

Station 311 (Sounding 460), Gulf of Peñas to Sandy Point through Magellan Strait (see Chart 41). STATION 311.

January 11, 1876 ; lat. 52° 45' 30" S., long. 73° 46' W.

Temperature of air at noon, 50°·0 ; mean for the day, 48°·3.

Temperature of water at surface, 50°·0 ; bottom, 46°·0.

Density at 60° F. :—

Surface,	1·01904	100 fathoms,	1·02452
25 fathoms,	1·02271	200 "	1·02388
50 "	1·02412	Bottom,	1·02454

Depth, 245 fathoms ; deposit, Blue Mud, containing 34·07 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 3.30 A.M. got up steam. At 4.30 A.M. proceeded out of Innocentes Bay. At 10.30 A.M. stopped and sounded in 245 fathoms. Put over trawl, which came up at 12.30 P.M. containing numerous specimens. The carbonic acid was determined in bottom water and amounted to 51·2 milligrammes per litre. Proceeded for Port Churruca and anchored there at 2.45 P.M. in 14 fathoms. Exploring parties went on shore.

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

ANIMALS FROM
TRAWL.

MONAXONIDA (Ridley and Dendy, Zool. pt. 59).

Gellius carduus, n.sp., var. *magellanica*, nov. One specimen ; the species obtained also at Stations 145 and 148.

Tedania tenuicapitata, Ridley. Several specimens ; obtained also at Stations 308 and 314.

Trachytodania patagonica, n.sp. One specimen (Station doubtful) ; obtained also at Station 308.

Iophon pattersoni (Bowerbank). Numerous fragments ; obtained also at Stations 135 and 308.

Myxilla mollis, n.sp. Five specimens (Station 308 or 311, or both).

„ *nobilis*, n.sp., var. *patagonica*, nov. One specimen and fragments ; the species obtained also at Stations 148, 307 (var. *bacillifera*), and 320.

TETRACTINELLIDA (Sollas, Zool. pt. 63).

Cydonium magellani, n.sp. Several specimens ; obtained also at Station 308.