

<i>Clavulina cylindrica</i> , Hantken.	<i>Cristellaria</i> sp. (?).
„ <i>parisiensis</i> , d'Orbigny.	<i>Uvigerina asperula</i> , Czjzek.
<i>Bulimina aculeata</i> , d'Orbigny.	„ „ var. <i>ampullacea</i> , Brady.
„ <i>affinis</i> , d'Orbigny.	„ <i>canariensis</i> , d'Orbigny.
„ <i>ovata</i> , d'Orbigny.	„ <i>pygmaea</i> , d'Orbigny.
<i>Bolivina robusta</i> , Brady (?).	<i>Sagrina striata</i> , Schwager.
„ <i>textilarioides</i> , Reuss.	<i>Ramulina globulifera</i> , Brady.
<i>Cassidulina laevigata</i> , d'Orbigny.	× <i>Globigerina conglobata</i> , Brady.
<i>Ehrenbergina serrata</i> , Reuss.	× „ <i>rubra</i> , d'Orbigny.
<i>Lagena laevis</i> (Montagu) (?).	× „ <i>sacculifera</i> , Brady.
„ <i>striata</i> (d'Orbigny).	× <i>Orbulina universa</i> , d'Orbigny.
„ sp. (?).	× <i>Hastigerina pelagica</i> (d'Orbigny).
<i>Nodosaria communis</i> , d'Orbigny.	× <i>Pullenia obliquiloculata</i> , Parker and Jones.
„ <i>consobrina</i> , d'Orbigny.	„ <i>quingueloba</i> , Reuss.
„ <i>obliqua</i> (Linné).	× <i>Sphaeroidina dehiscens</i> , Parker and Jones.
„ <i>pyrula</i> , d'Orbigny.	× <i>Cymbalopora (Tretomphalus) bulloides</i> (d'Orbigny).
„ <i>raphanus</i> (Linné).	„ <i>poeyi</i> (d'Orbigny).
„ sp. (?).	„ <i>tabellæformis</i> , Brady.
<i>Rhabdogonium tricarinaratum</i> (d'Orbigny).	<i>Discorbina rosacea</i> , d'Orbigny.
<i>Marginulina glabra</i> , d'Orbigny.	<i>Planorbulina larvata</i> , Parker and Jones.
<i>Vaginulina legumen</i> (Linné).	<i>Truncatulina præcineta</i> (Karrer).
<i>Cristellaria calcar</i> (Linné).	„ <i>tenera</i> , Brady (?).
„ <i>costata</i> (Fichtel and Moll).	„ <i>wuellerstorfi</i> (Schwager) (?).
„ <i>crassa</i> , d'Orbigny.	„ sp. (?).
„ <i>crepidula</i> (Fichtel and Moll).	<i>Anomalina ammonoides</i> (Reuss).
„ <i>cultrata</i> (Montfort).	<i>Pulvinulina elegans</i> (d'Orbigny).
„ <i>echinata</i> (d'Orbigny).	× „ <i>menardii</i> (d'Orbigny).
„ <i>gemmata</i> , Brady.	„ <i>procera</i> , Brady.
„ <i>gibba</i> , d'Orbigny.	× „ <i>tumida</i> , Brady.
„ <i>italica</i> (DeFrance).	<i>Rotalia soldanii</i> , d'Orbigny (?).
„ <i>mamilligera</i> , Karrer.	<i>Calcarina spengleri</i> , Linné.
„ <i>nitida</i> , d'Orbigny.	<i>Tinoporos baculatus</i> (Montfort ?), Carpenter.
„ <i>orbicularis</i> (d'Orbigny) (?).	<i>Polytrema miniuceum</i> (Linné).
„ <i>papillosa</i> (Fichtel and Moll).	<i>Nonionina umbilicatula</i> (Montagu).
„ <i>saddalliana</i> , Brady.	<i>Amphistegina lessonii</i> , d'Orbigny.
„ <i>vortex</i> (Fichtel and Moll).	<i>Heterostegina depressa</i> , d'Orbigny (?).

Surface Organisms.—August 2 was calm all day, and tow-nets were sent down to 20 fathoms, 40 fathoms, and 100 fathoms. From 20 fathoms many Foraminifera (*Globigerina* and *Orbulina*, nearly all with long spines) were obtained; from 40 fathoms the same, with the addition of one or two specimens of *Pulvinulina menardii*; from 100 fathoms a good many more *Pulvinulinae* than from 40 fathoms. The *Globigerina*-like body inside the *Orbulina* had sometimes spines attaching it to the inner surface of the *Orbulina* shell, and sometimes not. Sometimes a protoplasmic mass could be seen between the *Globigerina* and the *Orbulina* shell, and sometimes the protoplasmic matter was entirely confined to the *Globigerina* shell. The sarcode of the *Orbulina* was crowded with elongated “yellow cells” resembling those found in Radiolaria. In addition there

ORGANISMS FROM
THE SURFACE.