

STATION 322.

Station 322 (Sounding 472), Rio de la Plata to Tristan da Cunha (see Chart 16).

February 26, 1876 ; lat. 35° 20' S., long. 53° 42' W.

Temperature of air at noon, 70°·8 ; mean for the day, 71°·3.

Temperature of water at surface, 71°·5.

Density at 60° F. at surface, 1·02288.

Depth, 21 fathoms ; deposit, Sand and Shells.

At 9 A.M. stopped and sounded in 21 fathoms. Put over trawl, which came up at 10 A.M. with a few specimens. Position of Station about 60 miles E.S.E. of Lobos Island, off the Rio de la Plata. Proceeded under steam. Shortly after, the wind shifting, proceeded under sail. Sea phosphorescent after sunset. Molly mauks and large black petrels were seen about the ship.

Tristan da Cunha distant at noon, 2000 miles. Made good 135 miles from Monte Video. No current.

ANIMALS FROM
TRAWL.

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

ACTINIARIA (Hertwig, Zool. pt. 73).

Epizoanthus elongatus, n.sp. Five specimens ; obtained at no other locality.

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

Terebella (Lanice) seticornis, n.sp. Tube only ; obtained at no other locality.

LAMELLIBRANCHIATA (Smith, Zool. pt. 35).

Mytilus edulis, Linné. Obtained also at Station 315 and New Zealand.

Plicatula ramosa, Lamarck. Obtained at no other locality by the Challenger.
Recorded from West Indies.

FISHES (Günther, Zool. pt. 6).

Percophis brasiliensis, Quoy and Gaimard. Obtained at no other locality by the Challenger.

Prionotus punctatus, Bl. Obtained at no other locality by the Challenger.

The Station-book records also Hydroids, *Serpulæ*, and worm-tubes, on the shells.

Excluding Protozoa, about 20 specimens of invertebrates and fishes were obtained at this Station, belonging to about 9 species, of which 2 are new to science, and were not obtained elsewhere.