

SCHIZOPODA (Sars, Zool. pt. 37).

- Euphausia gibba*, n.sp.
 „ *pellucida*, Dana.
Thysanopoda tricuspидata, M.-
 Edwards.
Stylocheiron carinatum, n.g., n.sp.

MACRURA (Spence Bate, Zool. pt. 52).

- Penæus canaliculatus*, Olivier.
Lucifer reynaudii, M.-Edwards.
Thalassocaris danæ, n.sp.
 „ *stimpsoni*, n.sp.
Caricyphus serratmarginis, n.sp.

PTEROPODA (Pelseneer, Zool. pt. 65).

- Limacina inflata* (d'Orbigny).
 „ *lesueurii* (d'Orbigny).
 „ *bulimoides* (d'Orbigny).

Agadina stimpsoni, Adams [= larval Gasteropod].

„ n.sp. [= larval Gasteropod].

Clio (Creseis) acicula (Rang).

„ (*Hyalocylis*) *striata* (Rang).

„ (*Styliola*) *subula* (Quoy and Gaimard).

„ *pyramidata*, Linné.

Cuvierina columnella (Rang).

Cavolinia quadridentata (Lesueur).

„ *longirostris* (Lesueur).

„ *inflexa* (Lesueur).

CEPHALOPODA (Hoyle, Zool. pt. 44).

Sepioteuthis lessoniana, Férussac.

TUNICATA (Herdman, Zool. pt. 76).

Doliolum denticulatum, Quoy and Gaimard.

„ *challengeri*, n.sp.

In addition, the following are recorded in the note-books:—*Peridinium* (eleven individuals counted in one chain), many specimens of *Pyrocystis*, green spherical Algæ (*Halosphæra*), *Ethmodiscus* and other Diatoms, *Globigerina*, *Orbulina*, *Rotalia* attached to fragment of seaweed, several species of Radiolaria, yellow-haired Cœlenterate larva of Semper, several forms of oceanic Hydrozoa, many Echinoderm larvæ, *Sagitta*, *Alciopa*, *Phronima*, *Hyperia*, *Oxycephalus*, Squillid larvæ, *Phyllosoma* and many larvæ of the higher Peneid and Caridid Decapoda, several species of small shells, *Atlanta* and Pteropod shells sometimes very abundant, *Theceurybia* [= *Halopsyche*] *gaudichaudi*, Pteropod larvæ, *Salpa*, *Appendicularia*, many small fishes (young Macrurids, young of *Maurolicus* (?), and three very curious little fishes resembling Hooker's figure of *Ostracion boops* in the British Museum Catalogue), and eggs of fish with embryos.

Willemoes-Suhm writes: "Among a fine collection of Pteropods and Crustacea taken in the tow-net on the night of August 11-12, was a curious pigment larva, with a row of long yellow hairs, and with thread-cells in its skin, which has been figured by Semper as 'unbekannte Coelenteraten larve' in the *Zeitschr. f. wiss. Zool.*, Bd. xvii. pp. 407-411, 1867."