

STATION 156.

Density at 60° F. :—

Surface,	1.02508	300 fathoms,	1.02565
100 fathoms,	1.02561	400 „	1.02555
200 „	1.02565	Bottom,	1.02515

Depth, 1975 fathoms ; deposit, Diatom Ooze, containing 2.08 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 8 A.M. got up steam. At 9.20 A.M. shortened and furled sails, and proceeded under steam to sound and trawl. Sounded in 1975 fathoms, and put over trawl. Obtained series of temperatures down to 200 fathoms. Weather fine, wind moderate. At 4.30 P.M. the trawl came up with numerous specimens,—one of the most interesting hauls made during the cruise. At 4.40 P.M. made sail, but, the wind rising to a gale, shortened and furled sails at 5.40 P.M., keeping during the night a position under the lee of an iceberg. Observed slight aurora between 12 and 1 A.M. Birds as usual. Sea a greenish-blue colour.

Distance at noon from Cape Otway, 2262 miles. Made good 87 miles. Amount of current 13 miles, direction N. 10° E.

ANIMALS FROM
TRAWL.

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

HEXACTINELLIDA (Schulze, Zool. pt. 53).

Polyrhabdus oviformis, n.g., n.sp. One damaged specimen ; obtained at no other locality. Only species of the genus.

PENNATULIDA (Kölliker, Zool. pt. 2).

Umbellula carpenteri, n.sp. Several specimens ; obtained also at Station 157, 1950 fathoms.

DEEP-SEA MEDUSÆ (Haeckel, Zool. pt. 12).

Periphema regina, n.g., n.sp. One fragmentary specimen ; obtained at no other locality. Only species of the genus.

ASTEROIDEA (Sladen, Zool. pt. 51).

Lonchotaster forcipifer, n.g., n.sp. One specimen ; obtained also at Station 157, 1950 fathoms. The only other species of the genus (*Lonchotaster tartareus*) was taken at Station 89.

Chitonaster cataphractus, n.g., n.sp. One specimen ; obtained at no other locality. Only species of the genus.

Freyella fragilissima, n.sp. Obtained also at Station 146.