

STATION I.

OPHIUROIDEA (Lyman, Zool. pt. 14).

Ophioglypha lepida, Lyman, var. (?). Obtained also at Stations 45, 46, 76, 343, and Bermuda, 420 to 1350 fathoms.

AMPHIPODA (Stebbing, Zool. pt. 67).

Platamon longimanus, n.g., n.sp. One specimen and fragment; obtained at no other locality. Only species of the genus.

FISHES (Günther, Zool. pt. 57).

Argyrolepecus olfersii, Cuvier. One specimen (probably from surface or sub-surface waters); obtained at no other locality by the Challenger. Recorded from the Atlantic. This specimen showed signs of life and was highly phosphorescent when brought up.

In addition to the foregoing, the following are recorded in the Station-book:—*Astropecten* sp. (?), two Ophiuroidea of two species (only one species reported), several specimens of *Eteone*, probably a new species (see M'Intosh, Zool. pt. 34, p. ii), with tubes composed of *Globigerina* shells, Penaeid shrimp of a fine red colour, and empty shells of Pteropoda.

Excluding the Protozoa, over 20 specimens of invertebrates and fishes were obtained at this Station, belonging to about 9 species, of which 2 are new to science, a new genus being represented; the 2 new species and new genus were not obtained elsewhere.

Willemoes-Suhm writes: "One of the specimens of *Eteone* was found without its tube, and seemed to show some motion; perhaps it was brought up alive, though all the rest were dead. I spent the day in examining this little *Eteone* and in making drawings of it. Its anatomy showed nothing not already known from other species, though it is remarkable for its blindness, all the other species of the genus known to me and to Claparède (Annél. de Naples) having got eyes."

ORGANISMS FROM
SURFACE-NETS.

Surface Organisms.—In the surface tow-nets specimens of *Diphyes*, Amphipoda, and *Diacria* [= *Cavolinia*], were obtained.

STATIONS IA. TO IC.

Stations IA. to IC. (Soundings 2 to 4), Cape Finisterre to Lisbon (see Chart 3).

January 1, 1873; lat. 40° 23' N., long. 9° 43' W.

Temperature of air at noon, 57°·3; mean for the day, 57°·3.

Temperature of water at surface, 57°·0.