

TABLE I.—SYNOPSIS OF THE HEXACTINELLIDA HITHERTO KNOWN, WITH THEIR HABITATS, AS ASCERTAINED APART FROM THE CHALLENGER COLLECTION.

A. Clearly defined Forms.

Species.	Habitat.	Depth in Fathoms.	Authority.
1. <i>Euplectella aspergillum</i> , Owen,	1. Philippines, 2. Philippines (Bohol, Zebu), 3. Philippines, 4. Philippines (near Zebu), 5. Philippines (Zebu), 6. Philippines (Zebu),	Owen. Bowerbank. Semper. Gray. Moore. Chimmo and others.
2. <i>Euplectella suberea</i> , Wyv. Thomson,	1. North of Scotland, 2. Widely distributed in the N. Atlantic, Seychelles Islands,	... 450-1100 ...	Wyv. Thomson. Filhol. Owen.
3. <i>Euplectella cucumer</i> , Owen,	Gulf of Mexico, St. Lucia, Grenada,	416 and 423	O. Schmidt.
4. <i>Euplectella jovis</i> , O. Schmidt,	Japan,	...	Marshall.
5. <i>Euplectella oweni</i> , Herkl. and Marshall, <i>Euplectella oweni</i> , Herkl. and Marshall,	Japan (Sagami Bay),	100-200	Döderlein.
6. <i>Regadrella phanix</i> , O. Schmidt,	Gulf of Mexico, Barbados, Santa Cruz,	221, 248, and 288	O. Schmidt.
7. <i>Habdodictyum speciosum</i> , Quoy and Gaimard,	Moluccas, Mauritius,	...	Quoy and Gaimard. Valenciennes.
8. <i>Dictyocalyx gracilis</i> , F. E. Schulze,	Gulf of Mexico (Bequia),	1591	O. Schmidt.
9. <i>Rhabdodictyum delicatum</i> , O. Schmidt,	Gulf of Mexico (Bequia),	1591	O. Schmidt.
10. <i>Rhabdoplectella tintinnus</i> , O. Schmidt,	Gulf of Mexico (Grenada),	291, 994	O. Schmidt.
11. <i>Hertwigia falcifera</i> , O. Schmidt,	Gulf of Mexico (Dominica),	611	O. Schmidt.
12. <i>Asconema setubalense</i> , Sav. Kent,	1. Portugal (Cape St. Vincent), 2. North-west of Scotland, Florida,	... 327-430 98-123	Saville Kent, Filhol. John Murray. O. Schmidt.
13. <i>Sympagella nux</i> , O. Schmidt,	Cape Verde Islands (St. Iago),	...	O. Schmidt.
14. <i>Lanuginella pupa</i> , O. Schmidt,	Philippines (Zebu),	...	A. B. Meyer.
15. <i>Polylophus philippinensis</i> , Gray,	Antarctic Ocean, lat. 74° S., long. 175° W.,	...	J. Ross, Carter.
16. <i>Rossella antarctica</i> , Carter,	West of Strait of Gibraltar,	651	Wyv. Thomson.
17. <i>Rossella velata</i> , Wyv. Thomson,	Japan (Sagami Bay),	100-200	Döderlein.
18. <i>Acanthascus cactus</i> , F. E. S.,	Japan (Sagami Bay),	100-200	Döderlein.
19. <i>Rhabdocalyptus mollis</i> , F. E. S.,	1. Philippines (Zebu), 2. Japan (Sagami Bay),	... 100-200	Gray. Döderlein.
20. <i>Crateromorpha meyeri</i> , Gray,	Japan (Sagami Bay),	100-200	Gray.
21. <i>Hyalonema sieboldii</i> , Gray,	Japan (Sagami Bay),	100-200	Semper. Max Schultze, Hilgen- dorf, Döderlein, and others.
22. <i>Hyalonema kentii</i> , O. Schmidt,	West Indies { Grenada, Martinique, Guadeloupe, Bequia,	338, 576 565 583 1507	O. Schmidt.
23. <i>Hyalonema (Stylocalyx) thomsonii</i> , Marshall,	North of Shetland Islands,	550	W. Marshall.
24. <i>Hyalonema</i> sp., Wyv. Thomson,	North of Hebrides,	...	Wyv. Thomson.
25. <i>Hyalonema lusitanicum</i> , Bocage,	Portugal, Portugal,	Bocage. Saville Kent.
26. <i>Hyalonema cebuense</i> , Higgin,	Philippines (Zebu),	...	Higgin.
27. <i>Pheronema annæ</i> , Leidy,	West Indies (Santa Cruz),	...	Leidy.
28. <i>Pheronema grayi</i> , Sav. Kent,	Portugal (Setubal),	180, 248	O. Schmidt. Sav. Kent.
29. <i>Pheronema carpenteri</i> , Wyv. Thomson,	From Butt of Lewis (Hebrides) to Gibraltar,	{ 500-1000 } { (300-800) }	Wyv. Thomson.
30. <i>Pheronema hemisphaericum</i> , Gray,	1. Singapore, 2. Philippines (Zebu),	Gray. Marshall and Meyer.
31. <i>Semperella schultzei</i> , Semper,	1. Philippines, 2. Philippines (Zebu),	Semper. Marshall and Meyer.
32. <i>Farrea</i> sp. (<i>occa</i> , Bowerbank),	Seychelle Island,	...	Owen.
<i>Farrea</i> sp. (<i>occa</i> , Bowerbank),	Portugal,	...	Sav. Kent.
33. <i>Farrea occa</i> (Bowerbank), Carter,	Japan (Misaki).	...	Carter, Döderlein.
34. <i>Farrea sollasii</i> , F. E. S.,	Japan (Sagami Bay),	100-200	Döderlein.
35. <i>Farrea vosmaeri</i> , F. E. S.,	Japan (Sagami Bay),	100-200	Döderlein.
36. <i>Farrea</i> sp. (<i>woodwardi</i> , Sav. Kent),	Portugal,	...	Sav. Kent.
37. <i>Eurete</i> sp. (<i>simplicissima</i> , Semper),	Philippines,	...	Semper.
38. <i>Eurete</i> sp.,	Philippines (Zebu),	...	Marshall and Meyer.
39. <i>Eurete schmidtii</i> ,	Japan (Sagami Bay),	100-200	Döderlein.
40. <i>Eurete farreopsis</i> , Carter,	Philippines,	...	Carter.
41. <i>Eurete</i> sp.,	Japan (Sagami Bay),	100-200	Döderlein.