

In addition, the following are recorded in the note-books :—*Globigerina*, *Pulvinulina*, *Acanthometra* and compound Radiolaria, *Sagitta*, *Setella* and small blue Copepods, Amphipods, *Sergestes* larvæ, *Atlanta*, *Pleuropus* [= *Cavolinia*] and other Pteropods, and small fishes. The tow-net at the weights contained a little deposit, along with many Challengeridæ and other Radiolaria, red *Cypridinæ*, and ordinary surface organisms. One of the tow-nets at the trawl brought up some surface things mixed with ooze.

STATION 334.

Station 335 (Sounding 485), Tristan da Cunha to Ascension Island (see Chart 16 and Diagram 7).

STATION 335.

March 16, 1876 ; lat. $32^{\circ} 24' S.$, long. $13^{\circ} 5' W.$

Temperature of air at noon, $75^{\circ} \cdot 8$; mean for the day, $73^{\circ} \cdot 2$.

Temperature of water :—

Surface,	73·5	275 fathoms,	49·5
25 fathoms,	69·8	300 "	48·0
50 "	64·0	400 "	43·0
75 "	61·3	500 "	39·3
100 "	59·3	600 "	37·8
125 "	57·7	700 "	37·1
150 "	56·2	800 "	37·0
175 "	54·8	900 "	37·0
200 "	53·4	1000 "	37·0
225 "	52·0	Bottom,	37·0
250 "	50·8		

Density at $60^{\circ} F.$:—

Surface,	1·02666	300 fathoms,	1·02568
25 fathoms,	1·02650	400 "	1·02602
50 "	1·02645	800 "	1·02639
100 "	1·02633	Bottom,	1·02585
200 "	1·02612		

Depth, 1425 fathoms ; deposit, Pteropod Ooze, containing 93·77 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 7.30 A.M. got up steam, and at 8.30 A.M. shortened and furled sails and proceeded under steam to sound and dredge. At 9 A.M. sounded in 1425 fathoms. Put large dredge over and veered 1900 fathoms. Took serial temperatures. At 2 P.M. commenced heaving in dredge, which came up at 3 P.M. with many specimens. The dredge and attached tow-nets brought up about ten litres of the ooze and a few pumice-stones. Made sail. Sea phosphorescent. No birds were seen from this date till approaching Ascension on March 27.