

STATION 326.

Station 326 (Sounding 476), Rio de la Plata to Tristan da Cunha (see Chart 16 and Diagram 6).

March 3, 1876 ; lat. 37° 3' S., long. 44° 17' W.

Temperature of air at noon, 67°·8 ; mean for the day, 68°·0.

Temperature of water :—

Surface,	67·8	300 fathoms,	39·1
25 fathoms,	63·7	400 "	37·8
50 "	59·0	500 "	37·1
75 "	55·8	600 "	37·0
100 "	53·3	700 "	37·0
125 "	50·4	800 "	37·0
150 "	46·1	900 "	37·0
175 "	43·5	1000 "	37·0
200 "	42·0	2125 "	37·0
225 "	41·2	2325 "	36·2
250 "	40·2	2525 "	33·0
275 "	39·7	Bottom,	32·6

Density at 60° F. at surface, 1·02491 ; bottom, 1·02581.

Depth, 2775 fathoms ; deposit, Blue Mud, containing 3·11 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 3 P.M. shortened and furled sails, and proceeded under steam to sound. At 4 P.M. sounded in 2775 fathoms. Obtained serial temperatures. The carbonic acid was determined in the surface water, and amounted to 34·0 milligrammes per litre. At 7 P.M. completed observations and made sail. *Diomedea exulans* and two kinds of petrels were seen from the ship.

Tristan da Cunha distant at noon, 1551 miles. Made good 78 miles.

ORGANISMS FROM
SURFACE-NETS.

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

SIPHONOPHORÆ (Haeckel, Zool. pt. 77).

Vogtia köllikeri, n.sp.

COPEPODA (Brady, Zool. pt. 23).

Calanus valgus, n.sp.

Candace pachydactyla, Dana.

Temora dubia (Lubbock).

Centropages violaceus (Claus).

Pontellopsis villosa, n.g., n.sp.

Corycæus varius, Dana.

Oncæa obtusa (Dana).

Saphirina inæqualis, Dana.

AMPHIPODA (Stebbing, Zool. pt. 67).

Phronimella sp. (?)

SCHIZOPODA (Sars, Zool. pt. 37).

Thysanoëssa gregaria, n.sp.

Nematoscelis rostrata, n.g., n.sp.

Siriella thompsoni (M.-Edwards).

PTEROPODA (Pelseneer, Zool. pt. 65).

Clio (Creseis) acicula (Rang).