

STATION 327.
ORGANISMS FROM
SURFACE-NETS.

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

SIPHONOPHORÆ (Haeckel, Zool. pt. 77).

Porpema medusa, n.sp.

Diphyopsis compressa, n.g., n.sp.

COPEPODA (Brady, Zool. pt. 23).

Calanus valgus, n.sp.

Candace pachydactyla, Dana.

Centropages violaceus (Claus).

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

Oncæa obtusa (Dana).

AMPHIPODA (Stebbing, Zool. pt. 67).

Phronimella sp. (?)

SCHIZOPODA (Sars, Zool. pt. 37).

Thysanoëssa gregaria, n.sp.

Siriella thompsoni (M.-Edwards).

PTEROPODA (Pelseneer, Zool. pt. 65).

Clio (*Creseis*) *acicula* (Rang).

Cavolinia inflexa (Lesueur).

TUNICATA (Herdman, Zool. pt. 76).

Salpa democratica - mucronata,
Forskål.

In addition, the following are recorded in the note-books :— Oscillatoriaceæ (*Trichodesmium*), *Globigerina*, *Orbulina*, *Hastigerina*, Acanthometræ and compound Radiolaria, Medusæ, small *Velellæ*, Ctenophoræ, *Sagitta*, *Alciopa*, Mysids, small *Ianthinæ* and other small shells, Pteropods and larvæ, including a naked form and larvæ of *Cymbulia* (?), *Appendicularia*, large *Salpæ* with leathery tests having Coccospheres and Rhabdospheres in the stomachs, and many small fishes, including a Scopelid, an inch in length, with brilliant scales.

STATION 328.

Station 328 (Sounding 478), Rio de la Plata to Tristan da Cunha (see Chart 16 and Diagram 6).

March 6, 1876 ; lat. 37° 38' S., long. 39° 36' W.

Temperature of air at noon, 65°·8 ; mean for the day, 62°·9.

Temperature of water at surface, 68°·0 ; bottom, 32°·9.

Density at 60° F. at surface, 1·02571.

Depth, 2900 fathoms ; deposit, Red Clay, containing no carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 11.10 A.M. shortened and furled sails, and proceeded under steam to sound. At 1 P.M. sounded in 2900 fathoms. The sounding-tube brought up over a litre of the clay, of which the upper layers were slightly darker than the lower. On account of the heavy sea no temperature observations were attempted. At 2 P.M. completed sounding