

by a small opening present in each of them. Near the mouth of an Ophiurid I found a large tumour containing a *Bopyrus* or *Peltogaster* inflated with eggs. One of the smaller black fishes had a *Lernæonema* with egg-sacs on the middle of the body. There were besides: a curious Aphroditacean very much like a Chiton in appearance [= *Iphionella cimex*], a Nephthydean Annelid, *Sipunculus* [= *Phascolosoma prioki*], a large *Arcturus*, another small Isopod, a fine large specimen of *Cystisoma neptuni* [= *Cystisoma spinosum*], several Caridids and Peneids, a young male of *Gnathophausia gigas* [= *Gnathophausia calcarata*], 7 mm. in length, a small specimen of *Willemoesia euthrix* [= *Pentacheles lavis*], which had lost the long chelæ, and a specimen of *Cirroteuthis*, which genus, wonderfully illustrated by Prosch and Reinhardt in the Danish Transactions under the name of *Sciadephorus*, we have taken before in deep water several times, especially in the Antarctic." STATION 214.

In *Malacosteus* there was a remarkable connecting band between the tongue and the symphysis of the mandible; no barbel was present. The larger club-shaped phosphorescent spot immediately under the eye was of a dull red colour; the small round spot posterior to this was of a beautiful light yellowish green colour. A Lernæan, mentioned above by Suhm, was attached to this *Malacosteus*.

FORAMINIFERA (Brady, Zool. pt. 22).—The following species of Foraminifera were observed in the deposit from this Station (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.); the pelagic species, which make up about 73 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>Orbulina universa</i> , d'Orbigny.
<i>Cassidulina crassa</i> , d'Orbigny.	× <i>Pullenia obliquiloculata</i> , Parker and Jones.
,, <i>lævigata</i> , d'Orbigny.	× <i>Sphæroidina dehiscens</i> , Parker and Jones.
<i>Uvigerina angulosa</i> , Williamson.	× <i>Candeina nitida</i> , d'Orbigny.
× <i>Globigerina æquilateralis</i> , Brady.	<i>Truncatulina lobatula</i> , Walker and Jacob.
× ,, <i>bulloides</i> , d'Orbigny.	× <i>Pulvinulina menardii</i> (d'Orbigny).
× ,, <i>conglobata</i> , Brady.	× ,, <i>patagonica</i> (d'Orbigny).
× ,, <i>dubia</i> , Egger.	× ,, <i>tumida</i> , Brady.
× ,, <i>inflata</i> , d'Orbigny.	<i>Rotalia soldanii</i> , d'Orbigny.
× ,, <i>sacculifera</i> , Brady.	<i>Nonionina umbilicatula</i> (Montagu).

Surface Organisms.—The following species are recorded from the surface at this Station:—

ORGANISMS FROM SURFACE-NETS.

RADIOLARIA (Haeckel, Zool. pt. 40).

Psilomelissa galeata, Haeckel.
Sethoconus trochus, Haeckel.
Dictyomitra macilenta, Haeckel.

FISHES (Günther, Zool. pt. 78).

Psenes cyanophrys, C.V.

Two hauls of the tow-net were taken at the surface, a few small *Globigerinæ* and a few other things being procured, while a net sent down to 100 fathoms was lost.