

STATION 46.
ORGANISMS FROM
SURFACE-NETS.

Surface Organisms.—The following species are recorded from the surface near this Station :—

AMPHIPODA (Stebbing, Zool. pt. 67).

Ethemisto bispinosa (Boeck).

HETEROPODA (Smith, Zool. pt. 72).

Pterotrachea sp. (?). [off Boston, U.S.].

Murray was away in a boat, and picked up some specimens of Ctenophoræ.

STATION 47.

Station 47 (Sounding 105), Bermuda to Halifax (see Chart 9).

May 7, 1873; lat. 41° 14' N., long. 65° 45' W.

Temperature of air at noon, 45°·8; mean for the day, 42°·1.

Temperature of water at surface, 42°·0.

Density at 60° F. at surface, 1·02419.

Depth, 1340 fathoms; deposit, Blue Mud, containing 6·68 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 6 A.M. stopped to sound, and at 6.30 A.M. sounded in 1340 fathoms. At 8 A.M. put over dredge, which came up at 1.45 P.M. half full of mud, and with many specimens, while jammed between the mouth of the dredge and the arms was a large block of syenite, weighing about 5 cwts.

Distance at noon from Sambro Island, 214 miles. Made good 75 miles. Amount of current 6 miles, direction S. 20° W.

ANIMALS FROM
DREDGE.

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

ASTEROIDEA (Sladen, Zool. pt. 51).

Plutonaster bifrons (Wyville Thomson). One small specimen; obtained also at Station V.

„ *rigidus*, n.g., n.sp., var. *semiarmata*, nov. One specimen (either from this Station or Station 46); see Station 46.

Porcellanaster cæruleus, Wyville Thomson, n.g., n.sp. Obtained also at Stations 45 and 46.

Freyella bracteata, n.sp. Five specimens; obtained also at Stations 46 and 50.

ECHINOIDEA (Agassiz, Zool. pt. 9).

Echinus norvegicus, Düben and Koren. Many specimens; obtained also at Stations 46, 232, 235, and 308.