

## STATION 240.

## Density at 60° F.:—

Surface, . . . . .	1·02556	200 fathoms, . . . . .	1·02504
25 fathoms, . . . . .	1·02558	300 „ . . . . .	1·02520
50 „ . . . . .	1·02544	400 „ . . . . .	1·02504
100 „ . . . . .	1·02535		

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

At 3.15 A. M. shortened and furled sails, and got up steam to sound and trawl. At 5 A.M. put trawl over, veering 4000 fathoms. At 6 A.M. proceeded under steam. At 7 A.M. sounded in 2900 fathoms. At 9 A.M. obtained serial temperatures down to 1500 fathoms. At 3 P.M. commenced heaving in trawl, but at 4.30 P.M. the trawl-rope carried away. Made sail. Black albatrosses, black and white petrels, and black prion-like birds were seen.

Distance at noon from Honolulu, 2681 miles. Made good 139 miles. Amount of current 19 miles, direction N. 83° E.

ORGANISMS FROM  
SURFACE-NETS.

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

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

*Cladococcus japonicus*, Haeckel.  
*Elatomma scoparium*, Haeckel.  
*Actinomma japonicum*, Haeckel.  
*Panartus spinosus*, Haeckel.  
*Amphirrhopalum ximorphum*, Haeckel.  
*Hystrihaspis cristata*, Haeckel.  
*Hexalaspis sexalata*, Haeckel.  
*Plagonium lamproanthium*, Haeckel.  
*Dictyophimus gracilipes*, Bailey.  
*Sethoconus trochus*, Haeckel.  
*Theocampe cryptoprora*, Haeckel.  
*Auloceros furcosus*, Haeckel.

*Sagoscena cruciarum*, Haeckel.  
*Sagmidium crucicorne*, Haeckel.  
*Aulosphæra trifurca*, Haeckel.  
*Castanella balfouri*, Haeckel.  
*Castanidium bethelli*, Haeckel.  
*Cælodendrum flabellatum*, Haeckel.

## AMPHIPODA (Stebbing, Zool. pt. 67).

*Parathemisto pacifica*, n.sp.  
*Streetsia challengerii*, n.g., n.sp.

## PTEROPODA (Pelseneer, Zool. pt. 58).

*Pneumonoderma pacificum*, Dall.

In addition, the following are recorded in the note-books:—*Ethmodiscus* and other Diatoms, *Pyrocystis* (some of them having four nuclei), *Peridinium tripos* and other species (very few), *Globigerina*, *Orbulina*, *Hastigerina*, *Pullenia*, and *Pulvinulina*, *Verella*, *Porpita*, young Ophiurids, *Sagitta*, *Cypridina*, *Saphirina* and other Copepods, Hyperids, *Phronima*, *Primno*, *Oxycephalus*, *Euphausia*, Dohrn's Zoëa, *Halobates*, small