

STATION 350.

Temperature of water :—

Surface,	84·0	110 fathoms,	56·3
10 fathoms,	84·0	120 "	55·7
20 "	75·0	130 "	55·2
30 "	68·5	140 "	55·0
40 "	64·8	150 "	54·5
50 "	62·2	160 "	53·6
60 "	60·3	170 "	52·5
70 "	59·2	180 "	51·6
80 "	58·3	190 "	50·7
90 "	57·5	200 "	50·0
100 "	56·7	300 "	45·0

Density at 60° F. :—

Surface,	1·02615	100 fathoms,	1·02619
25 fathoms,	1·02627	110 "	1·02627
50 "	1·02627	130 "	1·02580

At 1.20 P.M. stopped and took serial temperatures down to 300 fathoms, about 40 miles to the E.N.E. of Station 100, August 16, 1873. The carbonic acid was determined in surface water, and amounted to 33·8 milligrammes per litre. At 3 P.M. proceeded.

Cape Verde distant at noon, 460 miles ; Sierra Leone, about 140 miles E.N.E. Made good 129 miles. Amount of current 8 miles, direction N. 62° E.

ORGANISMS FROM
SURFACE-NETS.

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

COPEPODA (Brady, Zool. pt. 23).

Eucalanus attenuatus (Dana).
 ,, *setiger*, n.sp.
Heterochæta spinifrons, Claus.
Leuckartia flavicornis, Claus.
Undina vulgaris, Dana.
Scolecithrix danæ (Lubbock).
Euchæta prestandræ, Philippi.
Candace pectinata, Brady.
Acartia laxa, Dana.
Temora dubia (Lubbock).
Oithona challengerii, n.sp.
Miracia efferata, Dana.

Corycæus varius, Dana.
Oncæa obtusa, Dana.
Saphirina inæqualis, Dana.

PTEROPODA (Pelsencer, Zool. pt. 65).

Cavolinia inflexa (Lesueur), (young
 = *Hyalæa depressa*, d'Orbigny).

TUNICATA (Herdman, Zool. pt. 76).

Doliolum denticulatum, Quoy and
 Gaimard.