

*Xiphacantha ciliata*, Haeckel.  
*Dorataspis polypora*, Haeckel.  
*Zonaspis æquatorialis*, Haeckel.  
*Tessaraspis arachnoides*, Haeckel.  
*Lychnaspis giltshii*, Haeckel.  
*Icosaspis elegans*, Haeckel.  
*Phractopelta aspidomma*, Haeckel.  
*Belonaspis multiforis*, Haeckel.  
*Diploconus cotyliscus*, Haeckel.  
*Plagonium sphærozoum*, Haeckel.  
*Acanthodesmia mülleri*, Haeckel.  
*Prismatium tripodium*, Haeckel.  
*Litharachnium discoides*, Haeckel.  
*Carpocanistrum foscolum*, Haeckel.  
*Dictyophimus challengerii*, Haeckel.  
*Lithomelissa decacantha*, Haeckel.  
*Lithopera ananassa*, Haeckel.  
*Arachnocorys circumtexta*, Haeckel.  
*Carpocanium hexagonale*, Haeckel.

*Theopiliium triradiatum*, Haeckel.  
*Corocalyptra elisabethæ*, Haeckel.  
*Dictyocodon prometheus*, Haeckel.  
*Podocyrtilis argus*, Ehrenberg.  
*Cannobelos thalassoplaneta*, Haeckel.  
*Dictyocha stauroidon*, Ehrenberg.  
*Distephanus cruz*, Haeckel.  
*Sagmarium plegmosphærium*, Haeckel.  
*Aulosphæra coronata*, Haeckel.  
*Aulosцена pyramidalis*, Haeckel.  
*Aulonia hexagonia*, Haeckel.  
*Gorgonetta mirabilis*, Haeckel.  
*Castanella sloggetti*, Haeckel.  
*Castanidium buchani*, Haeckel.  
 „ *moseleyi*, Haeckel.  
*Castanissa challengerii*, Haeckel.  
*Castanopsis naresi*, Haeckel.  
*Conchidium argiope*, Haeckel.  
*Cælodendrum spinosissimum*, Haeckel.

## AMPHIPODA (Stebbing, Zool. pt. 67).

*Anchylomera* sp. (?).  
*Oxycephalus clausi*, Bovallius.  
*Rhabdosoma armatum* (M.-Edwards).

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

*Sergestes diapontius*, n.sp.

In addition, the following are recorded in the note-books :—Oscillatoriaceæ abundant, *Peridinium*, *Pyrocystis*, various Diatoms, some with *Vorticella* attached, *Globigerina*, *Orbulina*, *Hastigerina*, *Pullenia*, *Sphæroidina*, *Pulvinulina*, Medusæ, Siphonophoræ, *Sagitta*, Aphroditacean larvæ, *Copilia* and other Copepods abundant, Cypris stages of Cirripeds, Decapod larvæ, larval Lamellibranchs (mussels ?), pelagic Gasteropod with spiral shell, Pteropods and larvæ, *Doliolum*, and *Appendicularia*.

The following species are recorded from the surface of the South Atlantic and tropical Atlantic, the exact locality not being noted :—

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

*Peteinura gubernata*, n.g., n.sp.  
*Sergestes longirostris*, n.sp.  
*Lucifer typus*, Thompson.  
 „ *reynaudii*, M.-Edwards.

## ISOPODA.

Five specimens, genera and species undetermined.

## TUNICATA (Herdman, Zool. pt. 76).

*Pyrosoma* sp. (?).