

## STATION 56.

- Pleurotoma (Mangelia) acanthodes*, n.sp. Obtained also at Station 75, 450 fathoms.  
 „ ( „ ) *tiara*, n.sp. Obtained also at Station 24.  
*Cassis* sp. (?). Fry, same as at Station 120, 675 fathoms.  
*Dunkeria falcifera*, n.sp. Obtained at no other locality.  
*Ringicula peracuta*, n.sp. Obtained also at Stations 24 and 122.

The Station-book records also Pennatulid and Shrimp.

Excluding Protozoa, over 50 specimens of invertebrates were obtained at this Station, belonging to about 35 species, of which 17 are new to science, including representatives of 4 new genera; 4 of the new species were not obtained elsewhere.

Willemoes-Suhm writes: "Among the things brought up were only a few deep-sea forms, but among shore things there were some forms interesting on account of the depth into which they descend on the rocky shores of Bermuda, for example: a Galatheid and *Trochus* containing *Pagurus* from 1000 fathoms."

STATIONS 57 TO  
57B.

Stations 57 to 57B (Soundings 119 to 121), off Bermuda (see Chart 8).

May 30, 1873.

Temperature of air at noon, 76°·0; mean for the day, 75°·0.

Temperature of water:—

Surface, . . . . .	73·0	500 fathoms, . . . . .	46·8
100 fathoms, . . . . .	65·2	600 „ . . . . .	41·8
200 „ . . . . .	63·6	700 „ . . . . .	40·0
300 „ . . . . .	60·8	800 „ . . . . .	39·2
350 „ . . . . .	58·0	900 „ . . . . .	38·7
400 „ . . . . .	54·0	1000 „ . . . . .	38·2

At 5 A.M. weighed and proceeded under steam to sound round the S.W. side of Bermuda reef. At 8 A.M. stopped and sounded in 690 fathoms (Station 57). Put over dredge, which came up at 10.20 A.M. containing a few specimens. At 11 A.M. stopped and sounded in 1250 fathoms, deposit Coral Mud, containing 84·75 per cent. of carbonate of lime (Station 57A). At noon put over trawl. At 3 P.M. sounded in 1575 fathoms, deposit Coral Mud, containing 89·11 per cent. of carbonate of lime (Station 57B). Obtained serial temperatures at intervals of 100 fathoms down to 1000 fathoms. At 4 P.M. commenced heaving in trawl, but at 5.45 P.M. it fouled something at the bottom, and the rope parted.

The following species are recorded in the Zoological Reports from the dredge at Station 57:—