

- Lytocarpus spectabilis*, n.sp. (Station 186, 8 fathoms); obtained also at Philippines, 10 fathoms. CAPE YORK.
- Diplocyathus dichotomus*, n.g., n.sp. (Cape York, 8 to 12 fathoms); obtained at no other locality. Only species of the genus.
- Thyroscyphus simplex*, n.sp. (Cape York, 8 to 12 fathoms); obtained at no other locality.
- Lictorella halecioides*, Allman. (Cape York, 8 to 12 fathoms); obtained at no other locality by the Challenger. Recorded from Faroe Channel ("Porecupine").
- Thuiaria vineta*, n.sp. One specimen (Station 186, 8 fathoms); obtained at no other locality.
- Desmoscyphus obliquus*, n.sp. (Cape York, 8 to 12 fathoms); obtained also at Bahia.

## CRINOIDEA (Carpenter, Zool. pt. 60).

- Antedon multiradiata*, n.sp. Two specimens (Station 187, 6 fathoms); obtained at no other locality.
- „ *microdiscus*, Bell. One specimen (Station 186, 8 fathoms); obtained at no other locality by the Challenger. Recorded from Australia.
- „ *variipinna*, Carpenter. Two specimens (Station 186, 8 fathoms); obtained also at Arrou Islands. Recorded from Torres Strait, Dundas Strait, Arafura Sea, Borneo, and Canton.
- Actinometra pectinata* (Retzius). One specimen (Cape York, 8 to 12 fathoms); obtained also at Philippines. Recorded from Indian and Australian seas, and East Indies.
- „ *solaris* (Lamarck). Numerous specimens (Cape York and Station 187, 6 to 12 fathoms); obtained at no other locality by the Challenger. Recorded from Indian and Pacific Oceans.
- „ *paucicirra*, Bell. Many specimens (Cape York and Station 187, 6 to 12 fathoms); obtained also at Arrou Islands. Recorded from Australia.
- „ *maculata*, n.sp. Two specimens (Station 186, 8 fathoms); obtained at no other locality.
- „ *valida*, n.sp. One specimen (Station 186, 8 fathoms); obtained at no other locality.
- „ *multiradiata* (Linné). One specimen (Station 186, 8 fathoms); obtained at no other locality by the Challenger. Recorded from Indian and Pacific Oceans.
- „ *belli*, n.sp. Three specimens (Station 186, 8 fathoms); obtained at no other locality.