

STATION 325.

POLYZOA (Busk, Zool. pt. 30).

Cellularia crateriformis, n.sp. Obtained also at Station 323.

Kinetoskias cyathus (Wyville Thomson), n.sp. Obtained also at Station VI.

Farciminaria magna, n.sp. Obtained also at Stations 153 and 323 (var. *armata*).

FISHES (Günther, Zool. pt. 57).

Macrurus filicauda, n.sp. Three specimens; obtained also at Stations 146, 157, 158, 299, and 323.

Bathypterois longipes, n.g., n.sp. Two specimens; obtained at no other locality.

In addition to the foregoing, the following are recorded in the Station-book:—Several Actinians of three species, many Holothurians of four or five forms (only two species noted above), two Schizopods, and *Discina*.

Excluding Protozoa, over 100 specimens of invertebrates and fishes were obtained at this Station, belonging to about 29 species, of which 19 are new to science, including representatives of 9 new genera; 13 of the new species were not obtained elsewhere.

ORGANISMS FROM
THE DEPOSIT.

RADIOLARIA (Haeckel, Zool. pt. 40).—The following species of Radiolaria were observed in the deposit from this Station (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.):—

Staurosphæra petri, Haeckel.
Acanthosphæra florida, Haeckel.
Tholonium bicubicum, Haeckel.
Lampromitra pyramidalis, Haeckel.
Auloceros cervinus, Haeckel.
Challengeria macleari, Murray.

Gazelletta pinnata, Haeckel.
Circospathis furcata, Haeckel.
Haeckeliana lamarchiana, Haeckel.
Tuscarora porcellana, Murray.
Conchopsis pilidium, Haeckel.

ORGANISMS FROM
SURFACE-NETS.

Surface Organisms.—The following species are recorded from the surface and deep tow-nets at this Station:—

RADIOLARIA (Haeckel, Zool. pt. 40).

Thalassoxanthium heractinium, Haeckel.
Cenosphæra papillata, Haeckel.
Carposphæra prunulum, Haeckel.
Plegmosphæra exodictyon, Haeckel.
Solenosphæra amalthæa, Haeckel.
Hexastylus chilonis, Haeckel.
Aranthosphæra insignis, Haeckel.
Heliosphæra elector, Haeckel.
Elaphococcus umbellifer, Haeckel.
Leptosphæra ciliata, Haeckel.
Cromyechinus dodrecanthus, Haeckel.

Spongiomma asteroides, Haeckel.
Ellipsosiphus fragilis, Haeckel.
Lithatractus conifer, Haeckel.
Spongiellipsis setosa, Haeckel.
Spongiocore velata, Haeckel.
Spongoliva opuntina, Haeckel.
Distriactis palmantha, Haeckel.
Astrostrum floscula, Haeckel.
Rhopalastrum malleus, Haeckel.
Chitonastrum jugatum, Haeckel.
Dicranastrum cornutum, Haeckel.