

## STATION 250.

## Density at 60° F.:—

Surface, . . . . .	1.02550	300 fathoms, . . . . .	1.02528
25 fathoms, . . . . .	1.02537	400 " . . . . .	1.02531
50 " . . . . .	1.02449	2800 " . . . . .	1.02539
100 " . . . . .	1.02539	Bottom, . . . . .	1.02568
200 " . . . . .	1.02542		

Depth, 3050 fathoms; deposit, Red Clay, containing only a trace of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 4.15 A.M. shortened and furled sails, and proceeded under steam to sound. At 6 A.M. sounded in 3050 fathoms. Lowered trawl with two tow-nets attached, but hauled it in again after 800 fathoms had been paid out, as the weather became unfavourable for trawling in great depths. At 7 A.M. took serial temperatures down to 1500 fathoms. The carbonic acid was determined in water from 2800 fathoms, and amounted to 37.4 milligrammes per litre. At 11.20 A.M. completed temperatures, and at 11.30 A.M. made sail to a good westerly breeze.

Honolulu distant at noon, 1096 miles. Made good 115 miles. No current for last two days.

Spence Bate (Zool. pt. 52) records in error *Benthesicymus pleocanthus*, n.g., n.sp., and *Gennadas parvus*, n.g., n.sp., from this Station; the specimens probably came from Station 205.

ORGANISMS FROM  
THE DEPOSIT.

The following species of Radiolaria and Diatoms were observed in the deposit from this Station (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.):—

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

<i>Clathrosphæra circumtexta</i> , Haeckel.	<i>Challengeron triangulum</i> , Haeckel.
<i>Anthospyris spathulata</i> , Haeckel.	<i>Entocannula circularis</i> , Haeckel.
<i>Theocyrtis proserpinæ</i> , Haeckel.	<i>Tuscarora tubulosa</i> , Murray.
<i>Aulographis hexancistra</i> , Haeckel.	<i>Tuscaridium cygneum</i> , Haeckel.
<i>Auloceros dicranaster</i> , Haeckel.	<i>Conchellium tridacna</i> , Haeckel.
<i>Aulopathis triodon</i> , Haeckel.	<i>Conchopsis compressa</i> , Haeckel.

## DIATOMACEÆ.—The following species were observed by Mr. Rattray.

<i>Coscinodiscus rex</i> , Wallich.	<i>Coscinodiscus lineatus</i> , Ehrenberg.
" <i>centralis</i> , Ehrenberg.	" " forma <i>major</i> .
" <i>eccentricus</i> , Ehrenberg.	" <i>radiatus</i> , Ehrenberg.
" <i>marginatus</i> , Ehrenberg.	" " var. <i>media</i> , Grunow.
" <i>curvatulus</i> , Grunow, var. <i>genuina</i> , Grunow.	" <i>argus</i> , Ehrenberg.
" <i>imperator</i> , Janisch, an <i>gazellæ</i> , Janisch.	" <i>polyacanthus</i> , Grunow.
" <i>anguste-lineatus</i> , A. Schmidt.	<i>Asterolampra marylandica</i> , Ehrenberg.
	<i>Asteromphalus shadboltianus</i> , Ralfs.