

STATION 143.

Density at 60° F. :—

Surface,	1·02657	300 fathoms,	1·02572
50 fathoms,	1·02629	400 „	1·02579
100 „	1·02616	Bottom,	1·02607
200 „	1·02593		

Depth, 1900 fathoms; deposit, Globigerina Ooze, containing 90·34 per cent. of carbonate of lime, and phosphatic concretions (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 6 A.M. shortened and furled sails, and got up steam. At 7 A.M. sounded in 1900 fathoms. At 9 A.M. obtained serial temperatures down to 400 fathoms, and samples of water for analysis. At 9 A.M. put dredge over. At 2 P.M. commenced heaving in dredge, which came up at 3.30 P.M. with a few specimens. At 3.45 P.M. made all plain sail.

Distance at noon from Prince Edward Island, 997 miles. Made good 95 miles. Amount of current 16 miles, direction N.

ANIMALS FROM
DREDGE.

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

ASTEROIDEA (Sladen, Zool. pt. 51).

Pararchaster pedicifer, n.g., n.sp. One small specimen (young of this species?); obtained also at Station 147, 1600 fathoms.

OPHIUROIDEA (Lyman, Zool. pt. 14).

Ophioglypha irrorata, n.sp. Obtained also at Station 164B, 410 fathoms.

HOLUTHURIOIDEA (Théel, Zool. pt. 13).

Scotoplanes albida, n.g., n.sp. One injured specimen; obtained at no other locality.

The Station-book records also :—Gorgonacea and *Primnoa*.

ORGANISMS FROM
THE DEPOSIT.

FORAMINIFERA (Brady, Zool. pt. 22):—The following species of Foraminifera were observed in the deposit from this Station; the pelagic species, which make up about 77 per cent. of the carbonate of lime present in the deposit, are marked thus × :—

Biloculina bullóides, d'Orbigny.
 „ *depressa*, d'Orbigny.
Spiroloculina crenata, Karrer.
Miliolina agglutinans (d'Orbigny).
 „ *circularis* (Bornemann).

Miliolina separans, Brady.
 „ *venusta*, Karrer.
Astrorhiza angulosa, Brady.
Psammosphæra fusca, Schulze.
Saccamina spherica, Sars.