

Excluding Protozoa, nearly 500 specimens of invertebrates and fishes were obtained at this Station, belonging to about 127 species, of which 103 are new to science, including representatives of 19 new genera; 80 of the new species and 6 new genera were not obtained elsewhere. STATION 320.

Surface Organisms.—The following species are recorded from the surface at this Station :— ORGANISMS FROM SURFACE-NETS.

COPEPODA (Brady, Zool. pt. 23).

*Calanus propinquus*, n.sp.

*Rhincalanus gigas*, n.sp.

*Pleuromma abdominale* (Lubbock).

*Heterochæta spinifrons*, Claus.

SCHIZOPODA (Sars, Zool. pt. 37).

*Thysanoëssa macrura*, n.sp.

TUNICATA (Herdman, Zool. pt. 76).

*Salpa cordiformis-zonaria*, Quoy and Gaimard—Pallas.

In addition, the following are recorded in the note-books :—*Peridinium*, *Globigerina*, *Acanthometræ* and compound Radiolaria, *Carchesium* and other Infusoria, Medusæ, Siphonophoræ, *Sagitta*, Annelid larvæ, Hyperids and other Amphipods, *Squilla* larvæ, *Mysis*, *Euphausia*, *Amphion* (?), Zoëæ, *Appendicularia*. The tow-net at the weights gave some deep-sea Radiolaria (*Challengeria*, &c.), large *Sagittæ*, and other things.

The Challenger remained at Monte Video from the afternoon of February 15 till 5 A.M. on February 25, 1876 (see *Narr. Chall. Exp.*, vol. i. p. 907). The water off Monte Video was of a reddish or fawn colour, and contained a few Diatoms and Copepods. AT MONTE VIDEO.

Station 321 (Sounding 471), Rio de la Plata to Tristan da Cunha.

STATION 321.

February 25, 1876; lat. 35° 2' S., long. 55° 15' W.

Temperature of air at noon, 79°·8; mean for the day, 73°·9.

Temperature of water at surface, 73°·5.

Depth, 13 fathoms; deposit, Blue Mud, containing 1·13 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 5 A.M. weighed anchor, swung ship, and then proceeded down the river. At 4 P.M. stopped and put over trawl in 13 fathoms, which came up at 5 P.M. with a large quantity of tenaceous mud and numerous specimens. Position of Station about 8 miles south of Punta Negra at the mouth of the Rio de la Plata.

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