

STATION VI. CIRRIPIEDIA (Hoek, Zool. pt. 25).

Scalpellum insigne, n.sp. One specimen ; obtained at no other locality.

Verruca obliqua, n.sp. Four specimens, and a fifth specimen probably representing a variety ; obtained at no other locality.

POLYZOA (Busk, Zool. pt. 30).

Kinetoskias cyathus (Wyville Thomson), n.sp. Four specimens ; obtained also at Station 325, 2650 fathoms.

In addition to the foregoing, the following are recorded in the Station-book:—Two specimens of *Euplectella* sp., *Iphiteon* sp., *Tethya* sp., fragments of *Holtenia* [= *Pheronema*] or *Asconema*, several new Sponges, *Hymenaster* sp., six specimens of *Ophiomusium* sp. and two of another species, *Diadema* sp., six specimens of *Salenia* sp., *Stichopus* (?) sp., and a Molluscoid.

Excluding Protozoa, over 40 specimens of invertebrates were obtained at this Station, belonging to about 20 species, of which 7 are new to science ; 5 of the new species were not obtained elsewhere.

Willemoes-Suhm writes : "The worms brought up by the trawl include *Nereis*, *Sabellides*, an Aphroditid, *Clymene*, and some fragments. They present nothing extraordinary in their structure or morphology."

ORGANISMS FROM SURFACE-NETS.

Surface Organisms.—Willemoes-Suhm writes : "The little *Phronima sedentaria* was got in the morning from the surface, and in its transparent house by the trawl. Only the females have, according to Claus, a house ; they are smaller than the males, have more hairs on the antennæ, &c. A large specimen of *Tomopteris* was captured, but being only slightly transparent was not kept." *Physalia* is also recorded in the note-books.

STATION VII.

Station VII. (Sounding 22), Gibraltar to Madeira (see Chart 2).

January 31, 1873 ; lat. 35° 20' N., long. 13° 4' W.

Temperature of air at noon, 58°·8 ; mean for the day, 57°·9.

Temperature of water at surface, 60°·0 ; bottom, 37°·0.

Depth, 2125 fathoms ; deposit, Globigerina Ooze.

At 9.15 A.M. sounded in 2125 fathoms, and at 11.30 A.M. lowered trawl ; at 3 P.M. commenced heaving in trawl, which came up at 6.30 P.M. with a few specimens.

Position at noon, about 230 miles S.W. of Cape St. Vincent ; distance from Madeira 238 miles. Made good 107 miles. Amount of current 3 miles, direction W.

The following species is recorded from the trawl at this Station :—