

STATION 274.

180 fathoms,	49·2	900 fathoms,	37·1
190 "	48·5	1000 "	36·7
200 "	48·0	1100 "	36·4
300 "	44·6	1200 "	36·1
400 "	42·5	1300 "	35·9
500 "	41·0	1400 "	35·6
600 "	39·5	1500 "	35·3
700 "	38·5	Bottom,	35·1
800 "	37·6		

Density at 60° F. at surface, 1·02656 ; 2275 fathoms, 1·02569.

Depth, 2750 fathoms ; deposit, Radiolarian Ooze, containing 3·89 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 4.15 A.M. shortened and furled sails, and got up steam to sound and trawl. At 6 A.M. sounded in 2750 fathoms. At 7.30 A.M. put trawl over and veered 3350 fathoms. Obtained serial temperatures down to 1500 fathoms. At 2 P.M. commenced heaving in trawl, which came up at 4.20 P.M. with several specimens, over nine litres of compact flattened manganese nodules, with carbonates of Cetaceans, sharks' teeth, and pumice fragments. At 4.45 P.M. made sail. Frigate birds, boatswain birds, gannets, and a large bird like a *Procellaria* were seen.

Venus Point, Tahiti, distant at noon, 625 miles ; Caroline Islands, 202 miles ; Vostok Island, 160 miles. Made good 62 miles. Amount of current 18 miles, direction S. 47° W.

ANIMALS FROM
TRAWL.

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

DEEP-SEA KERATOSA (Haeckel, Zool. pt. 82).

Psammina nummulina, n.g., n.sp. Obtained at no other locality.

MONAXONIDA (Ridley and Dendy, Zool. pt. 59).

Cladorhiza abyssicola, Sars, var. *rectangularis*, nov. One specimen ; obtained at no other locality.

HEXACTINELLIDA (Schulze, Zool. pt. 53).

Euplectella crassistellata, n.sp. One specimen ; obtained at no other locality.

ASTEROIDEA (Sladen, Zool. pt. 51).

Hyphalaster hyalinus, n.g., n.sp. Two specimens ; obtained at no other locality.

ECHINOIDEA (Agassiz, Zool. pt. 9).

Phormosoma tenue, n.sp. Obtained also at Stations 237 and 272.