

STATION 162.

- Chalina* sp. (?). One specimen.
- Siphonochalina annulata*, n.sp. Two specimens; obtained at no other locality.
- Rhizochalina putridosa* (Lamarck ?). Three specimens; obtained also at Bahia and Port Jackson.
- Tedania commixta*, n.sp. One specimen; obtained at no other locality.
- Esperella arenicola*, n.sp. One specimen and fragments; obtained at no other locality.
- „ sp. (?). One specimen.
- Clathria elegantula*, n.sp. One specimen; obtained at no other locality.
- Plumohalichondria mammillata*, Carter. One specimen; obtained at no other locality by the Challenger. Recorded from Australia.
- Echinoclathria favus*, Carter. Six specimens (growing on *Pecten* shells); obtained at no other locality by the Challenger.
- „ *carteri*, n.sp. One or two specimens; obtained also at Station 163A and Port Jackson, 30 to 120 fathoms.
- „ *glabra*, n.sp. One specimen; obtained at no other locality.
- Spirastrella massa*, n.sp. Two large pieces; obtained at no other locality.

TETRACTINELLIDA (Sollas, Zool. pt. 63).

- Pilochrota lendenfeldi*, n.g., n.sp. One specimen; obtained at no other locality.
- Anthastra communis*, n.g., n.sp. Three specimens; obtained also at Station 163A and Port Jackson, 6 to 150 fathoms.
- Psammastra murrayi*, n.g., n.sp. One specimen; obtained at no other locality. Only species of the genus.
- Tethya ingalli*, Bowerbank. One specimen; obtained also at Port Jackson, 6 to 15 fathoms. Recorded from Australia and Seychelles.

CALCAREA (Poléjaeff, Zool. pt. 24).

- Sycon arboreum* (Haeckel). Four specimens; obtained at no other locality by the Challenger. Recorded from Australia.

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

- Melitodes rugosa*, n.sp. Obtained at no other locality.
- Mopsea encrinula* (Lamarck). Three specimens; obtained at no other locality by the Challenger. Recorded from Australia.

CORALS (Moseley, Zool. pt. 7).

- Flabellum transversale*, n.sp. One specimen; obtained at no other locality.
- Balanophyllia bairdiana*, M.-Edwards and Haime. Three specimens; obtained also at Port Jackson, 30 to 35 fathoms.