

## STATION 343.

## Temperature of water :—

Surface, . . . . .	80·8	130 fathoms, . . . . .	51·1
10 fathoms, . . . . .	80·5	140 „ . . . . .	50·2
20 „ . . . . .	80·0	150 „ . . . . .	49·7
30 „ . . . . .	77·0	160 „ . . . . .	49·1
40 „ . . . . .	72·5	170 „ . . . . .	48·4
50 „ . . . . .	67·0	180 „ . . . . .	47·8
60 „ . . . . .	62·0	190 „ . . . . .	47·1
70 „ . . . . .	58·0	200 „ . . . . .	46·6
80 „ . . . . .	56·3	225 „ . . . . .	45·6
90 „ . . . . .	55·0	250 „ . . . . .	45·0
100 „ . . . . .	53·8	275 „ . . . . .	44·3
110 „ . . . . .	52·8	300 „ . . . . .	43·8
120 „ . . . . .	52·0	Bottom, . . . . .	40·4

Density at 60° F. at surface, 1·02688 ; bottom, 1·02612.

Depth, 425 fathoms ; deposit, Globigerina Ooze, containing 96·80 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 9.30 A.M. observed Ascension Island to the N.E. Shortly before noon stopped to sound. At noon sounded in 425 fathoms ; the sounding-tube brought up two pieces of Coral coated with manganese. Put dredge over and veered 800 fathoms. Obtained serial temperatures down to 300 fathoms. At 2.45 P.M. hove up dredge, with a few specimens attached to the swabs and a little deposit. Proceeded towards Ascension, and at 4.50 P.M. stopped and anchored in 11 fathoms in Clarence Bay, off Fort Thornton, Georgetown. Wide-awakes, boobies, and shags were seen during the day.

ANIMALS FROM  
DREDGE.

The following species are recorded in the Zoological Reports from the dredge at this Station :—

## ALCYONARIA (Wright and Studer, Zool. pt. 64).

*Dasygorgia melanotrichos*, n.sp. Stem and several branches ; obtained at no other locality.

## ANTIPATHARIA (Brook, Zool. pt. 80).

*Dendrobrachia fallax*, n.g., n.sp. Two specimens ; obtained at no other locality. Only species of the genus.

## CORALS (Moseley, Zool. pt. 7).

*Caryophyllia lævicostata*, n.sp. One specimen (attached to a dead Stylasterid) ; obtained at no other locality.