dynoides Barnard, 1914

= Dynoidella (of Nishimura, 1976; not of Pillai, 1965)

= Paradynoides Loyola e Silva, 1960

120. Dynoides dentisinus Shen, 1929

Exosphaeroma Stebbing, 1900

121. Exosphaeroma amplicauda (Stimpson, 1857)

122. Exosphaeroma aphrodita Boone, 1923

123. Exosphaeroma crenulatum Richardson, 1902

124. Exosphaeroma inornata Dow, 1958

= E. media George and Strömberg, 1968

125. Exosphaeroma octoncum (Richardson, 1897)

126. Exosphaeroma rhomburum (Richardson, 1899)

Sphaeroma Bosc, 1802

127. Sphaeroma quoyanum H. Milne Edwards, 1840

= S. pentodon Richardson, 1904

128. Sphaeroma walkeri Stebbing, 1905

Subfamily Tecticipitinae Iverson, 1982

Tecticeps Richardson, 1897

129. Tecticeps convexus Richardson, 1899

Family Tridentellidae, Bruce 1984

Tridentella Richardson, 1905

= Smicrostoma Hale, 1925

130. Tridentella glutacantha Delaney and Brusca, 1985

131. Tridentella quinicornis Delaney and Brusca, 1985

SUBORDER GNATHIIDEA Leach, 1814

Family Gnathiidae Harger, 1880

Gnathia Leach, 1814

= Heterognathia Amar and Roman, 1973

- 132. Gnathia clementensis Schultz, 1966
- 133. Gnathia coronadoensis Schultz, 1966
- 134. Gnathia crenulatifrons Monod, 1926
- 135. Gnathia productatridens Menzies and Barnard, 1959
- 136. Gnathia sanctaecrucis Schultz, 1972
= G. hirsuta Schultz, 1966
- 137. Gnathia steveni Menzies, 1962
- 138. Gnathia tridens Menzies and Barnard, 1959
- 139. Gnathia trilobata Schultz, 1966

SUBORDER MICROCERBERIDEA Lang, 1961

Family Microcerberidae Karaman, 1933

Microcerberus Karaman, 1933

- 140. Microcerberus abbotti Lang, 1961

SUBORDER VALVIFERA G.O. Sars, 1882

Family Arcturidae Bate and Westwood, 1868

Idarcturus Barnard, 1914

- 141. Idarcturus hedgepethi Menzies, 1951
- 142. Idarcturus allelomorphus Menzies and Barnard, 1959

Microarcturus Nordenstam, 1933

- 143. Microarcturus tannerensis Schultz, 1966

Neastacilla Tattersall, 1921

- 144. Neastacilla californica (Boone, 1918)

Family Chaetiliidae Dana, 1853

Saduria Adams in White, 1852

= Mesidotea Richardson, 1905

- 145. Saduria entomon (Linnaeus, 1767)

Family Idoteidae Samouelle, 1819

Colidotea Richardson, 1899

- 146. Colidotea rostrata (Benedict, 1898)
- 147. Colidotea wallersteini Brusca, 1983

Edotia Guerin-Meneville, 1843

148. Edotia sublittoralis Menzies and Barnard, 1959
Erichsonella Benedict in Richardson, 1900
149. Erichsonella crenulata Menzies, 1950
Eusymmerus Richardson, 1899
= Ronalea Boone, 1923
150. Eusymmerus pseudoculata (Boone, 1923)
Idotea Fabricus, 1798
151. Idotea aculeata Stafford, 1913
152. Idotea fewkesi Richardson, 1905
153. Idotea kirchanskii Miller and Lee, 1970
154. Idotea metallica Bosc, 1802
155. Idotea montereyensis Maloney, 1933
= Idotea gracillima (Dana) of Richardson, 1905 and Schultz, 1969
156. Idotea ochotensis Brandt, 1851
157. Idotea resecata Stimpson, 1857
158. Idotea rufescens Fee, 1926
159. Idotea schmitti Menzies, 1950
= Pentidotea whitei Stimpson of Richardson, 1905
160. Idotea stenops Benedict, 1898
161. Idotea urotoma Stimpson, 1864
= Cleantis heathi Richardson, 1899
= Idotea rectilinea Lockington
162. Idotea wosnesenskii Brandt, 1851
= Idotea hirtipes Dana, 1853
= Idotea oregonensis Dana, 1853
- Synidotea Harger, 1878
163. Synidotea berolzheimeri Menzies and Miller, 1972
164. Synidotea bicuspidata (Owen, 1839)
165. Synidotea calcarea Schultz, 1966
166. Synidotea harfordi Benedict, 1897
167. Synidotea laticauda Benedict, 1897 = *S. laticaudata* Chapman & Carlson 91799 JCS
= Synidotea consolidata Stimpson, 1856, of Richardson 1905, Menzies and Miller 1954, and Schultz 1969
168. Synidotea magnifica Menzies and Barnard, 1959
169. Synidotea media Iverson, 1972
170. Synidotea muricata (Harford, 1877)

171. Synidotea pettiboneae Hatch, 1947

172. Synidotea ritteri Richardson, 1904

Synisoma Collinge, 1917

173. Synisoma wetzeræ Ormsby, (in press)

