

Excluding Protozoa, about 20 specimens of invertebrates and fishes were obtained at this Station, belonging to about 12 species, of which 9 are new to science, including representatives of 5 new genera; 5 of the new species and 1 new genus were not obtained elsewhere. STATION 181.

The specimen of *Pachystomias microdon* had one club-shaped spot of a rose colour directly below the eye, another a little above and in front of the eye, the latter about half the size of the former; these spots became yellow in spirit. The two rows of phosphorescent dots on the body were red with a circle of very pale violet; these became white in spirit. No trace of an eye could be observed in *Typhlonus*, but a dark spot was to be seen far beneath the skin behind the nostrils; the body of the fish was white, the fins black; all the scales were off, with the exception of one or two, which were of a dark colour.

Surface Organisms.—The following species are recorded from the surface in this locality (August 25, 26):— ORGANISMS FROM SURFACE-NETS.

OSTRACODA (Brady, Zool. pt. 3).

Halocypris atlantica, Lubbock.
 „ *brevirostris*, Dana.

COPEPODA (Brady, Zool. pt. 23).

Calanus gracilis, Dana.
Eucalanus attenuatus (Dana).
Pleuromma abdominale (Lubbock).
Undina darwinii, Lubbock.
 „ *vulgaris*, Dana.
Scolecithrix danæ (Lubbock).
Temora dubia (Lubbock).
Euchæta prestandræ, Philippi.
 „ *hessei*, n.sp.
 „ *australis*, n.sp.
Candace truncata, Dana.
 „ *pectinata*, Brady.
Setella gracilis, Dana.
Pontella acutifrons (Dana).
 „ *plumata* (Dana).
Corycæus varius, Dana.
 „ *venustus*, Dana.

Copilia mirabilis, Dana.

Oncaea obtusa, Dana.

Saphirina ovalis, Dana.

„ *inæqualis*, Dana.

„ *serrata*, n.sp.

AMPHIPODA (Stebbing, Zool. pt. 67).

Paraphronima cuivis, n.sp.
Phronima megalodous, n.sp.
Phorcorrhaphis sp. (?)

SCHIZOPODA (Sars, Zool. pt. 37).

Ceratolepis hamata, n.g., n.sp.¹
Euphausia pellucida, Dana.
 „ *gracilis*, Dana.
Thysanopoda tricuspidata, M.-
 Edwards.

PTEROPODA (Pelsencer, Zool. pt. 65).

Limacina inflata (d'Orbigny).
 „ *bulimoides* (d'Orbigny).
Clio (Creseis) virgula (Rang).

¹ Sars is doubtful whether this specimen came from the surface; it is more like a deep-sea species.