

to make out with certainty that they are not the larvæ of *Lucifer*, *Sergestes*, nor the surface Mysidæ or Euphausidæ, which will be difficult. Of *Phronima*, the vagant male, with its clypeiform anterior antennæ, was present again, along with another Amphipod, which I have not seen before. Except the larvæ of Crustacea, one seldom observes a larva of any kind, which shows clearly that the larvæ of most animals living at the bottom do not ascend to the surface, for we are here probably on rich ground, the depth being 2000 fathoms, and the mud brought up by the sounding apparatus shows plenty of organic material." STATION 132.

Station 133 (Sounding 216), Bahia to Tristan da Cunha (see Chart 16, and Diagrams 5 and 6). STATION 133

October 11, 1873; lat. 35° 41' S., long. 20° 55' W.

Temperature of air at noon, 56°·8; mean for the day, 56°·0.

Temperature of water:—

Surface,	58·0	75 fathoms,	56·2
25 fathoms,	57·5	100 „	55·5
50 „	56·9	Bottom,	35·4

Density at 60° F. at surface, 1·02626; bottom, 1·02587.

Depth, 1900 fathoms; deposit, Globigerina Ooze, containing 86·04 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 6.30 A.M. got up steam. At 7.20 A.M. shortened and furled sails. At 8.20 A.M. put trawl over, veering 2500 fathoms, and sounded in 1900 fathoms. At 1.20 P.M. commenced heaving in trawl, which came up at 3.20 P.M. with numerous specimens. At 3.30 P.M. made all plain sail, and shaped course towards Tristan da Cunha. A specimen of *Procellaria gigantea* was caught on the upper deck.

Distance at noon from Inaccessible Island, 410 miles. Made good 133 miles. Amount of current 16 miles, direction N. 64° E.

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

PENNATULIDA (Kölliker, Zool. pt. 2).

Anthoptilum simplex, n.g., n.sp. One injured specimen [stated in error to be from 1500 fathoms]; obtained at no other locality.

CORALS (Moseley, Zool. pt. 7).

Bathyactis symmetrica (Pourtalès). For distribution see Station 24.