

TRISTAN DA
CUNHA.

somewhat shallower water in the north. The species seem in many cases to be identical, but this will require critical examination to determine."

ORGANISMS FROM
THE DEPOSIT.

FORAMINIFERA (Brady, Zool. pt. 22).—The following species of Foraminifera were observed in the deposit from Station 135c, 100 to 150 fathoms (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.). The pelagic species, which make up less than 5 per cent. of the carbonate of lime present in the deposit, are marked thus × :—

<i>Miliolina circularis</i> (Bornemann).	<i>Uvigerina angulosa</i> , Williamson.
" <i>oblonga</i> (Montagu).	" " var. <i>spinipes</i> , Brady.
" sp. (?).	× <i>Globigerina bulloides</i> , d'Orbigny.
<i>Hyperammina ramosa</i> , Brady.	× " <i>inflata</i> , d'Orbigny.
<i>Haplophragmium anceps</i> , Brady.	× <i>Orbulina universa</i> , d'Orbigny.
<i>Trochammina nitida</i> , Brady.	<i>Spirillina limbuta</i> , Brady (?).
<i>Textularia agglutinans</i> , d'Orbigny.	<i>Discorbina globularis</i> (d'Orbigny).
" sp. (?).	<i>Truncatulina variabilis</i> , d'Orbigny.
<i>Cassidulina crassa</i> , d'Orbigny.	<i>Anomalina polymorpha</i> , Costa (?).
<i>Nodosaria perversa</i> , Schwager.	" sp. (?).
" sp. (?).	× <i>Pulvinulina canariensis</i> (d'Orbigny).
<i>Cristellaria articulata</i> , Reuss.	" <i>concentrica</i> , Parker and Jones.
" sp. (?).	" <i>elegans</i> (d'Orbigny).
<i>Polymorphina lactea</i> (Walker and Jacob).	× " <i>micheliniiana</i> (d'Orbigny).
" <i>regina</i> , Brady, Parker, and Jones.	<i>Gypsina inhærens</i> (Schultze).

STATION 136.

Station 136 (Sounding 226), Tristan da Cunha to Cape of Good Hope (see Chart 16 and Diagram 6).

October 20, 1873; lat. 36° 43' S., long. 7° 13' W.

Temperature of air at noon, 55°·0; mean for the day, 53°·3.

Temperature of water :—

Surface,	54·0	400 fathoms,	39·5
100 fathoms,	52·2	500 "	38·0
200 "	49·2	600 "	37·2
300 "	43·2	Bottom,	35·2

Density at 60° F. :—

Surface,	1·02616	300 fathoms,	1·02554
100 fathoms,	1·02598	400 "	1·02547
200 "	1·02580	Bottom,	1·02592

Depth, 2100 fathoms.

At 7.30 A.M. got up steam, and shortened sail. At 8.30 A.M. proceeded under steam to sound. At 9.10 A.M. sounded in 2100 fathoms, but the tube came up empty. At