

200 fathoms, . . . . .	46·1	800 fathoms, . . . . .	38·0
225    "   . . . . .	45·4	900    "   . . . . .	37·2
250    "   . . . . .	44·7	1000   "   . . . . .	36·6
275    "   . . . . .	44·1	1100   "   . . . . .	36·1
300    "   . . . . .	43·7	1200   "   . . . . .	35·8
400    "   . . . . .	42·1	1300   "   . . . . .	35·7
500    "   . . . . .	40·9	1400   "   . . . . .	35·6
600    "   . . . . .	39·7	1500   "   . . . . .	35·5
700    "   . . . . .	38·9	Bottom, . . . . .	34·7

## Density at 60° F. :—

Surface, . . . . .	1·02586	200 fathoms, . . . . .	1·02544
25 fathoms, . . . . .	1·02560	400    "   . . . . .	1·02541
50    "   . . . . .	1·02560	1925   "   . . . . .	1·02548
100   "   . . . . .	1·02559	Bottom, . . . . .	1·02564

Depth, 2400 fathoms; deposit, Red Clay, containing 1·00 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 4 A.M. shortened and furled sails, and proceeded under steam to sound. At 5.30 A.M. sounded in 2400 fathoms. The deposit contained a large quantity of manganese and numerous crystals of phillipsite, and fragments of fishes' teeth. Obtained serial temperatures down to 1500 fathoms. At 10.20 A.M. completed observations, and at 10.25 A.M. made all plain sail. *Diomedea exulans*, molly-mauks (*Diomedea melanophrys* ?), Cape pigeons (*Procellaria capensis*), mutton birds, *Prion vittatus*, and a *Thalassidroma* were seen.

Valparaiso distant at noon, 3018 miles. Made good 49 miles. Amount of current 14 miles, direction S. 74° W.

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

ORGANISMS FROM  
SURFACE-NETS.

## OSTRACODA (Brady, Zool. pt. 3).

*Halocypris atlantica*, Lubbock.  
" *brevirostris*, Dana.

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

*Calanus finmarchicus* (Günner).  
" *valgus*, n.sp.  
*Pleuromma abdominale* (Lubbock).  
*Undina darwinii* (Lubbock).

*Euchaeta hessei*, n.sp.  
*Centropages violaceus* (Claus).  
*Corycaeus varius*, Dana.  
*Saphirina ovalis*, Dana.

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

*Primno macropa*, Guérin.  
*Leptocotis ambobus*, n.sp.