

SIPHONOPHORES

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There are 158 valid species of Siphonophora in the world oceans of which, 116 species are reported from Indian Ocean (Daniel, 1985). Although the study of the siphonophores of the Indian Ocean by Totton (1954) has received considerable attention and not much is known on the siphonophores of the Chennai Coast. The siphonophores are most abundant in the Chennai coast and constitute an important fauna in the marine plankton. The siphonophores from the Chennai coast have been studied by several workers-Sundara Raj (1927); Leloup (1934), Daniel and Daniel (1963) and Daniel (1985) on siphonophores from inshore and offshore plankton collections of Chennai coast. The present compilation list is mainly based on the publications by Daniel and Daniel (1963) and Daniel (1985) on siphonophores from inshore and offshore plankton collections of Chennai coast. The list of species included in the present account consists of plankton samples collected at the surface with a tow-net during 1952-54 and 1956-60. Offshore collections were made at depths ranging from 10-70m with Nansen's net. The list of siphonophores of Chennai is compiled from Daniel (1985) by K. Venkataraman, Marine Biological Station, Zoological survey of India, Chennai.

LIST OF SPECIES FROM CHENNAI COAST

HYDROZOA

Order SIPHONOPHORA Eschscholtz, 1829

Suborder CRYSTONECTAE Haeckel, 1888

Family PHYSALIDAE Brandt, 1835

Genus *Physalia* (Linnaeus, 1758)

1. *Physalia physalis* (Linnaeus, 1758)

Family RHIZOPHYSIDAE Brandt, 1835

Genus *Rhizophysidae* Brandt, 1835

2. *Rhizophysa eysenhardti* Gagenbaur, 1859

Suborder PHYSONECTAE Haeckel, 1888

Family APOLEMIIDAE Huxley, 1859

Genus *Agalma* Eschscholtz, 1825

3. *Agalma okeni* Eschscholtz, 1825

4. *Agalma elegans* (Sars, 1846)

Genus *Halistemma* Huxley, 1859

5. *Halistemma rubrum* (Vogt, 1852)

Genus *Nanomia* A.Agassiz, 1865

6. *Nanomia bijuga* (Delle chiaje, 1841)

Family FORSKALIIDAE Haeckel, 1888

Genus *Forskalia* Kolliker, 1853

7. *Forskalia leuckarti* Bedot, 1893.

Family DIPHYIDAE Quoy and Gaimard, 1827

Subfamily SULCULEOLARIINAE Totton, 1954

Genus *Sulculeolaria* Blainville, 1834

8. *Sulculeolaria chuni* (Lens and van Reimsdijk, 1908)

9. *Sulculeolaria quadrivalvis* de Blainville, 1834

10. *Sulculeolaria turgida* (Gagenbaur, 1853)

11. *Sulculeolaria monoica* (Chun, 1888)

Genus *Eudoxia* Eschscholtz, 1825

12. *Eudoxoides mitra* (Huxley, 1859)

Genus *Diphyes* Cuvier, 1817

13. *Diphyes dispar* Chamisso and Eysenhardt, 1921

14. *Diphyes bojani* (Eschscholtz, 1825)

15. *Diphyes chamissonis* Huxley, 1859

Genus *Lensia* Totton, 1932

16. *Lensia subtiloides* (Lens and Van Reimsdijk, 1908)
17. *Lensia cossack* Totton, 1941
18. *Lensia hotspur* Totton, 1941
19. *Lensia gnanamuthui* Daniel and Daniel, 1963
20. *Lensia tottoni* Daniel and Daniel, 1963.

Genus *Muggiaea* Busch, 1851

21. *Muggiaea contorta* (Lens and van Reimsdijk, 1908)

Genus *Chelophyes* Moser, 1925

22. *Chelophyes contorta* (Lens and van Reimsdijk, 1908)

Family ABYLIDAE L.Agassiz, 1862

Subfamily ABYLINAE L.Agassiz, 1862

Genus *Ceratocymba* Chun, 1888

23. *Ceratocymba leuckartii* (Huxley, 1859)

Subfamily ABYLOPSINAE Totton, 1954

Genus *Abylopsis* Chun, 1888

24. *Abylopsis tetragona* (Otto, 1823)
25. *Abylopsis eschscholtzi* (Huxley, 1859)

Genus *Bassia* L.Agassiz, 1862

26. *Bassia bassensis* (Quoy and Gaimard, 1834)

Genus *Enneagonum* Quoy and Gaimard, 1827

27. *Enneagonum hyalinum* Quoy and Gaimard, 1827

Suborder CHONDROPHORA (Chamisso and Eysenhardt, 1821)

Family PORPITIDAE Brandt, 1835

Genus *Porpira* Lamarck, 1801

28. *Porpita porpita* (Linnaeus, 1758)

Family VELELLIDAE Brandt, 1835

Genus *Vellella* Lamarck, 1801

29. *Vellella vellella* Linnaeus, 1758.

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