

Density at 60° F. :—

STATION 352.

Surface, . . . . .	1.02662	100 fathoms, . . . . .	1.02618
25 fathoms, . . . . .	1.02645	200 „ . . . . .	1.02596
50 „ . . . . .	1.02624	300 „ . . . . .	1.02600

At 1.30 P.M. stopped and took a series of temperatures down to 300 fathoms, about 30 miles from the 100-fathom line off the Bijouga Islands; depth indicated on Admiralty Chart, 680 fathoms. At 2.50 P.M. proceeded under steam. Several Thalassidromas were seen, and on the evening of the 15th a swallow flew about the ship.

Cape Verde distant at noon, 237 miles; Bijouga Breakers, 66 miles N.E. Made good 127 miles. Amount of current 3 miles, direction N. 70° E.

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

ORGANISMS FROM  
SURFACE-NETS.

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

*Sphærozoum ovoidimare*, Haeckel.  
*Collosphæra polygona*, Haeckel.  
 „ *pyriformis*, Haeckel (?).  
 „ *irregularis*, Haeckel.  
*Siphonosphæra cyathina*, Haeckel.  
 „ *socialis*, Haeckel.  
*Halionna tenellum*, Haeckel.  
*Spongiomma helioides*, Haeckel.  
*Rhizosphæra leptomita*, Haeckel.  
*Tetrapyle pluteus*, Haeckel.  
*Lithelius spiralis*, Haeckel.  
*Litholophus rhipidium*, Haeckel.  
*Zygacantha compressa*, Haeckel.  
*Acanthonia mülleri*, Haeckel.  
*Lithophyllum cruciatum*, Haeckel.  
*Xiphacantha quadridentata*, Haeckel.  
 „ *ciliata*, Haeckel.

*Acanthostaurus purpurascens*, Haeckel.  
*Amphilonche diodon*, Haeckel.  
 „ *tetraptera*, Haeckel.  
*Hystrihaspis pectinata*, Haeckel.  
*Icosaspis elegans*, Haeckel.  
*Hexalaspis hexaglypha*, Haeckel.  
*Lithomelissa bicornis*, Ehrenberg.  
*Lithopera ananassa*, Haeckel.  
*Arachnocorys circumtexta*, Haeckel.  
*Theoconus campanulatus*, Haeckel.  
*Dirtyocha navicula*, Ehrenberg.  
*Distephanus aculeata*, Haeckel.  
*Challengeria xiphodon*, Haeckel.  
*Medusetta tetranema*, Haeckel.  
*Castanella channeri*, Haeckel.  
*Castanidium murrayi*, Haeckel.

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

*Cucubalus pyramidalis*, Haeckel.  
*Cuboides crystallus*, n.sp.  
*Ersæa compressa*, n.sp.  
*Mitrophyes peltifera*, n.g., n.sp.  
*Praya galea*, n.sp.  
*Polyphyes unguolata*, n.g., n.sp.

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

*Undina vulgaris*, Dana.

*Scolecithrix danæ* (Lubbock).  
*Euchæta prestandreæ*, Philippi.  
 „ *hessei*, n.sp.  
*Temora dubia* (Lubbock).  
 „ *armata*, Claus.  
*Leuckartia flavicornis*, Claus.  
*Candace pectinata*, Brady.  
*Acartia laxa*, Dana.  
*Oithona challengerii*, n.sp.  
*Miracia efferata*, Dana.