

STATION 49.

Willemoes-Suhm writes: "Among great numbers of Crustacea, worms, &c., obtained in the dredge, some Squillids were remarkable for their *Bopyri*, and some specimens of *Anthura* were procured. *Nymphon* was in great abundance, and the various stages in its development could be followed; the larvæ just hatched had only three pairs of legs, the fourth being represented by two rudiments merely at each side of the tail." I may mention that I found the *Dentalia* inhabited by *Sipunculi* quite in the same way as they are on the Danish coasts.

STATION 50.

Station 50 (Sounding 108), Halifax to Bermuda (see Chart 9 and Diagram 2).

May 21, 1873; lat. 42° 8' N., long. 63° 39' W.

Temperature of air at noon, 49°·3; mean for the day, 46°·9.

Temperature of water:—

Surface,	45·0	700 fathoms,	38·1
100 fathoms,	45·2	800 "	37·8
200 "	41·3	900 "	37·6
300 "	39·5	1000 "	37·4
400 "	39·0	1100 "	37·2
500 "	38·7	1200 "	37·0
600 "	38·4		

Density at 60° F. at surface, 1·02451; bottom, 1·02546.

Depth, 1250 fathoms; deposit, Blue Mud, containing 16·25 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 6 A.M. shortened sail, and got up steam to sound and dredge. At 6.40 A.M. sounded in 1250 fathoms. At 8 A.M. put over dredge and veered 2000 fathoms. At 1.15 P.M. hove up dredge, containing a mass of mud and a few specimens. At 2 P.M. the trawl was sent down with 1800 fathoms of rope. Obtained serial temperatures down to 1200 fathoms. At 6 P.M. sounded to obtain bottom water for analysis; a large *Pennatula* was brought up on the sounding-line, with a handsome *Euryale* attached. Hove up trawl, which contained a number of specimens.

Distance from Bermuda at noon, 596 miles. Made good 53 miles. Amount of current 26 miles, direction S.

ANIMALS FROM
DREDGE AND
TRAWL.

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

MONAXONIDA (Ridley and Dendy, Zool. pt. 59).

Tentorium semisuberites (Schmidt). One specimen; obtained also at Stations 49 and 135.