

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

STATION 345.
ORGANISMS FROM
SURFACE-NETS.

COPEPODA (Brady, Zool. pt. 23).

Saphirina metallina, Dana.

PTEROPODA (Pelseneer, Zool. pt. 65).

Cavolinia longirostris (Lesueur).

The tow-nets yielded abundance of Foraminifera (*Globigerina*, *Orbulina*, *Pullenia*, *Sphæroidina*, and *Pulvinulina menardii*), including some very large specimens; many were surrounded by sarcode in which were entangled small Acanthometræ, Diatoms, and *Peridinium*. There were besides one or two Rhabdospheres, very many Oscillatoriaceæ, *Pyrocystis*, *Ethmodiscus* and other Diatoms, a few Radiolaria, Medusæ, small Planarians, Copepods, Hyperids, *Euphausia*, many small Decapod larvæ, and *Appendicularia*.

Station 346 (Sounding 496), Ascension Island to St. Vincent (see Chart 12 and Diagram 7). STATION 346.

April 6, 1876; lat. 2° 42' S., long. 14° 41' W.

Temperature of air at noon, 82°·3; mean for the day, 80°·5.

Temperature of water :—

Surface,	82·7	190 fathoms,	49·3
10 fathoms,	82·0	200 "	48·7
20 "	78·1	225 "	47·4
25 "	71·5	250 "	45·9
30 "	62·2	275 "	44·5
40 "	57·5	300 "	43·3
50 "	56·5	400 "	40·8
60 "	56·3	500 "	40·0
70 "	56·1	600 "	39·7
80 "	55·9	700 "	39·5
90 "	55·7	800 "	39·2
100 "	55·3	900 "	38·9
110 "	54·7	1000 "	38·7
120 "	54·0	1100 "	38·5
130 "	53·4	1200 "	38·2
140 "	52·6	1300 "	37·9
150 "	52·0	1400 "	37·7
160 "	51·3	1500 "	37·5
170 "	50·6	Bottom,	34·0
180 "	49·9		