

the pelagic species, which make up about 85 per cent. of the carbonate of lime present in the deposit, are marked thus × :—

<i>Biloculina depressa</i> , d'Orbigny.	× <i>Globigerina æquilateralis</i> , Brady.
<i>Miliolina seminulum</i> (Linné).	× " <i>bulloides</i> , d'Orbigny.
" <i>venusta</i> (Karrer).	× " " var. <i>triloba</i> , Reuss.
" sp. (?).	× " <i>conglobata</i> , Brady.
<i>Pelosina cylindrica</i> , Brady.	× " <i>dubia</i> , Egger.
<i>Psammosphæra fusca</i> , Schulze.	× " <i>inflata</i> , d'Orbigny.
<i>Hyperammia elongata</i> , Brady.	× " <i>rubra</i> , d'Orbigny.
" <i>ramosa</i> , Brady.	× " <i>sacculifera</i> , Brady.
" <i>vagans</i> , Brady.	× <i>Orbulina universa</i> , d'Orbigny.
<i>Rhizammina algæformis</i> , Brady.	× <i>Hastigerina pelagica</i> (d'Orbigny).
<i>Reophax fusiformis</i> (Williamson).	× <i>Pullenia obliquiloculata</i> , Parker and Jones.
" <i>scorpiurus</i> , Montfort.	× <i>Sphæroidina dehiscens</i> , Parker and Jones.
<i>Haplophragmium agglutinans</i> (d'Orbigny).	<i>Discorbina allomorphinoides</i> (Reuss).
" <i>globigeriniforme</i> (Parker and Jones).	" <i>patelliformis</i> , Brady.
" <i>rotulatum</i> , Brady.	<i>Truncatulina haidingerii</i> (d'Orbigny).
<i>Ammodiscus gordialis</i> (Jones and Parker).	" <i>refulgens</i> (Montfort).
<i>Trochammina pauciloculata</i> , Brady.	" <i>wuellerstorfi</i> (Schwager).
" <i>squamata</i> , Jones and Parker.	× <i>Pulvinulina canariensis</i> (d'Orbigny).
" <i>trullissata</i> , Brady.	× " <i>crassa</i> (d'Orbigny).
<i>Textularia agglutinans</i> , d'Orbigny.	" <i>elegans</i> (d'Orbigny).
<i>Bigenenerina capreolus</i> (d'Orbigny).	× " <i>menardii</i> (d'Orbigny).
<i>Gaudryina pupoides</i> (d'Orbigny).	× " " var. <i>fimbriata</i> , Brady.
<i>Pleurostomella subnodosa</i> , Reuss.	× " <i>meliniana</i> (d'Orbigny).
<i>Cassidulina subglobosa</i> , Brady.	" <i>pauperata</i> , Parker and Jones.
<i>Lagena auriculata</i> , Brady.	× " <i>tumida</i> , Brady.
" <i>marginata</i> (Walker and Boys).	" sp. (?).
" <i>orbignyana</i> (Seguenza).	<i>Rotalia broeckhiana</i> , Karrer.
" <i>truncata</i> , Brady.	" <i>orbicularis</i> , d'Orbigny.
<i>Nodosaria communis</i> , d'Orbigny.	" <i>soldanii</i> , d'Orbigny.
<i>Uvigerina pygmæa</i> , d'Orbigny.	

Surface Organisms.—The following are recorded in the note-books as having been captured in the surface tow-nets :—

Acanthometra, *Collosphæra*; *Physalia*, *Rhizophysa filiformis* (?), *Diphyes*, *Cuboides*; *Calanella* [= *Eucalanus*], *Hyalophyllum* [= *Saphirinella*], *Corycæus*, *Hyperia*, *Lucifer*, *Zoëæ*; *Styliola*, *Hyalæa* [= *Cavolinia*]; *Appendicularia*, *Doliolum*.

Moseley writes: "A large *Physalia* was caught, and I obtained good preparations of the enidæ by placing one of the nematophorous threads at full stretch on a glass slip and allowing it to dry there. As the thread dried all the cells shot their threads, and these latter formed a fluffy margin to the dried mass plainly visible to the naked eye. By drying a thread rapidly over a spirit-lamp preparations were obtained in which the threads were not ejected."