

PORT JACKSON.

Actinometra trichoptera (Valenciennes) (Müller). Several specimens (10 to 12 fathoms); obtained at no other locality. Recorded from Australia.

ASTEROIDEA (Sladen, Zool. pt. 51).

Astropecten polyacanthus, Müller and Troschel. (2 to 15 fathoms); obtained also at Admiralty Islands, Japan, and Hong Kong. Recorded from Indian and Pacific Oceans.

„ *pectinatus*, n.sp. (6 to 15 fathoms); obtained also at Stations 161 and 162.

Pentagonaster astrologorum (Müller and Troschel). (Sydney Harbour); obtained at no other locality by the Challenger. Recorded from Australia.

Anthenea acuta, Perrier. (6 to 15 fathoms); obtained at no other locality by the Challenger. Recorded from India.

Asterina exigua (Lamarck). (6 fathoms); obtained also at Station 212, 10 fathoms, and the Cape.

„ *gunnii*, Gray. (7 fathoms); obtained at no other locality by the Challenger. Recorded from Australia, Tasmania, and the Cape.

Asterias (*Stolasterias*) *calamaria*, Gray. (Depth not stated); obtained also at Station 162.

OPHIUROIDEA (Lyman, Zool. pt. 14).

Ophioglypha kinbergi, Ljungman. (2 to 10 fathoms); obtained also at Stations 161, 162, and 188.

„ *multispina*, Ljungman. (2 to 10 fathoms); obtained at no other locality by the Challenger.

Ophiomusium flabellum, n.sp. (30 to 35 fathoms); obtained at no other locality.

Ophiactis resiliens, n.sp. (30 to 35 fathoms); obtained at no other locality.

Amphiura constricta, n.sp. (2 to 10 fathoms); obtained at no other locality.

Ophiothrix cæspitosa, n.sp. (2 to 10 fathoms); obtained at no other locality.

ECHINOIDEA (Agassiz, Zool. pt. 9).

Strongylocentrotus eurythrogrammus (Val.). (6 to 35 fathoms); obtained at no other locality by the Challenger. Recorded from New Caledonia.

Holopneustes purpureescens (Lütken). (6 to 15 fathoms); obtained at no other locality by the Challenger.

Hipponoë variegata (Leske). (6 to 15 fathoms); obtained also at Fiji and Philippines.