

APRIL 2, 1873. Willemoes-Suhm writes: "Larvæ of Annelids, 3 mm. in length, were found for the first time at sea. As we were in very deep water, it is probable that the adults live in the gulf-weed."

STATIONS 31 to 32A.

Stations 31 to 32A (Soundings 78 to 80), St. Thomas to Bermuda (see Charts 6 and 8, and Diagram 2).

April 3, 1873; lat. 31° 24' N., long. 65° 0' W.

Temperature of air at noon, 69°·8; mean for the day, 68°·5.

Temperature of water at surface, 69°·5.

At 6 A.M. stopped and sounded in 2475 fathoms, deposit Globigerina Ooze, containing 54·70 per cent. of carbonate of lime, bottom temperature 36°·5 (Station 31). At 8 A.M. proceeded under steam. At 11.30 A.M. stopped and sounded in 2250 fathoms, deposit Globigerina Ooze, containing 69·61 per cent. of carbonate of lime, bottom temperature 36°·7 (Station 32). At 1 P.M. proceeded under steam. At 3 P.M. sounded in 1820 fathoms, deposit Coral Mud, containing 81·86 per cent. of carbonate of lime (Station 32A).

STATION 32B.

### Station 32B.

At 6 P.M. stopped and sounded in 950 fathoms, deposit Coral Mud, containing 89·36 per cent. of carbonate of lime (Station 32B).

Distance at noon from Bermuda, 26 miles. Made good 128 miles. Amount of current 5 miles, direction N. 11° W.

ORGANISMS FROM THE DEPOSIT.

The following species of Pteropoda, Foraminifera, and Diatoms were observed in the deposit from this Station (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.):—

PTEROPODA (Pelseneer, Zool. pt. 65).

*Limacina bulimoides* (d'Orbigny).

FORAMINIFERA (Brady, Zool. pt. 22).—The pelagic species, which make up about 39 per cent. of the carbonate of lime present in the deposit, are marked thus x:—

*Biloculina depressa*, d'Orbigny.  
 „ *ringens* (Lamarek).  
*Spiroloculina acutimargo*, Brady.  
 „ *crenata*, Karrer.  
*Miliolina cultrata*, Brady.  
 „ *seminulum* (Linné).

*Articulina funalis*, Brady.  
*Haplophragmium glomeratum*, Brady.  
*Textularia agglutinans*, d'Orbigny.  
*Bulimina inflata*, Seguenza.  
*Bolivina dilatata*, Reuss.  
 „ *robusta*, Brady.