

Excluding Protozoa, nearly 200 specimens of invertebrates and fishes were obtained at this Station, belonging to about 34 species, of which 18 are new to science, including representatives of 5 new genera; 9 of the new species and 1 new genus were not obtained elsewhere. STATION 307.

Station 308 (Sounding 456), Gulf of Peñas to Sandy Point through Magellan Strait (see Chart 41). STATION 308.

January 5, 1876; lat. $50^{\circ} 8' 30''$ S., long. $74^{\circ} 41'$ W.

Temperature of air at noon, $48^{\circ} \cdot 8$; mean for the day, $48^{\circ} \cdot 2$.

Temperature of water at surface, $51^{\circ} \cdot 7$.

Density at 60° F. at surface, 1.01401.

Depth, 175 fathoms; deposit Blue Mud, containing 28.84 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 4 A.M. got up steam. At 4.45 A.M. weighed anchor and proceeded through Grappler and Icy Reaches for Wide Channel. At 2.30 P.M. stopped off N.E. end of Madre Island and sounded in 175 fathoms. Put over trawl, which came up at 4 P.M. with a rich collection of specimens, the bag and pockets being distended with large tangled masses of Gorgonoids, to which were attached Corals, Sponges, Euryalids, &c. Proceeded for Tom Bay, anchoring there in 17 fathoms at 5.15 P.M. Landed exploring parties.

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).

Tedania tenuicapitata, Ridley. Several specimens; obtained also at Stations 311 and 314, 245 and 70 fathoms. Recorded from S.W. Patagonia.

Trachytodania patagonica, n.sp. One specimen; obtained also at Station 311 (?), 245 fathoms.

Iophon pattersoni (Bowerbank). Several fragments; obtained also at Stations 135 and 311.

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