

Density at 60° F. :—

STATION 272.

Surface, . . . . .	1·02650	300 fathoms, . . . . .	1·02585
25 fathoms, . . . . .	1·02621	400 „ . . . . .	1·02557
50 „ . . . . .	1·02621	800 „ . . . . .	1·02557
100 „ . . . . .	1·02615	2600 (?) „ . . . . .	1·02561
200 „ . . . . .	1·02575	Bottom, . . . . .	1·02636

Depth, 2600 fathoms ; deposit, Radiolarian Ooze, containing 10·19 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 4.30 A.M. shortened and furled sails and got up steam to sound. At 5.30 A.M. sounded in 2600 fathoms. At 7.30 A.M. put trawl over and veered 3200 fathoms. Took serial temperatures down to 1500 fathoms. At 2 P.M. commenced heaving in trawl, which came up at 5.40 P.M. with several specimens, a rounded piece of pumice slightly impregnated with manganese, and two or three irregular manganese nodules with nuclei of pumice. At 6 P.M. made all plain sail. Frigate birds and boatswain birds were seen, supposed to be fishing for flying-fish.

Venus Point, Tahiti, distant at noon, 846 miles. Made good 88 miles. Amount of current 44 miles, direction W.

The following species are recorded in the Zoological Reports from the trawl at Station :— ANIMALS FROM  
TRAWL.

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

*Psammopemma radiolarium*, n.sp. Obtained at no other locality.

*Stannarium alatum*, n.g., n.sp. Obtained at no other locality.

*Stannoma dendroides*, n.g., n.sp. Obtained also at Station 271.

„ *coralloides*, n.g., n.sp. Obtained also at Station 271.

The genus *Stannoma* was obtained only at these two Stations.

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

*Phormosoma tenue*, n.sp. Obtained also at Stations 237 and 274.

*Pourtalesia rosea*, n.sp. Obtained at no other locality.

*Aceste bellidifera*, Wyville Thomson, n.g., n.sp. Obtained also at Stations VIII. and 323. Only species of the genus.

## ANNELIDA (M'Intosh, Zool. pt. 34).

*Myriochele pacifica*, n.sp. One specimen ; obtained at no other locality.

## MACRURA (Spence Bate, Zool. pt. 52).

*Benthesicymus crenatus*, n.g., n.sp. One specimen ; obtained also at Station 276, 2350 fathoms.