

*Leucetta hæckeliana*, n.sp. Several specimens (30 to 35 fathoms); obtained at no other locality. PORT JACKSON.

*Eilhardia schulzei*, n.g., n.sp. One or two specimens (30 to 35 fathoms); obtained also at Station 163A. Only species of the genus.

ALCYONARIA (Wright and Studer, Zool. pt. 64).

*Suberia genthi*, n.sp. (Shallow water); obtained at no other locality.

*Parisis australis*, n.sp. Two fragments (35 fathoms); obtained at no other locality.

*Mopsea dichotoma* (Linné). Three specimens (35 fathoms); obtained at no other locality by the Challenger. Recorded from Indian Ocean.

*Acanthoisis flabellum*, n.g., n.sp. (30 to 35 fathoms); obtained at no other locality. Only species of the genus.

*Primnoella australasiæ*, Gray. Several specimens (30 to 35 fathoms); obtained also at Station 163A.

PENNATULIDA (Kölliker, Zool. pt. 2).

*Sarcophyllum grande*, Gray. Three fragments (6 to 15 fathoms); obtained at no other locality by the Challenger.

*Cavernularia obesa*, Valenciennes. Two specimens (30 to 35 fathoms); obtained at no other locality by the Challenger.

*Clavella australasiæ*, Gray. Two specimens and fragments (30 to 35 fathoms); obtained at no other locality by the Challenger.

CORALS (Moseley, Zool. pt. 7).

*Balanophyllia bairdiana*, M.-Edwards and Haime. One specimen (30 to 35 fathoms); obtained also at Station 162.

HYDROIDA (Allman, Zool. pts. 20 and 70).

*Plumularia armata*, n.sp. One specimen (30 to 35 fathoms); obtained at no other locality.

*Halecium telescopicum*, n.sp. One specimen (30 to 35 fathoms); obtained at no other locality.

*Sertularia annulata*, n.sp. (35 fathoms); obtained at no other locality.

*Synthecium campylocarpum*, n.sp. One specimen (30 to 35 fathoms); obtained at no other locality.

„ *alternans*, n.sp. One specimen (30 to 35 fathoms); obtained at no other locality.

CRINOIDEA (Carpenter, Zool. pt. 60).

*Antedon macronema* (Müller). Several specimens (30 to 35 fathoms); obtained at no other locality by the Challenger. Recorded from Australia.