

Surface Organisms.—The following species are recorded from the surface at this Station 349.  
 Station :— ORGANISMS FROM SURFACE-NETS.

## RADIOLARIA (Haeckel, Zool. pt. 40).

*Collozoum vermiforme*, Haeckel.  
*Spongodictyon arcadophoron*, Haeckel.  
*Collosphaera polygona*, Haeckel.  
*Siphonosphæra cyathina*, Haeckel.  
 „ *socialis*, Haeckel.  
*Haliomma tenellum*, Haeckel.  
*Spongodrymus elaphococcus*, Haeckel.  
*Rhizosphæra leptomita*, Haeckel.  
*Tetrapyle pluteus*, Haeckel.  
*Lithelius spiralis*, Haeckel.  
*Acanthonia mülleri*, Haeckel.  
*Xiphacantha quadridentata*, Haeckel.  
 „ *ciliata*, Haeckel.  
*Acanthostaurus purpurascens*, Haeckel.  
*Ceriaspis icosahedra*, Haeckel.  
*Coscinaspis polypora*, Haeckel.

*Icosaspis elegans*, Haeckel.  
*Dictyospyris anthophora*, Haeckel.  
*Lithomelissa bicornis*, Ehrenberg.  
*Lithopera ananassa*, Haeckel.  
*Arachnocorys circumtexta*, Haeckel.  
*Aulosцена pyramidalis*, Haeckel.  
*Aulatractus fusiformis*, Haeckel.  
*Aulonia hexagonia*, Haeckel.  
*Challengeria xiphodon*, Haeckel.  
*Castanella sloggetti*, Haeckel.  
*Castanidium buchhanani*, Haeckel.  
 „ *moseleyi*, Haeckel.  
*Castanopsis naresi*, Haeckel.  
*Conchidium argiope*, Haeckel.  
*Cælodendrum spinosissimum*, Haeckel.

## SIPHONOPHORÆ (Haeckel, Zool. pt. 77).

*Ersæa compressa*, n.sp.

## COPEPODA (Brady, Zool. pt. 23).

*Calanus gracilis*, Dana.  
*Eucalanus attenuatus* (Dana).  
*Rhincalanus cornutus*, Dana.  
*Pleuromma abdominale* (Lubbock).  
*Undina vulgaris*, Dana.  
*Scolecithrix danæ* (Lubbock).  
*Euchæta prestandræ*, Philippi.  
*Candace pectinata*, Brady.  
*Drepanopus furcatus*, n.g., n.sp.  
*Temora dubia* (Lubbock).

*Oithona challengerii*, n.sp.  
*Miracia efferata*, Dana.  
*Corycæus varius*, Dana.  
*Copilia mirabilis*, Dana.  
*Lubbockia squillimana*, Claus.  
*Oncæa obtusa* (Dana).  
*Saphirina ovalis*, Dana.  
 „ *inæqualis*, Dana.  
*Saphirinella stylifera* (Lubbock).

## PTEROPODA (Pelseneer, Zool. pt. 65).

*Clio (Creseis) acicula* (Rang).  
*Cavolinia longirostris* (Lesueur).

The tow-nets again yielded an abundant harvest of the same character as at the previous Station, Echinoderm larvæ and Brachyurous Zoëæ (?) being very abundant.

Station 350 (Sounding 500), Ascension Island to St. Vincent (see Chart 12).

STATION 350.

April 11, 1876 ; lat. 7° 33' N., long. 15° 16' W.

Temperature of air at noon, 84°·3 ; mean for the day, 82°·5.