

naturalists. At 3 P.M. commenced heaving in dredge, which came up at 5 P.M. with about a cwt. of ooze. At 5.25 P.M. proceeded under steam. STATION 64.

Distance from Fayal at noon, 1055 miles. Made good 22 miles. Amount of current 17 miles, direction N. 76° E.

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

OSTRACODA (Brady, Zool. pt. 3).

*Cythere dictyon*, n.sp. Widely distributed (see Station 24).

„ *acanthoderma*, n.sp. Obtained also at Stations 73, 146, 191A, 246, 296, and 302, 580 to 2750 fathoms.

*Krithe tumida*, n.sp. Obtained also at Station 323, 1900 fathoms.

*Xestoleberis expansa*, n.sp. Obtained also at Station 323, 1900 fathoms.

POLYZOA (Busk, Zool. pt. 30).

*Farciminaria delicatissima*, n.sp. Obtained also at Stations 13, 14, 68, 89, and 106.

The Station-book records also:—*Ophioglypha bullata*, worm-tubes, and a Priapulid.

Willemoes-Suhm writes: "The dredge brought up some worm-tubes, probably containing the *Pectinaria*-like animal obtained yesterday. There was also a Priapulid, 16 mm. in length and 3 mm. in breadth, but very much spoiled. The pharynx was everted and covered by papillæ not, as in *Priapulus caudatus*, by teeth. The intestine was clearly traceable, though not down to the anus, and was partly filled with mud. The first caudal appendage resembled that of the northern species in form and transparent consistency, but the little rods and buds were absent; there was some pigment and an opening at the end of the caudal appendage, which did not seem to have been fractured. The walls of the body showed very marked longitudinal fibres."

The following species of Radiolaria and fragment of Diatoms were observed in the deposit from this Station:— ORGANISMS FROM THE DEPOSIT.

RADIOLARIA (Haeckel, Zool. pt. 40).

*Cenosphaera lethe*, Haeckel.

*Staurolonche hexagona*, Haeckel.

*Spongolarcus amphicentria*, Haeckel.

DIATOMACEÆ.—Mr. Comber says: "I examined carefully a large quantity of material, but found no trace of any Diatom, except a fragment of a *Coscinodiscus* of the 'radiatus' group, probably *Coscinodiscus radiatus*, Ehrenberg."