

Raine Island distant at noon, 1012 miles. Made good 133 miles. Amount of current 10 miles, direction N. 84° E. STATION 179.

FORAMINIFERA (Brady, Zool. pt. 22).—The following species of Foraminifera were observed during the examination of the deposit from this Station; the pelagic species, which make up about 84 per cent. of the carbonate of lime present in the deposit, are marked thus ×:—

ORGANISMS FROM  
THE DEPOSIT.

<i>Biloculina depressa</i> , d'Orbigny.	<i>Lagena stelligera</i> , Brady (?).
"    "    var. <i>murrhyna</i> , Schwager.	" <i>striata</i> (d'Orbigny).
<i>Miliolina seminulum</i> (Linné).	" <i>striatopunctata</i> , Parker and Jones.
" <i>venusta</i> (Karrer).	" <i>sulcata</i> (Walker and Jacob).
<i>Hyperammina vagans</i> , Brady.	" <i>truncata</i> , Brady.
<i>Reophax nodulosa</i> , Brady.	<i>Nodosaria communis</i> , d'Orbigny.
<i>Haplophragmium latidorsatum</i> (Bornemann).	<i>Cristellaria acutauricularis</i> (Fichtel and Moll).
<i>Ammodiscus gordialis</i> (Jones and Parker).	<i>Polymorphina angusta</i> , Egger.
" <i>incertus</i> (d'Orbigny).	<i>Uvigerina asperula</i> , Czjzek.
<i>Trochammina galeata</i> , Brady.	× <i>Globigerina equilateralis</i> , Brady.
<i>Textularia agglutinans</i> , d'Orbigny.	× " <i>conglobata</i> , Brady.
<i>Verneuilina pygmæa</i> (Egger).	× " <i>digitata</i> , Brady.
<i>Gaudryina pupoides</i> , d'Orbigny.	× " <i>dubia</i> , Egger.
<i>Cassidulina crassa</i> , d'Orbigny.	× " <i>inflata</i> , d'Orbigny.
" <i>subglobosa</i> , Brady.	× " <i>sacculifera</i> , Brady.
<i>Ehrenbergina hystrix</i> , Brady.	× <i>Orbulina universa</i> , d'Orbigny.
" <i>serrata</i> , Reuss.	× <i>Hastigerina pelagica</i> (d'Orbigny).
<i>Lagena apiculata</i> , Reuss.	× <i>Pullenia obliquiloculata</i> , Parker and Jones.
" <i>auriculata</i> , Brady.	" <i>quinqueloba</i> , Reuss.
" <i>crenata</i> , Parker and Jones.	" <i>sphæroides</i> (d'Orbigny).
" <i>desmophora</i> , Rymer Jones.	× <i>Sphæroidina dehiscens</i> , Parker and Jones.
" <i>exsculpta</i> , Brady.	<i>Truncatulina pygmæa</i> , Hantken.
" <i>favoso-punctata</i> , Brady.	" <i>wuellerstorfi</i> (Schwager).
" <i>formosa</i> , Schwager.	× <i>Pulvinulina crassa</i> (d'Orbigny).
" <i>globosa</i> (Montagu).	" <i>exigua</i> , Brady.
" <i>gracilis</i> , Williamson.	" <i>favus</i> , Brady.
" <i>gracillima</i> (Seguenza).	× " <i>menardii</i> (d'Orbigny).
" <i>lævis</i> (Montagu).	× " <i>meliniana</i> (d'Orbigny).
" <i>longispina</i> , Brady.	× " <i>patagonica</i> (d'Orbigny).
" <i>marginata</i> (Walker and Boys).	× " <i>tumida</i> , Brady.
" <i>orbignyana</i> (Seguenza).	" <i>umbonata</i> , Reuss.
" <i>quadricostulata</i> , Reuss (?).	<i>Rotalia soldanii</i> , Reuss.
" <i>seminuda</i> , Brady.	<i>Nonionina pompilioides</i> (Fichtel and Moll).
" <i>semistriata</i> , Williamson.	" <i>umbilicatula</i> (Montagu).
" <i>staphyllearia</i> , Schwager.	

Surface Organisms.—The following were taken in the tow-nets at the surface and down to 40 fathoms:—*Peridinium*, *Pyrocystis*, Diatoms, *Globigerina*, *Orbulina*, *Pulvinulina*, *Acanthometra*, Medusæ, *Diphyes* and allied forms, *Sagitta*, *Alciopa*, larval Aphroditaceans, *Saphirina* and other Copepods, and other Crustaceans, larval

ORGANISMS FROM  
SURFACE-NETS.