

HOLOTHURIOIDEA (Théel, Zool. pt. 39).

STATION 61.

Pseudostichopus villosus, n.g., n.sp. Two specimens; obtained also at Stations 146, 147, 156, 157, 216A, 244, 296, 302, and 325, 1375 to 2900 fathoms.

CIRRIPEDIA (Hoek, Zool. pt. 25).

Scalpellum regium, Wyville Thomson, n.sp. Six specimens; obtained also at Station 63, 2750 fathoms.

„ „ var. *ovale*, nov. One specimen; obtained at no other locality.

FISHES (Günther, Zool. pt. 57).

Gonostoma microdon, n.sp. Three specimens; for distribution see Station 23. Similar specimens were frequently taken in the surface-net.

In addition to the foregoing, the following are recorded in the Station-book:—Two very small siliceous Sponges, worm-tubes, and fragment of a Crustacean.

Excluding Protozoa, about 40 specimens of invertebrates and fishes were obtained at this Station, belonging to about 7 species, of which 4 are new to science, including representative of 1 new genus.

Willemoes-Suhm writes: “The Annelid-tubes contained a very tender worm, which comes out entirely spoiled; in order not to spoil them all I put the tubes immediately into spirit. There was also a fragment of a shrimp, probably a Peneid or Palæmonid. The *Scalpella* as well as the Holothuriæ brought up seem to indicate that the Lusitanian deep-sea fauna extends down to these remote parts of the ocean.”

Surface Organisms.—The following are recorded in the note-books:—Compound Radiolaria, Medusæ, Siphonophoræ, *Diphyes*, *Gleba*, *Sagitta*, very large specimens of *Alciopa*, Cirriped larvæ, *Phronima*, *Hyperia*, *Mysis*, *Lucifer*, *Atlanta*, *Cleodora* [= *Clio*], *Styliola*, and *Cuvierina*.

ORGANISMS FROM
SURFACE-NETS.

Station 62 (Sounding 126), Bermuda to Azores (see Chart 6 and Diagram 3).

STATION 62.

June 18, 1873; lat. 35° 7' N., long. 52° 32' W.

Temperature of air at noon, 70°·8; mean for the day 72°·2.