

In addition, the following are recorded in the note-books:—*Globigerina*, young Ctenophoræ, *Tomopteris*, *Evadne*, *Copilia*, *Corycæus*, *Saphirina*, Nauplii and Zoëæ of *Euphausia*, *Sergestes* and larvæ and *Elaphocaris*, larvæ of *Ianthina* (?) with large velum, Cephalopod (*Cranchia*?). The tow-nets at the trawl and weights brought up many Phæodaria and other Radiolaria and a small Sternoptychid fish, and also specimens of *Sagitta* much larger than those taken at the surface. These deep nets also contained many dead *Globigerinæ*, *Orbulinæ*, *Pulvinulinæ*, and other pelagic Foraminifera; many of these had a dull white colour, and had holes which seemed to indicate that the shells were being dissolved. The nets also contained many dead specimens of Nassellaria and Spumellaria. If the dead shells of the Globigerinidæ came from the bottom, then a number must reach the bottom before being entirely dissolved, but there is a good deal of evidence in the deep hauls to show that they were caught by the nets while falling to the bottom.

STATION 264.

Station 265 (Sounding 407), Sandwich Islands to Tahiti (see Chart 38 and Diagram 19).

STATION 265.

August 25, 1875; lat. 12° 42' N., long. 152° 1' W.

Temperature of air at noon, 80°·3; mean for the day, 78°·7.

Temperature of water:—

Surface, . . . . .	79·2	180 fathoms, . . . . .	49·1
10 fathoms, . . . . .	78·6	190 " . . . . .	48·8
20 " . . . . .	77·8	200 " . . . . .	48·5
30 " . . . . .	75·8	300 " . . . . .	45·4
40 " . . . . .	72·6	400 " . . . . .	43·3
50 " . . . . .	69·2	500 " . . . . .	41·5
60 " . . . . .	65·6	600 " . . . . .	40·1
70 " . . . . .	62·0	700 " . . . . .	39·0
80 " . . . . .	58·3	800 " . . . . .	38·1
90 " . . . . .	55·2	900 " . . . . .	37·4
100 " . . . . .	53·3	1000 " . . . . .	37·0
110 " . . . . .	52·3	1100 " . . . . .	36·6
120 " . . . . .	51·7	1200 " . . . . .	36·3
130 " . . . . .	51·1	1300 " . . . . .	36·0
140 " . . . . .	50·6	1400 " . . . . .	35·7
150 " . . . . .	50·1	1500 " . . . . .	35·4
160 " . . . . .	49·8	Bottom, . . . . .	35·0
170 " . . . . .	49·5		

Density at 60° F. at surface, 1·02564; 2425 fathoms, 1·02550; bottom, 1·02551.

Depth, 2900 fathoms; deposit, Radiolarian Ooze, containing only a trace of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).