

Excluding Protozoa, about a dozen specimens of invertebrates were obtained at this Station, belonging to 9 species, of which 3 are new to science, representatives of 3 new genera; 2 of the new genera and new species were not obtained elsewhere. STATION 333.

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

RADIOLARIA (Haeckel, Zool. pt. 40).

Heliosoma duodecilla, Haeckel.*Actinomma castanomma*, Haeckel.*Spongoprunum amphicylindrus*,
Haeckel.*Sethostaurus conostaurus*, Haeckel.*Amphibrachium clavula*, Haeckel.*Amphicraspedum wyvilleanum*,
Haeckel.*Histiastrum pentadiscus*, Haeckel.*Tessarastrum spinosæ*, Haeckel.*Cannocapsa stethoscopium*, Haeckel.*Echinaspis diadema*, Haeckel.*Icosaspis spectabilis*, Haeckel.*Sagmarium spongodictyum*, Haeckel.*Pharyngella gastræa*, Haeckel.

SCHIZOPODA (Sars, Zool. pt. 37).

Thysanoëssa gregaria, n.sp.*Nematoscelis megalops*, n.g., n.sp.

The tow-nets at the surface and down to 200 fathoms yielded:—*Globigerina*, *Pulvinulina*, *Acanthometræ*, *Challengeridæ*, and compound Radiolaria, Siphonophoræ, Ctenophoræ, *Sagitta*, *Cypridina*, *Saphirina* and other Copepods, Amphipods, *Euphausia*, Decapod larvæ, *Atlanta* and larvæ, *Pleuropus* [= *Cavolinia*] and other Pteropods, and many larval fishes.

Station 334 (Sounding 484), Rio de la Plata to Tristan da Cunha (see Chart 16 and Diagram 6). STATION 334.

March 14, 1876; lat. 35° 45' S., long. 18° 31' W.

Temperature of air at noon, 69°·8; mean for the day, 69°·6.

Temperature of water:—

Surface,	68·5	400 fathoms,	40·4
25 fathoms,	64·5	500 "	38·3
50 "	60·3	600 "	37·7
75 "	57·8	700 "	37·4
100 "	56·0	800 "	37·2
125 "	54·0	900 "	37·1
150 "	52·3	1000 "	37·0
175 "	50·6	1130 "	36·8
200 "	49·3	1330 "	36·6
225 "	48·0	1530 "	36·3
250 "	46·6	1730 "	36·1
275 "	45·4	Bottom,	35·8
300 "	44·2		