

Dorataspis typica, Haeckel.
Ceriaspis scrobiculata, Haeckel.
Tessaraspis irregularis, Haeckel.
Lychnaspis rottenburgii, Haeckel.
Icosaspis cruciata, Haeckel.
Hexaconus ciliatus, Haeckel.
Dendrocircus arborescens, Haeckel.
Protympanium primordiale, Haeckel.
Tetraspis tetracorethra, Haeckel.
Anthospiris aculeata, Haeckel.
Arachnocalpis sphaeroides, Haeckel.
Cornutella hexagona, Haeckel.
Cornutanna orthoconus, Haeckel.
Dictyophimus hertwigii, Haeckel.
Eucecryphalus halicalyptra, Haeckel.
Arachnocorys araneosa, Haeckel.
Carpocanium irregulare, Haeckel.
Sethoconus trochus, Haeckel.
 „ *pileus*, Haeckel.

Sethoconus rayianus, Haeckel.
 „ *setosus*, Haeckel.
Pterocorys campanula, Haeckel.
 „ *rhinoceros*, Haeckel.
Theopilium tricostratum, Haeckel.
Corocalyptra agnesæ, Haeckel.
Cannobelos calymmata, Haeckel.
Distephanus mesophthalmus, Haeckel.
Sagena pertusa, Haeckel.
Sagoscena debilis, Haeckel.
Aularia ternaria, Haeckel.
Gazelletta macronema, Haeckel.
 „ *orthonema*, Haeckel.
 „ *robusta*, Haeckel.
Castanella campbelli, Haeckel.
Castanidium willemoesi, Haeckel.
 „ *aldrichi*, Haeckel.
Conchidium terebratula, Haeckel.

NUDIBRANCHIATA (Bergh, Zool. pt. 26).

Glaucus atlanticus, Forster (infested by *Distoma glauci*).

In addition, the following are recorded in the note-books:—Foraminifera very abundant, especially *Pullenia obliquiloculata*, while *Globigerina*, *Sphaeroidina*, and *Pulvinulina* were also numerous; *Sagitta*, Copepods, Hyperids, larvæ of *Euphausia*, *Sergestes*, *Lucifer*, Pteropods, and *Appendicularia*. Long banks of compound Radiolaria were passed through, and several large *Salpæ* were seen. There was a good deal of phosphorescence in the wake of the ship.

The following species are recorded from the surface in the North Pacific and Central Pacific, the exact locality not being noted:—

COPEPODA (Brady, Zool. pt. 23).

Pontella securifer, n.sp.

AMPHIPODA (Stebbing, Zool. pt. 67).

Synopia schéeleana, Bovallius.
Phronimella elongata, Claus.
Brachyscelus acuticaudatus, n.sp.

STOMATOPODA (Brooks, Zool. pt. 45).

Alima gracilis, M.-Edwards (= larva of *Squilla*).

SCHIZOPODA (Sars, Zool. pt. 37).

Nematoscelis rostrata, n.g., n.sp.
Siriella thompsoni (M.-Edwards).
 „ *gracilis*, Dana.

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

Sergestes edwardsii, Krøyer.
 „ *præcollus*, n.sp.
 „ *spiniventralis*, n.sp.
 „ *utrinquedens*, n.sp.
Sciacaris sp. (?).
Lucifer typus, Thompson.
Caricyphus gibberosus, n.g., n.sp.