

STATIONS 122 TO  
122c.

*neptuni*] came up covered with sea-weeds, Alcyonarians, Polyzoa, and Hydroids, while several beautiful specimens of *Stenorhynchus* were on it."

ORGANISMS FROM  
THE DEPOSIT.

The following species of Pteropoda and Heteropoda were observed in the deposit from 350 fathoms (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.) :—

PTEROPODA (Pelseneer, Zool. pt. 65).

<i>Limacina inflata</i> (d'Orbigny).	<i>Clio pyramidata</i> , Linné.
„ <i>lesueurii</i> (d'Orbigny).	<i>Cuvierina columnella</i> (Rang).
„ <i>bulimoides</i> (d'Orbigny).	<i>Cavolinia trispinosa</i> (Lesueur).
<i>Peracelis reticulata</i> (d'Orbigny).	„ <i>quadridentata</i> (Lesueur).
„ <i>bispinosa</i> , n.sp.	„ <i>longirostris</i> (Lesueur).
<i>Clio</i> ( <i>Creseis</i> ) <i>acicula</i> (Rang).	„ <i>uncinata</i> (Rang).
„ ( <i>Styliola</i> ) <i>subula</i> (Quoy and Gaimard).	„ <i>inflexa</i> (Lesueur).

HETEROPODA (Smith, Zool. pt. 72).

<i>Atlanta peronii</i> , Lesueur.	<i>Atlanta fusca</i> , Eydoux and Souleyet.
„ <i>souleyeti</i> , Smith.	„ <i>inclinata</i> , Eydoux and Souleyet.

STATION 123.

**Station 123** (Sounding 205), between Pernambuco and Bahia (see Charts 12 and 15).

September 11, 1873 ; lat. 10° 9' S., long. 35° 11' W.

Temperature of air at noon, 80°·8 ; mean for the day, 77°·2.

Temperature of water at surface, 77°·5 ; bottom, 37°·0.

Density at 60° F. at surface, 1·02681.

Depth, 1715 fathoms ; deposit, Globigerina Ooze, containing 54·52 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 2 A.M. sounded in 50 fathoms, no bottom, and at 4 A.M. in 60 fathoms, no bottom. At 6 A.M. shortened and furled sails, and got up steam to sound. At 7 A.M. sounded in 1715 fathoms. At 7.55 A.M. proceeded under steam. At 9.15 A.M. sounded in 1000 fathoms, no bottom.

STATION 124.

**Station 124.**

At 10.40 A.M. stopped, put trawl over, and sounded in 1600 fathoms, deposit Globigerina Ooze, containing 40·63 per cent. of carbonate of lime. At 3 P.M. commenced heaving in trawl, which came up at 4.10 P.M. with a few specimens. At 4.15 P.M. made all plain sail.