

STATION 237.

- Gonostoma microdon*, n.sp. Eight specimens ; for distribution see Station 23.
- Bathysaurus mollis*, n.g., n.sp. One specimen ; obtained also at Station 281, 2385 fathoms.
- Notacanthus rissoanus*, Filippi and Vérany. One specimen ; obtained at no other locality by the Challenger. Recorded from Mediterranean.
- Synaphobranchus bathybius*, n.sp. Nine specimens ; obtained also at Stations 146 and 246.

In addition to the foregoing, the following are recorded in the Station-book :—*Palythoa* on shells with *Pagurus*, two species of *Holothuria* (only one given above), two Annelids, two Lernæans on *Synaphobranchus*, *Cryptoniscus* on Caridid shrimp, three cuttlefishes (only two given above).

Excluding Protozoa, over 150 specimens of invertebrates and fishes were obtained at this Station, belonging to about 57 species, of which 45 are new to science, including representatives of 11 new genera ; 25 of the new species and 1 new genus were not obtained elsewhere.

ORGANISMS FROM
THE DEPOSIT.

The following species of Foraminifera and Diatoms were observed in the deposit from this Station (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.) :—

FORAMINIFERA (Brady, Zool. pt. 22).—The pelagic species, which make up about 33 per cent. of carbonate of lime present in the deposit, are marked thus ×.

<i>Biloculina depressa</i> , d'Orbigny.	<i>Marsipella cylindrica</i> , Brady.
" " var. <i>murrhyna</i> , Schwager.	<i>Rhabdammina abyssorum</i> , Sars.
" " var. <i>serrata</i> , Brady.	" <i>linearis</i> , Brady.
<i>Spiroloculina tenuis</i> (Czjzek).	<i>Aschemonella catenata</i> (Norman).
<i>Miliolina insignis</i> , Brady.	<i>Rhizammina algiformis</i> , Brady.
" <i>tricarinata</i> (d'Orbigny).	<i>Reophaea aduwa</i> , Brady.
" <i>trigonula</i> (Lamarck).	" <i>cylindrica</i> , Brady (?).
<i>Ophthalmidium inconstans</i> , Brady.	" <i>dentaliniformis</i> , Brady.
<i>Planispirina celata</i> (Costa).	" <i>diffugiiformis</i> , Brady.
" <i>sigmoidea</i> , Brady.	" <i>distans</i> , Brady.
<i>Cornuspira involvens</i> , Reuss.	" <i>guttifera</i> , Brady.
<i>Pelosina cylindrica</i> , Brady.	" <i>membranacea</i> , Brady (?).
<i>Storthisosphæra</i> (?) sp.	" <i>nodulosa</i> , Brady.
<i>Techmitella legumen</i> , Norman.	" <i>pilulifera</i> , Brady.
" <i>melo</i> , Norman.	" <i>scorpiurus</i> , Montfort.
<i>Bathysiphon filiformis</i> , Sars.	" <i>spiculifera</i> , Brady (?).
<i>Psammosphæra fusca</i> , Schulze.	<i>Haplophragmium anceps</i> , Brady.
<i>Jaculella obtusa</i> , Brady.	" <i>canariense</i> (d'Orbigny).
<i>Hyperammia ramosa</i> , Brady.	" <i>globigeriniforme</i> (Parker and Jones).
" <i>subnodosa</i> , Brady (?).	" <i>glomeratum</i> , Brady.