

Table 1 List of Demosponges collected at Gulf of Mannar (GoM), India from the year 2006-2009

S. No.	Order	Family	Name of the Demosponge*
1	Agelasida	Agelasidae	<i>Agelas mauritiana</i> (Carter, 1883)
2	Astrophorida	Ancorinidae	<i>Rhabdastrella globostellata</i> (Carter, 1883)
3	Dendroceratida	Darwinellidae	<i>Dendrilla nigra</i> (Dendy, 1889)
4	Dictyoceratida	Dysideidae	<i>Dysidea fragilis</i> (Montagu, 1818)
5			<i>Lamellodysidea herbacea</i> (Keller, 1889)
6		Irciniidae	<i>Ircinia fusca</i> (Carter, 1880)
7		Spongiidae	<i>Spongia officinalis</i> (Linnaeus, 1759)
8			<i>Hyattella cribriformis</i> (Hyatt, 1877)
9		Thorectidae	<i>Fasciospongia cavernosa</i> (Schmidt, 1862)
10			<i>Fasciospongia chondrodes</i> (de Laubenfels, 1954)
11			<i>Hyrtios erectus</i> (Keller, 1889)
12	Hadromerida	Clionaidae	<i>Spheciospongia vagabunda</i> (Ridley, 1884)
13			<i>Spheciospongia inconstans</i> (Dendy, 1887)
14	Haplosclerida	Callyspongiidae	<i>Callyspongia cellaria</i> (Rao, 1941)
15			<i>Callyspongia (Cladochalina) diffusa</i> (Ridley, 1884)
16			<i>Callyspongia (Cladochalina) fibrosa</i> (Ridley & Dendy, 1886)
17		Chalinidae	<i>Haliclona (Reniera) cribricutis</i> (Dendy, 1922)
18			<i>Haliclona (Gellius) fibulata</i> (Schmidt, 1862)
19			<i>Haliclona (Reniera) pigmentifera</i> (Dendy, 1905)
20			<i>Haliclona tenuiramosa</i> (Burton, 1930)
21			<i>Sigmadocia carnososa</i> (Dendy, 1889)
22			<i>Gelliodes pumila</i> (Lendenfeld, 1887)
23		Petrosiidae	<i>Neopetrosia similis</i> (Ridley & Dendy, 1886)
24			<i>Petrosia nigricans</i> (Lindgren, 1897)
25			<i>Xestospongia testudinaria</i> (Lamarck, 1815)
26	Halichondrida	Axinellidae	<i>Axinella donnani</i> (Bowerbank, 1873)
27			<i>Dragmacidon agariciforme</i> (Dendy, 1905)
28			<i>Phycopsis</i> (Carter, 1883)
29		Dictyonellidae	<i>Stylissa carteri</i> (Dendy, 1889)
30		Heteroxyidae	<i>Myrmekioderma granulatum</i> (Esper, 1794)
31	Poecilosclerida	Chondropsidae	<i>Psammoclema lamella</i> (Vacelet, Vasseur & L'Évi, 1976)
32		Iotrochotidae	<i>Iotrochota baculifera</i> (Ridley, 1884)
33		Microcionidae	<i>Clathria (Thalysias) reinwardti</i> (Vosmaer, 1880)
34			<i>Clathria (Thalysias) sp.</i> (Duchassaing & Michelotti, 1864)
35		Mycalidae	<i>Mycale (Mycale) grandis</i> (Gray, 1867)
36		Myxillidae	<i>Myxilla (Myxilla) arenaria</i> (Dendy, 1905)
37		Raspailiidae	<i>Echinodictyum clathratum</i> (Dendy, 1905)
38		Tedaniidae	<i>Tedania anhelans</i> (Lieberkuhn, 1859)
39	Spirophorida	Tetillidae	<i>Cinachyrella tarentina</i> (Pulitzer-Finali, 1983)
40	Verongida	Pseudoceratinidae	<i>Pseudoceratina purpurea</i> (Carter, 1880)

Note: \*According to the latest nomenclature of World Register of Marine Species (WoRMS) and World Porifera Database (WPD)