

Density at 60° F. at bottom, 1.02558.

STATION 238.

Depth, 3950 fathoms; deposit, Red Clay, containing no carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 11.45 A.M. shortened and furled sails, and proceeded under steam. At 1 P.M. sounded in 3950 fathoms. Obtained serial temperatures down to 1500 fathoms. At 4.30 P.M. completed temperatures and made sail. Black albatrosses and a small prion-like bird were seen.

Distance at noon from Honolulu, 3170 miles. Made good 172 miles. Amount of current 35 miles, direction N. 9° E,

The following species of Foraminifera and Radiolaria were observed in the deposit from this Station, in which there was no trace of the bluish-coloured mud, nor of the glauconitic particles characteristic of all the deposits nearer the coast of Japan (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.) :—

ORGANISMS FROM  
THE DEPOSIT.

FORAMINIFERA (Brady, Zool. pt. 22).

<i>Miliolina labiosa</i> (d'Orbigny).	<i>Haplophragmium latidorsatum</i> (Bornemann).
<i>Reophax dentaliniformis</i> , Brady.	" <i>tenuimargo</i> , Brady.
" <i>difflugiformis</i> , Brady.	<i>Hormosina ovicula</i> , Brady.
" <i>membranacea</i> , Brady.	<i>Anmodiscus shoneanus</i> , Siddall.
" <i>nodulosa</i> , Brady.	<i>Trochammina coronata</i> , Brady (?).
" <i>scorpiurus</i> , Montfort,	" <i>pauciloculata</i> , Brady.
<i>Haplophragmium canariense</i> (d'Orbigny).	" <i>trullissata</i> , Brady.
" <i>globigeriniforme</i> (Parker and Jones).	<i>Gaudryina siphonella</i> , Reuss.

RADIOLARIA (Haeckel, Zool. pt. 40).

<i>Clathrosphæra circumtexta</i> , Haeckel.	<i>Challengeron bethelli</i> , Murray.
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Surface Organisms.—The following species are recorded from the surface at this Station :—

ORGANISMS FROM  
SURFACE-NETS.

RADIOLARIA (Haeckel, Zool. pt. 40).

<i>Xiphoptera tessaractena</i> , Haeckel.	<i>Theocampe cryptoprora</i> , Haeckel.
<i>Hystrihaspis serrata</i> , Haeckel.	<i>Auloceros furcosus</i> , Haeckel.
<i>Phractopelta tessaraspis</i> , Haeckel.	<i>Sagoplegma pyramidophora</i> , Haeckel.
<i>Plectophora triomma</i> , Haeckel.	<i>Gazelletta trispathilla</i> , Haeckel.
<i>Plectaniscus tripodiscus</i> , Haeckel.	<i>Castanidium bethelli</i> , Haeckel.
<i>Sethophormis umbrella</i> , Haeckel.	<i>Cælodendrum flabellatum</i> , Haeckel.
<i>Sethoconus trochus</i> , Haeckel.	

TUNICATA (Herdman, Zool. pt. 76).

*Doliolum challengerii*, n.sp.

In addition, the following are recorded in the note-books :—*Noctiluca*, *Pyrocystis* (two varieties), *Peridinium tripos* (*in catena*) and other species, Diatoms, *Globigerina*, *Orbulina*, *Hastigerina*, *Pullenia*, and other Foraminifera, *Vorticella* on Diatoms, Medusæ, *Porpita* and other Siphonophoræ, young Ophiurids, Echinoderm larvæ, *Sagitta*,