

STATION 241.

Density at 60° F. :—

| | | | |
|-----------------------|---------|------------------------|---------|
| Surface, | 1·02574 | 300 fathoms, | 1·02575 |
| 50 fathoms, | 1·02574 | 400 „ | 1·02575 |
| 100 „ | 1·02567 | 900 . „ | 1·02561 |
| 200 „ | 1·02573 | Bottom, | 1·02558 |

Depth, 2300 fathoms ; deposit, Red Clay, containing 17·29 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 3 A.M. shortened and furled sails. At 4 A.M. got up steam. At 4.30 A.M. put over trawl, veering 4000 fathoms. At 6 A.M. proceeded under steam. At 6.30 A.M. sounded in 2300 fathoms. At 8 A.M. shortened in trawl-rope to 3000 fathoms. At 10 A.M. obtained serial temperatures down to 1500 fathoms. At 2 P.M. commenced heaving in trawl, which came up at 4.40 P.M. with numerous specimens and many pumice-stones with animals attached to them. The two tow-nets attached to the beam of the trawl were filled with clay. At 4.45 P.M. made sail.

Distance at noon from Honolulu, 2484 miles. Made good 61 miles. Amount of current 20 miles, direction N. 17° E.

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).

Psammophyllum frustraceum, n.g., n.sp. One specimen ; obtained at no other locality.

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

Axinella profunda, n.sp. One specimen ; obtained also at Station 281, 2385 fathoms.

HEXACTINELLIDA (Schulze, Zool. pt. 53).

Caulophacus elegans, n.g., n.sp. Three specimens ; obtained at no other locality.

Bathydorus fimbriatus, n.g., n.sp. One specimen ; obtained also at Station 248, 2900 fathoms.

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

„ sp. (?).

ALCYONARIA (Wright and Studer, Zool. pt. 64).

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

PENNATULIDA (Kölliker, Zool. pt. 2).

Scleroptilum grandiflorum, n.g., n.sp. Three specimens ; obtained at no other locality.