

<i>Truncatulina lobatula</i> (Walker and Jacob).	× <i>Pulvinulina menardii</i> , var. <i>fimbriata</i> , Brady.	STATION 24.
„ <i>reticulata</i> (Czjzek).	× „ <i>melcheliniana</i> (d'Orbigny).	
„ <i>robertsoniana</i> , Brady.	„ <i>pauperata</i> , Parker and Jones.	
„ <i>rosea</i> (d'Orbigny).	„ <i>punctulata</i> (d'Orbigny).	
„ <i>soluta</i> , Brady.	„ <i>repanda</i> (Fichtel and Moll).	
„ <i>ungeriana</i> (d'Orbigny).	„ <i>schreibersii</i> (d'Orbigny).	
<i>Anomalina ammonoides</i> (Reuss).	× „ <i>tumida</i> , Brady.	
„ <i>ariminensis</i> (d'Orbigny).	„ <i>vermiculata</i> (d'Orbigny).	
„ <i>coronata</i> , Parker and Jones.	<i>Rotalia soldanii</i> , d'Orbigny.	
„ <i>foveolata</i> , Brady (?).	<i>Gypsina globulus</i> (Reuss).	
„ <i>polymorpha</i> , Costa.	„ <i>inhærens</i> (Schultze).	
<i>Carpenteria proteiformis</i> , Goës.	„ <i>vesicularis</i> (Parker and Jones).	
„ <i>utricularis</i> , Carter.	<i>Polytrema miniaceum</i> (Linné).	
„ sp. (?).	<i>Nonionina scapha</i> (Fichtel and Moll).	
<i>Pulvinulina auricula</i> (Fichtel and Moll).	„ <i>turgida</i> (Williamson).	
„ <i>dispansa</i> , Brady.	„ <i>umbilicatula</i> (Montagu).	
„ <i>elegans</i> (d'Orbigny).	<i>Polystomella striatopunctata</i> (Fichtel and Moll).	
„ <i>menardii</i> (d'Orbigny).	<i>Amphistegina lessonii</i> , d'Orbigny.	

*Cannartidium amphisiphon* was also observed in the deposit among other Radiolaria.

**Station 25** (Sounding 72), St. Thomas to Bermuda (see Charts 6 and 7, and Diagram 2). STATION 25.

March 26, 1873; lat. 19° 41' N., long. 65° 7' W.

Temperature of air at noon, 76°·8; mean for the day, 76°·3.

Temperature of water:—

Surface, . . . . .	76·0	800 fathoms, . . . . .	39·0
100 fathoms, . . . . .	68·8	900 „ . . . . .	38·7
200 „ . . . . .	61·5	1000 „ . . . . .	38·5
300 „ . . . . .	54·0	1100 „ . . . . .	38·3
400 „ . . . . .	47·4	1200 „ . . . . .	38·1
500 „ . . . . .	43·8	1300 „ . . . . .	37·9
600 „ . . . . .	41·5	1400 „ . . . . .	37·7
700 „ . . . . .	40·0	1500 „ . . . . .	37·5

Density at 60° F. at surface, 1·02692; bottom, 1·02631.

Depth, 3875 fathoms; deposit, Red Clay, containing 7·15 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 5.20 A.M. shortened and furled sails, and got up steam to sound. At 8 A.M. sounded in 3875 fathoms. No bottom temperature was obtained, both thermometer bulbs being broken by the pressure. At 10.30 A.M. lowered small dredge, with one of the Hydra disengaging rods and a weight of 4 cwts. 2 fathoms behind the dredge. Two weights of 1 cwt. each were run down to the toggle 500 fathoms from the dredge. At