

Excluding Protozoa, about 30 specimens of invertebrates and fishes were obtained at this Station, belonging to about 13 species, of which 6 are new to science, 3 new genera being represented; 2 of the new species were not obtained elsewhere.

STATION V.

Surface Organisms.—Two species of Heteropoda: *Pterotrachea* sp.(?), and *Carinaria* n.sp. (?), are recorded by Smith (Zool. pt. 72), and the following are also given in the note-books: Radiolaria, Siphonophoræ, *Syllis*, and Pteropods.

ORGANISMS FROM
SURFACE-NETS.

Station VA. January 29, 1873.

STATION VA.

At 9.15 A.M. on this date a sounding was taken in 2500 fathoms, but in heaving in the line carried away.

Station VI. (Sounding 21), Gibraltar to Madeira (see Charts 2 and 3).

STATION VI.

January 30, 1873; lat. 36° 23' N., long. 11° 18' W.

Temperature of air at noon, 60°·8; mean for the day, 58°·9.

Temperature of water at surface, 58°·0; bottom, 36°·0.

Depth, 1525 fathoms; deposit, Globigerina Ooze, containing 67·54 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 7.30 A.M. sounded in 1525 fathoms, and lowered trawl, which came up at 4 P.M. containing a number of interesting forms.

Distance from Madeira at noon, 346 miles. Made good 52 miles. Amount of current 15 miles, direction N. 26° W.

The following species are recorded in the Zoological Reports from the trawl at this Station :—

ANIMALS FROM
TRAWL.

ECHINOIDEA (Agassiz, Zool. pt. 9).

Phormosoma uranus, Wyville Thomson, n.sp. Obtained also at Station 78, 1000 fathoms.

ANNELIDA (M'Intosh, Zool. pt. 34).

Evarne tenuisetis, n.sp. One fragmentary specimen; obtained at no other locality.

Nereis longisetis, n.sp. One fragmentary specimen; obtained at no other locality.

Maldane malmgreni, n.sp. One fragmentary specimen; obtained at no other locality.

Amphicteis gunneri (Sars). One fragmentary specimen; obtained also at Station 63, 2750 fathoms (var. *atlantica*, nov.). Recorded from Europe and America.