

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

STATION 162.

*Heteroplou plumu*, n.g., n.sp. One specimen ; obtained at no other locality. Only species of the genus.

*Diplocheilus mirabilis*, n.g., n.sp. One fragmentary specimen ; obtained at no other locality. Only species of the genus.

*Calamphora parvula*, n.g., n.sp. Numerous specimens ; obtained at no other locality. Only species of the genus.

*Desmoscyphus pectinatus*, n.sp. Obtained also at Bahia.

*Dictyocladium dichotomum*, n.g., n.sp. Numerous specimens ; obtained at no other locality. Only species of the genus.

## ASTEROIDEA (Sladen, Zool. pt. 51).

*Astropecten pectinatus*, n.sp. Obtained also at Station 161 and Port Jackson.

*Nectria ocellifera* (Lamarek), Gray. Several specimens ; obtained at no other locality by the Challenger. Recorded from Australia.

*Stichaster polyplax* (Müller and Troschel). Obtained at no other locality by the Challenger. Recorded from Australia.

*Asterias (Stolasterias) calamaria*, Gray. Obtained also at Port Jackson. Recorded from Australia, New Zealand, and Mauritius.

## OPHIUROIDEA (Lyman, Zool. pt. 14).

*Pectinura arenosa*, n.sp. Obtained at no other locality.

*Ophioglyphu kinbergi*, Ljungman. Obtained also at Stations 161, 188, and Port Jackson.

*Ophiocnida pilosa*, n.sp. Obtained also at Station 212, 10 to 20 fathoms.

*Ophionereis schayeri* (Müller and Troschel). Obtained at no other locality by the Challenger.

*Ophiomyxa australis*, Lütken. For distribution see Station 109.

## ECHINOIDEA (Agassiz, Zool. pt. 9).

*Goniocidaris tubaria* (Lamarek). Obtained also at Station 161.

*Sphærechinus australiae*, Agassiz. Obtained at no other locality by the Challenger.

*Microcyphus zigzag*, Agassiz. Obtained also at Station 161.

*Amblypneustes formosus*, Val. Obtained at no other locality by the Challenger.

*Peronella peroni* (Agassiz). Obtained also at Port Jackson, 30 to 35 fathoms.

## NEMERTEA (Hubrecht, Zool. pt. 54).

*Drepanophorus serraticollis*, Hubrecht. Two fragments ; obtained also at Station 149.