

observed in the deposit from this Station (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.); the pelagic species, which make up 25 per cent. of the carbonate of lime present in the deposit, are marked thus × :—

STATIONS II.
AND IIA.

<i>Biloculina bulloides</i> , d'Orbigny.	<i>Lingulina carinata</i> , d'Orbigny, var. <i>seminuda</i> , Hantken.
„ <i>comata</i> , Brady.	<i>Marginulina costata</i> (Batsch).
„ <i>depressa</i> , d'Orbigny.	<i>Vaginulina legumen</i> (Linné).
„ <i>ringens</i> (Lamarck).	<i>Cristellaria articulata</i> , Reuss.
„ <i>tubulosa</i> , Costa.	„ <i>calcar</i> (Linné).
<i>Spiroloculina limbata</i> , d'Orbigny.	„ <i>compressa</i> , d'Orbigny.
<i>Miliolina seminulum</i> (Linné).	„ <i>cultrata</i> (Montfort).
<i>Planispirina celata</i> (Costa).	„ <i>italica</i> (Defrance).
„ <i>communis</i> , Seguenza.	„ <i>rotulata</i> (Lamarck).
<i>Psammosphæra fusca</i> , Schulze.	„ <i>vortex</i> (Fichtel and Moll).
<i>Kalamopsis</i> (?) sp.	„ sp. (?)
<i>Hyperammia ramosa</i> , Brady.	<i>Uvigerina angulosa</i> , Williamson.
<i>Rhabdammina abyssorum</i> , Sars.	„ <i>pygmæa</i> , d'Orbigny.
<i>Botellina labyrinthica</i> , Brady.	× <i>Globigerina bulloides</i> , d'Orbigny.
<i>Reophax</i> sp. (?).	× „ <i>conglobata</i> , Brady.
<i>Haplophragmium latidorsatum</i> (Bornemann).	× „ <i>inflata</i> , d'Orbigny.
<i>Placopsilina vesicularis</i> , Brady (?).	× „ <i>rubra</i> , d'Orbigny.
<i>Ammodiscus incertus</i> (d'Orbigny).	× <i>Orbulina universa</i> , d'Orbigny.
<i>Webbina clavata</i> , Jones and Parker.	<i>Pullenia sphaeroides</i> (d'Orbigny).
<i>Cyclammia cancellata</i> , Brady.	<i>Truncatulina pygmæa</i> , Hantken.
<i>Bigennerina capreolus</i> , d'Orbigny.	<i>Anomalina ariminensis</i> (d'Orbigny).
<i>Valvulina fusca</i> (Williamson).	„ <i>coronata</i> , Parker and Jones.
<i>Clavulina communis</i> , d'Orbigny.	<i>Carpenteria balaniformis</i> , Gray.
„ <i>parisiensis</i> , d'Orbigny.	<i>Rupertia stabilis</i> , Wallich.
<i>Bulimina inflata</i> , Seguenza.	× <i>Pulvinulina canariensis</i> (d'Orbigny).
„ <i>pyrula</i> , d'Orbigny.	„ <i>elegans</i> (d'Orbigny).
<i>Bolivina amygdalæformis</i> , Brady.	× „ <i>meliniana</i> (d'Orbigny).
„ <i>punctata</i> , d'Orbigny.	„ <i>punctulata</i> (d'Orbigny).
<i>Lagena levis</i> (Montagu).	„ sp. (?)
„ <i>sulcata</i> (Walker and Jacob).	<i>Rotalia orbicularis</i> , d'Orbigny.
<i>Nodosaria comata</i> (Batsch) (?).	<i>Gypsina globulus</i> (Reuss).
„ (<i>Glandulina</i>) <i>levigata</i> , d'Orbigny.	<i>Nonionina umbilicatula</i> (Montagu).
„ <i>scalaris</i> (Batsch).	<i>Operculina ammonoides</i> (Gronovius).
„ <i>soluta</i> , Reuss.	

Surface Organisms.—Willemoes-Suhm writes:—“Among the surface things were found a beautiful *Gammarus* with enormous eyes, a Crustacean larva offering a curious combination of Phyllopodal and Copepodal characters, and the little *Hyperia* inhabiting the *Salpæ*.”

ORGANISMS FROM
SURFACE-NETS.

Stations IIB. to IIH. (Soundings 8 to 14), off the mouth of the Tagus (see Chart 3).

STATIONS IIB. TO
IIH.

On January 14, 1873, soundings were taken successively in 84 fathoms, deposit