

## STATION 329.

stinkers (*Procellaria gigantea*), black night hawks (*Procellaria æquinoctialis*), mutton birds, prions (*Prion turtur*), and Thalassidromas were seen.

Tristan da Cunha distant at noon, 1142 miles. Made good 165 miles. Amount of current 9 miles, direction N. 15° W.

ORGANISMS FROM  
SURFACE-NETS.

**Surface Organisms.**—The following species are recorded from the surface at this Station :—

COPEPODA (Brady, Zool. pt. 23).

*Centropages violaceus* (Claus).

FISHES (Günther, Zool. pt. 78).

*Scopelus coccoi* (Cocco).

*Scombresox saurus*, (young).

In addition, the note-books record :—*Sagitta*, Hyperids, and *Euphausia*.

## STATION 330.

**Station 330** (Sounding 480), Rio de la Plata to Tristan da Cunha (see Chart 16 and Diagram 6).

March 8, 1876 ; lat. 37° 45' S., long. 33° 0' W.

Temperature of air at noon, 67°·3 ; mean for the day, 65°·7.

Temperature of water :—

Surface, . . . . .	64·2	400 fathoms, . . . . .	40·7
25 fathoms, . . . . .	63·0	500 " . . . . .	38·7
50 " . . . . .	59·0	600 " . . . . .	37·8
75 " . . . . .	57·0	700 " . . . . .	37·5
100 " . . . . .	56·2	800 " . . . . .	37·5
125 " . . . . .	55·6	900 " . . . . .	37·5
150 " . . . . .	55·4	1000 " . . . . .	37·5
175 " . . . . .	55·2	1580 " . . . . .	37·5
200 " . . . . .	53·0	1780 " . . . . .	36·5
225 " . . . . .	50·5	1980 " . . . . .	35·3
250 " . . . . .	48·0	2180 " . . . . .	34·2
275 " . . . . .	46·0	Bottom, . . . . .	32·7
300 " . . . . .	44·7		

Density at 60° F. at surface, 1·02620 ; bottom, 1·02608.

Depth, 2440 fathoms ; deposit, Red Clay, containing 10·36 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 12.30 P.M. got up steam. At 1.15 P.M. shortened and furled sails, and proceeded under steam. At 2 P.M. sounded in 2440 fathoms. The sounding-tube had sunk about fifteen inches into the bottom, and brought up over two litres of clay, of which the lower layers had a blue rather than a red tinge and contained very little, if any, carbonate of lime. A worm-tube had a deposit of manganese in the inside. Took serial temperatures. At 4.15 P.M. completed observations and made sail. Birds as noted at the previous Station were seen.