

STATION 266.

Temperature of water :—

Surface, . . . . .	80·0	180 fathoms, . . . . .	49·0
10 fathoms, . . . . .	79·5	190 " . . . . .	48·6
20 " . . . . .	78·0	200 " . . . . .	48·2
30 " . . . . .	75·3	300 " . . . . .	44·6
40 " . . . . .	70·3	400 " . . . . .	42·0
50 " . . . . .	64·9	500 " . . . . .	40·2
60 " . . . . .	58·6	600 " . . . . .	38·9
70 " . . . . .	56·2	700 " . . . . .	37·9
80 " . . . . .	54·3	800 " . . . . .	37·3
90 " . . . . .	53·0	900 " . . . . .	36·9
100 " . . . . .	52·2	1000 " . . . . .	36·5
110 " . . . . .	51·6	1100 " . . . . .	36·2
120 " . . . . .	51·3	1200 " . . . . .	35·9
130 " . . . . .	51·0	1300 " . . . . .	35·6
140 " . . . . .	50·6	1400 " . . . . .	35·3
150 " . . . . .	50·2	1500 " . . . . .	35·1
160 " . . . . .	49·8	Bottom, . . . . .	35·1
170 " . . . . .	49·4		

Density at 60° F. :—

Surface, . . . . .	1·02582	300 fathoms, . . . . .	1·02566
25 fathoms, . . . . .	1·02575	400 " . . . . .	1·02572
50 " . . . . .	1·02550	2275 " . . . . .	1·02555
100 " . . . . .	1·02577	Bottom, . . . . .	1·02579
200 " . . . . .	1·02577		

Depth, 2750 fathoms; deposit, Radiolarian Ooze, containing only a trace of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 1.15 P.M. shortened and furled sails, and proceeded under steam. At 2 P.M. sounded in 2750 fathoms. Obtained serial temperatures down to 1500 fathoms. At 5.15 P.M. completed temperatures, and at 5.30 P.M. made all plain sail. Several petrels were seen.

Distance at noon from Venus Point, Tahiti, 1730 miles. Made good 91 miles. Amount of current 19 miles, direction S. 62° W.

ORGANISMS FROM  
THE DEPOSIT.

RADIOLARIA (Haeckel, Zool. pt. 40).—The following species of Radiolaria were observed in the deposit from this Station :—

*Cenosphaera hexagonalis*, Haeckel.  
 " *elysia*, Haeckel.  
*Carposphaera melitomma*, Haeckel.  
*Liosphaera rhodococcus*, Haeckel.  
*Thecosphaera floribunda*, Haeckel.  
*Rhodosphaera hexagonia*, Haeckel.  
*Chamicosphaera flammabunda*, Haeckel.

*Mazosphaera lagotis*, Haeckel.  
*Caminosphaera dendrophora*, Haeckel.  
*Solenosphaera pandora*, Haeckel.  
 " *megalactis*, Haeckel.  
*Xanthiosphaera lappacea*, Haeckel.  
*Xiphosphaera hebe*, Haeckel.  
 " *vesta*, Haeckel.