

STATION 262.

Temperature of water :—

Surface,	77.5	180 fathoms,	47.2
10 fathoms,	77.4	190 "	46.7
20 "	77.2	200 "	46.2
30 "	77.0	300 "	44.1
40 "	76.3	400 "	42.9
50 "	75.0	500 "	41.3
60 "	73.0	600 "	39.9
70 "	70.5	700 "	38.5
80 "	67.5	800 "	37.5
90 "	64.3	900 "	36.5
100 "	61.5	1000 "	35.9
110 "	59.0	1100 "	35.4
120 "	56.5	1200 "	35.2
130 "	54.2	1300 "	35.2
140 "	52.2	1400 "	35.2
150 "	50.3	1500 "	35.2
160 "	49.0	Bottom,	35.2
170 "	48.0		

Density at 60° F. :—

Surface,	1.02585	300 fathoms,	1.02522
25 fathoms,	1.02557	400 "	1.02527
50 "	1.02554	800 "	1.02554
100 "	1.02566	Bottom,	1.02569
200 "	1.02530		

Depth, 2875 fathoms; deposit, Volcanic Mud, containing no carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 4.45 A.M. shortened and furled sails. At 5.10 A.M. proceeded under steam. At 5.30 A.M. stopped and sounded in 2875 fathoms. Obtained a series of temperatures down to 1500 fathoms. At 11.30 A.M. made all plain sail. Several boatswain birds were seen.

Point Venus, Tahiti, distant at noon, 2217 miles. Made good 54 miles. Amount of current 13 miles, direction S. 8° E.

ORGANISMS FROM
SURFACE-NETS.

Surface Organisms.—The following species are recorded from the surface at this Station :—

RADIOLARIA (Haeckel, Zool. pt. 40).

Acanthosphaera capillaris, Haeckel.
Icosaspis cruciata, Haeckel.
Sethoconus trochus, Haeckel.
" *pileus*, Haeckel.

Theopilium tricostatum, Haeckel.
Theocampe cryptoprora, Haeckel.

FISHES (Günther, Zool. pt. 78).

Echeneis remora, Linné. (From shark).