

STATION 346.

× *Pulvinulina patagonica* (d'Orbigny).
 „ *pauperata*, Parker and Jones.
 × „ *tumida*, Brady.

Rotalia soldanii, d'Orbigny.
Nonionina umbilicatula (Montagu).
Polystomella striatopunctata (Fichtel and Moll).

ORGANISMS FROM
SURFACE-NETS.

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

RADIOLARIA (Haeckel, Zool. pt. 40).

Siphonosphæra socialis, Haeckel.
Artiscus hystrix, Haeckel.
Xiphacantha ciliata, Haeckel.
Lychnaspis giltschii, Haeckel.
Icosaspis elegans, Haeckel.
Gorgonetta mirabilis, Haeckel.
Castanidium buchanani, Haeckel.
 „ *moseleyi*, Haeckel.
Castanura tizardi, Haeckel.
Conchidium argiope, Haeckel.
Cælodendrum spinosissimum, Haeckel.

Aglaisma gegenbauri, n.sp.
Calpe gegenbauri, n.sp.

AMPHIPODA (Stebbing, Zool. pt. 67).

Phronimella elongata, Claus.

SCHIZOPODA (Sars, Zool. pt. 37).

Thysanopoda tricuspидata, M.-
 Edwards.

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

SIPHONOPHORÆ (Haeckel, Zool. pt. 77).

Verella scaphidia, Péron and Lesueur.
Armenista sigmoides, n.g., n.sp.

TUNICATA (Herdman, Zool. pt. 76).

Salpa democratica - mucronata,
 Forskål.

The tow-nets procured Oscillatoriaceæ in great abundance, *Pyrocystis*, Diatoms, *Peridinium*, a few Coccospheres and Rhabdospheres, *Globigerina*, *Orbulina*, *Pullenia*, *Sphæroidina*, *Pulvinulina*, Medusæ, Siphonophoræ, *Sagitta*, *Alciopa*, *Tomopteris*, Aphroditacean larvæ, Copepods, Hyperids, Decapods and larvæ, *Atlanta* and other Heteropods, various species of Pteropods, *Appendicularia*, *Doliolum*, and small fishes. A tow-net sent down to 200 fathoms yielded Challengeridæ and other deep-sea Radiolaria.

STATION 347.

Station 347 (Sounding 497), Ascension Island to St. Vincent (see Chart 12 and Diagram 7).

April 7, 1876 ; lat. 0° 15' S., long. 14° 25' W.

Temperature of air at noon, 81°·8 ; mean for the day, 81°·4.