

CAPE YORK.

- Salicornaria gracilis*, Busk. (Station 186, 8 fathoms); obtained at no other locality by the Challenger. Recorded from Australia.
- Retepora hirsuta*, n.sp. (Station 186, 8 fathoms); obtained at no other locality. [Waters calls it *Retepora monilifera*, form *umbonata*, MacGillivray].
- „ *tubulata*, n.sp. (Station 186, 8 fathoms); obtained at no other locality.
- Lepralia celleporoides*, n.sp. (Station 186, 8 fathoms); obtained at no other locality. [Waters calls it *Lepralia mucronata* (Smitt)].
- „ *dorsiporosa*, n.sp. (Station 186, 8 fathoms); obtained at no other locality.
- Escharoides oclusa*, n.sp. (Station 186, 8 fathoms); obtained also at Station 148 and Philippines. [Waters calls it *Lepralia oclusa* (Busk)].
- Haswellia australiensis* (Haswell). (Station 186, 8 fathoms); obtained also at Station 190, 49 fathoms. [Waters calls it *Porina coronata*, var. *labrosa*, Reuss].
- Adeonella pectinata*, n.sp. (Station 186, 8 fathoms); obtained at no other locality.
- Cellepora discoidea*, n.sp. (Station 186, 8 fathoms); obtained at no other locality.
- „ *tridenticulata*, n.sp. (Station 186, 8 fathoms); obtained at no other locality.
- Cupularia guineensis*, Busk. One dead specimen (Station 186, 8 fathoms); obtained at no other locality by the Challenger. Recorded from New Guinea and Philippines.
- Crisia denticulata* (Lamarck). (Station 186, 8 fathoms); obtained also at St. Paul's Rocks and Tristan da Cunha.
- Idmonea eboracensis*, n.sp. One specimen (Station 186, 8 fathoms); obtained at no other locality.
- Amathia connexa*, n.sp. (Station 186, 8 fathoms); obtained at no other locality.

TUNICATA (Herdman, Zool. pts. 17 and 38).

- Cynthia formosa*, n.sp. One specimen (Torres Strait, 3 to 11 fathoms); obtained at no other locality.
- „ *arenosa*, n.sp. Several specimens (Station 186, 8 fathoms); obtained at no other locality.
- Colella pulchra*, n.g., n.sp. About a dozen specimens (Station 187, 6 fathoms); obtained at no other locality.
- Polyclinum depressum*, n.sp. One specimen (Torres Strait, 3 to 11 fathoms); obtained at no other locality.
- Psammaphidium ovatum*, n.g., n.sp. Two specimens (Torres Strait, 3 to 11 fathoms); obtained at no other locality.
- „ *pyriforme*, n.g., n.sp. Half a dozen specimens (Station 186, 8 fathoms); obtained at no other locality.