

STATION 220.  
ORGANISMS FROM  
THE DEPOSIT.

RADIOLARIA (Haeckel, Zool. pt. 40).—The following species of Radiolaria were observed in the deposit from this Station (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.) :—

*Cladococcus stalactites*, Haeckel.  
*Coccodiscus lamarchii*, Haeckel.  
*Sethamphora microstoma*, Haeckel.  
*Podocyrtes divergens*, Haeckel.

*Alacorys bismarckii*, Haeckel.  
*Eucyrtidium ehrenbergii*, Haeckel.  
*Siphocampe quadrantalıs*, Haeckel.

ORGANISMS FROM  
SURFACE-NETS.

Surface Organisms.—The following are recorded in the note-books from the surface at this Station :—

*Pyrocystis*, Diatoms, *Globigerina*, *Orbulina*, Medusæ, *Diphyes* and other Siphonophoræ, Echinoderm larvæ, *Sagitta*, *Alciopa*, Aphroditacean and tubicolous Annelid larvæ, *Copilia*, *Saphirina*, and other Copepods, *Hyperia*, *Oxycephalus*, *Caprella* (probably from the ship's side), Schizopods, *Lucifer*, Zoëæ, *Atlanta*, *Firoloida*, *Pterotrachea*, Pteropods, *Appendicularia*, *Salpa*, *Doliolum*, young of sword-fish and other small fishes.

## STATION 221.

Station 221 (Sounding 359), Admiralty Islands to Yokohama (see Chart 31 and Diagram 16).

March 13, 1875; lat. 0° 48' N., long. 148° 41' E.

Temperature of air at noon, 83°·0; mean for the day, 81°·9.

Temperature of water :—

Surface,	83·8	180 fathoms,	50·6
10 fathoms,	83·0	190 "	50·2
20 "	82·8	200 "	49·9
30 "	82·4	300 "	48·3
40 "	82·0	400 "	44·2
50 "	81·5	500 "	41·3
60 "	81·0	600 "	39·8
70 "	80·4	700 "	38·6
80 "	78·5	800 "	37·8
90 "	75·0	900 "	37·1
100 "	71·2	1000 "	36·7
110 "	67·2	1125 "	36·3
120 "	63·2	1225 "	36·0
130 "	59·4	1325 "	35·7
140 "	55·6	1425 "	35·4
150 "	53·1	1525 "	35·4
160 "	51·8	Bottom,	35·4
170 "	51·2		