

## STATION 73.

- Scaphander punctostriatus* (Mighels). Obtained also at Stations 24 and 78.  
 „ *gracilis*, n.sp. Obtained also at Station 78, 1000 fathoms.  
*Utriculus leucus*, n.sp. Obtained at no other locality.  
 „ n.sp. (?). Specimen in bad condition.  
*Cylichna ovata*, Jeffreys. Obtained also at Stations 24, 75, 78, and 122.  
*Rotella* (?) sp.

## BRACHIOPODA (Davidson, Zool. pt. 1).

- Terebratula vitrea* (Born), var. *minor*, Philippi. One specimen and fragments ;  
 obtained also at Stations 24 and 142.

In addition to the foregoing, the following are recorded in the Station-book :—Three specimens of a second species of *Salenia*, two specimens of *Echinocyamus pusillus*, and two species of Polyzoa.

Excluding Protozoa, nearly 100 specimens of invertebrates were obtained at this Station, belonging to about 59 species, of which 29 are new to science, including representatives of 4 new genera ; 10 of the new species were not obtained elsewhere.

Willemoes-Suhm writes : “ From the animals brought up by the dredge no very definite conclusions can be drawn, as most of them have rather a neutral European deep-sea character. The new *Gnathophausia*, *Pagurus*, and the big *Flabellum* are perhaps peculiar to the Azores plateau.”

## STATION 74.

**Station 74** (Sounding 138), Bermuda to Azores (see Charts 6 and 10, and Diagram 3).

July 1, 1873 ; lat. 38° 22' N., long. 29° 37' W.

Temperature of air at noon, 70°·8 ; mean for the day, 69°·4.

Temperature of water at surface, 69°·8.

Depth, 1350 fathoms ; deposit, Pteropod Ooze, containing 73·50 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 6 A.M. stopped and sounded in 1350 fathoms. At 4 P.M. rounded Guia Point and made for anchorage in Horta Bay. At 4.45 P.M. stopped and came to in 14 fathoms.

Distance from Fayal at noon, 19 miles. Made good 98 miles. Amount of current 5 miles, direction W.

ORGANISMS FROM  
SURFACE.

**Surface Organisms.**—The following species is recorded as having been found attached to a box picked up at the surface on this date :—

CIRRIPEDIA (Hoek, Zool. pt. 25).

*Lepas anatifera*, Linné.