

## STATION 217.

Density at 60° F. :—

Surface, . . . . .	1·02518	100 fathoms, . . . . .	1·02644
10 fathoms, . . . . .	1·02561	200 „ . . . . .	1·02637
15 „ . . . . .	1·02562	300 „ . . . . .	1·02565
20 „ . . . . .	1·02565	400 „ . . . . .	1·02564
40 „ . . . . .	1·02578	Bottom, . . . . .	1·02595
50 „ . . . . .	1·02618		

Depth, 2000 fathoms ; deposit, Blue Mud, containing 12·75 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 6 A.M. stopped and sounded in 2000 fathoms. Obtained serial temperatures down to 1500 fathoms. At 11 A.M. completed temperatures and proceeded S.E. During the forenoon passed large quantities of driftwood ; early in the morning the patent log fouled the driftwood and the log-line parted. The sea seemed to be teeming with fish ; observed whales, dolphins, &c. Lowered boat for surface collecting ; Moseley returned with numerous seeds of plants gathered on the edge of the tidal current, and two specimens of *Phalaropus hyperboreus*.

Distance at noon from Caillé Point, Humboldt Bay, New Guinea, 164 miles. Made good 53 miles. Amount of current 15 miles, direction S. 42° W.

ORGANISMS FROM  
SURFACE-NETS.

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

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

*Buccinosphæra tubaria*, Haeckel.

*Psilomelissa galeata*, Haeckel.

*Sethoconus trochus*, Haeckel.

*Dictyomitra macilenta*, Haeckel.

## CIRRIPEDIA (Hoek, Zool. pt. 25).

*Lepas anserifera*, Linné.

BRACHYURA (Miers, Zool. pt. 49).—From  
driftwood.

*Varuna litterata* (Fabricius).

*Plagusia immaculata*, Lamarek.

## CEPHALOPODA (Hoyle, Zool. pt. 44).

*Spirula peronii*, Lamarck. Dead shell.

FISHES (Günther, Zool. pt. 78).—From  
driftwood.

*Pimelepterus waigiensis*, Quoy and  
Gaimard.

*Seriolichthys bipinnulatus*, Quoy and  
Gaimard.

*Psenes cyanophrys*, C.V.

*Balistes* sp. (?)

In addition, the following are recorded in the note-books :—*Noctiluca*, a few *Globigerinæ*, Ctenophoræ (*Eucharis*), *Sagitta*, young *Tomopteris*, Sabellid larvæ, Dendrocœlous Planarians, with digitiform processes, and larvæ, *Hyperia*, *Oxycephalus*,