

STATION 354.

Spongodruppa polyacantha, Haeckel.
Sethostylus hastatus, Haeckel.
Astrophacus trochiscus, Haeckel.
Amphicyelia amphistyla, Haeckel.
Amphymenium amphistylum, Haeckel.
Rhopalastrum martellum, Haeckel.
Euchitonia triangulum, Haeckel.
Larnacantha decacantha, Haeckel.
Amphipyle decaceros, Haeckel.
Octopyle tetrastyle, Haeckel.
Tholospira hystrix, Haeckel.
Acanthometron bulbosum, Haeckel.
 „ *catervatum*, Haeckel.
Acanthonia fragilis, Haeckel.
 „ *quadrangula*, Haeckel.
Lithophyllum cruciatum, Haeckel.
Xiphacantha quadridentata, Haeckel.
Acanthostaurus purpurascens, Haeckel.
 „ *forceps*, Haeckel.
Amphilonche tenuis, Haeckel.
 „ *tetraptera*, Haeckel.
Tessaraspis rotunda, Haeckel.
Icosaspis elegans, Haeckel.

MEDUSÆ (Haeckel, Zool. pt. 12).

Cunarcha æginoides, n.g., n.sp.

SIPHONOPHORÆ (Haeckel, Zool. pt. 77).

Bassia obeliscus, n.sp.

Arethusa challengerii, n.g., n.sp.

COPEPODA (Brady, Zool. pt. 23).

Euchæta prestandreæ, Philippi.

CIRRIPEDIA (Hoek, Zool. pt. 25).

Lepas anserifera, Linné.

AMPHIPODA (Stebbing, Zool. pt. 67).

Primno macropa, Guérin (?).

Phatnaspis loculata, Haeckel.
Hexaconus velatus, Haeckel.
Lithocircus decimalis, Haeckel.
 „ *magnificus*, Haeckel.
Anthospyris arachnoïdes, Haeckel.
Bathropyramis interrupta, Haeckel.
Sethopera oceania, Haeckel.
Sethophormis hexagonalis, Haeckel.
Acanthocorys umbellifera, Haeckel.
Arachnocorys circumtexta, Haeckel.
Carpocanium microdon, Ehrenberg.
Pleuropodium cortina, Haeckel.
Clathrocyclops danaëis, Haeckel.
Dictyocha navicula, Ehrenberg.
Challengeron balfouri, Murray.
Gazelletta cyrtoneuma, Haeckel.
Castanella channeri, Haeckel.
Castanidium murrayi, Haeckel.
Castanissa richardsi, Haeckel.
Castanopsis fergusonii, Haeckel.
Conchidium productum, Haeckel.
Cælothamnus bivalvis, Haeckel.

SCHIZOPODA (Sars, Zool. pt. 37).

Thysanoëssa gregaria, n.sp.

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

Sergestes atlanticus, M.-Edwards.

„ *longispinus*, n.sp.

„ *semiarms*, n.sp.

Latreutes ensiferus (M.-Edwards).

Acanthephyra purpurea, M.-Edwards.

BRACHYURA (Miers, Zool. pt. 49).

Neptunus (Neptunus) sayi, M.-
Edwards.

The tow-nets at the surface and down to 80 fathoms yielded:—*Ethmodiscus*, *Coscinodiscus*, and other Diatoms, *Orbulina*, compound Radiolaria, Medusæ, *Diphyes*, *Sagitta*, *Alciopa*, *Tomopteris*, *Cypridina*, *Copilia* and other Copepods, Hyperids, *Euphausia*, *Atlanta*, Pteropods, *Appendicularia*, *Doliolum*. Tow-nets were also sent down to 1000 and 1500 fathoms, and contained, in addition to the foregoing:—Challengeridæ and other Radiolaria, large *Cypridina*, large Phronimids, large red shrimps,