

STATION 300.

At 4.20 A.M. observed the island of Juan Fernandez in the west. At 4.30 A.M. shortened and furled sails, and got up steam. At 5.15 A.M. put trawl over and veered 2700 fathoms. At 6.30 A.M. brought ship to wind and sounded in 1375 fathoms. Obtained serial temperatures down to bottom. The carbonic acid was determined in water from 50 fathoms and the bottom, and amounted respectively to 50.4 and 49.3 milligrammes per litre. At 1 P.M. commenced heaving in trawl, which came up at 4.25 P.M. with numerous specimens and a considerable quantity of ooze, in which were several small basaltic pebbles with a slight coating of manganese, and flat pieces of hardened tufa of a red colour with a thick coating of manganese. At 4.30 P.M. proceeded under steam and sail. Juan Fernandez in sight the whole afternoon. *Diomedea exulans*, *Diomedea melanophrys* (?), *Procellaria maxima*, mutton birds, petrels, *Prion turtur*, and *Thalassidroma* were seen.

Juan Fernandez (East Pt.) distant at noon, 23 miles. Made good 74 miles. Amount of current 16 miles, direction N. 45° W.

ANIMALS FROM
TRAWL.

The following species are recorded in the Zoological Reports from the trawl at this Station :—

HEXACTINELLIDA (Schulze, Zool. pt. 53).

Hyalonema poculum, n.sp. One specimen ; obtained at no other locality.

ACTINIARIA (Hertwig, Zool. pt. 15).

Corallimorphus profundus, Moseley, n.g., n.sp. One specimen ; obtained also at Station 293.

Paractis excavata, n.sp. One specimen ; obtained at no other locality.

Ophiodiscus sulcatus, n.g., n.sp. One specimen ; obtained at no other locality. The only other species of the genus (*Ophiodiscus annulatus*) was taken at Station 299.

ASTEROIDEA (Sladen, Zool. pt. 51).

Dytaster exilis, n.g., n.sp. Obtained also at Station 133 (var. *gracilis*).

Hymenaster vicarius, n.sp. Two specimens ; obtained at no other locality.

„ *porosissimus*, n.sp. Two specimens ; obtained at no other locality.

ECHINOIDEA (Agassiz, Zool. pt. 9).

Phormosoma hoplacantha, Wyville Thomson, n.sp. Obtained also at Stations 164B and 235.

Cystechinus wyvillii, n.g., n.sp. Three specimens ; obtained also at Stations 146, 147, 158, 296, and 299.