

Depth, 150 fathoms; deposit, Green Sand, containing 67.75 per cent. of carbonate of lime, and phosphatic and glauconitic concretions (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

STATION 142.

At 5 A.M. got up steam. At 6.10 A.M. shortened sail, and proceeded under steam to sound and dredge. Sounded in 150 fathoms. Put dredge over. At 8 A.M. hove up dredge containing numerous specimens, nearly all the invertebrate groups being represented. The swabs were filled with large colonies of Polyzoa and Sponges. At 8.30 A.M. made all plain sail. Shaped course S.S.W. Later in forenoon picked up a favourable westerly breeze.

Distance at noon from Prince Edward Island, 1083 miles. Made good 47 miles. Amount of current 11 miles, direction S. 21° W.

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

ANIMALS FROM  
DREDGE.

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

*Petrosia similis*, n.sp. Several specimens; obtained also at Station 150, 150 fathoms. Recorded subsequently from Kerguelen.

*Gellius glacialis*, n.sp. About twenty-five specimens; obtained at no other locality.

*Vomerula esperoides*, n.sp. Numerous specimens; obtained also at Station 320, 600 fathoms.

*Desmacidon* (?) *ramosa*, n.sp. Several specimens; obtained also at Station 145, 50 to 75 fathoms.

*Iophon chelifer*, n.sp. Young specimen encrusting a branched Polyzoan; obtained also at Stations 145 and 148, 310 and 550 fathoms.

*Myxilla digitata*, n.sp. One specimen; obtained at no other locality.

*Raspailia* (?) *rigida*, n.sp. One specimen; obtained at no other locality.

## CORALS (Moseley, Zool. pt. 7).

*Caryophyllia communis* (Seguenza). One dead broken specimen; for distribution see Station 45.

*Rhizotrochus fragilis*, Pourtalès. One specimen; obtained also at Station 177 (?), 50 to 125 fathoms.

## ASTEROIDEA (Sladen, Zool. pt. 51).

*Stichaster felipes*, n.sp. Obtained also at Simon's Bay, Cape.

## OPHIUROIDEA (Lyman, Zool. pt. 14).

*Ophiopeza aster*, n.sp. Obtained at no other locality.

*Ophioglypha costata*, n.sp. Obtained also at Station 141.