

## STATION 257.

At 11 A.M. got up steam. At 11.30 A.M. shortened and furled sails. At noon proceeded under steam. At 1 P.M. sounded in 2875 fathoms. The valves of the sounding-tube had become jammed, and consequently did not open on reaching the bottom, but the tube had sunk two feet into the deposit and was streaked with clay, and sufficient was scraped off to indicate the nature of the deposit. Obtained serial temperatures down to 1500 fathoms. At 4 P.M. completed temperatures, and at 4.15 P.M. made all plain sail. Albatrosses became less numerous; one was caught. Several boatswain birds were seen flying high.

East point of Oahu Island, Sandwich Islands, distant at noon, 402 miles. Made good 89 miles. Amount of current 15 miles, direction S. 45° W.

ORGANISMS FROM  
SURFACE-NETS.

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

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

*Coscinaspis stigmopora*, Haeckel.  
*Icosaspis cruciata*, Haeckel.  
*Sethoconus trochus*, Haeckel.  
*Theocampe cryptoprora*, Haeckel.

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

*Hemicalanus aculeatus*, n.sp.

## MACRURA (Spence Bate, Zool. pt. 52).

*Sergestes oculatus*, Krøyer.

## FISHES (Günther, Zool. pt. 78).

*Thyrsites prometheus*, C.V.

Most of the organisms noted at the previous Station were taken at the surface; *Hastigerina* was not, however, noticed. A haul of the tow-net from 500 fathoms brought up *Globigerina*, *Orbulina*, *Pulvinulina*, Phæodaria and other Radiolaria not usually observed at the surface, many specimens of *Cypridina*, *Euphausia*, and *Sergestes*, as well as masses of Diatoms apparently different from those previously seen on the high seas, *Pyrocystis*, *Peridinium*, and small Infusoria. Many of the specimens of *Pyrocystis* were in a state of division, an outer sphere frequently containing two perfectly-separated individuals.

## STATION 258.

**Station 258** (Sounding 400), Yokohama to Sandwich Islands (see Chart 36 and Diagram 19).

July 24, 1875; lat. 26° 11' N., long. 155° 12' W.

Temperature of air at noon, 77°·5; mean for the day, 75°·3.