

STATION 274.

Spongophortis spongiosa, Haeckel.
Actinelius primordialis, Haeckel.
Litholophus ligurinus, Haeckel.
Acanthometron cylindricum, Haeckel.
 „ *bulbiferum*, Haeckel.
Zygacantha costata, Haeckel.
Acanthonia denticulata, Haeckel.
 „ *diplopyramis*, Haeckel.
Zygostaurus frontalis, Haeckel.
Amphilonche conica, Haeckel.
 „ *acufera*, Haeckel.
Acantholonche amphipolaris, Haeckel.
 „ *peripolaris*, Haeckel.
Pleuraspis amphihæcta, Haeckel.
Dorataspis typica, Haeckel.
Orophaspis furcata, Haeckel.
Ceriaspis favosa, Haeckel.
Coscinaspis rhacopora, Haeckel (?).
Lychnaspis maxima, Haeckel.
Icosaspis cruciata, Haeckel.
Dorypelta furcata, Haeckel.
Thoracaspis bipennis, Haeckel.
Dictyaspis compacta, Haeckel.
Phatnaspis quadratura, Haeckel.
Hexalaspis heliodiscus, Haeckel.
Hexacomus vaginatus, Haeckel.
Diplocolpus serratus, Haeckel.
Plagiacantha dodecantha, Haeckel.
Polyplagia septenaria, Haeckel.
Plectaniscus cladoscenum, Haeckel.
Periplecta pteroscenium, Haeckel.
 „ *monocyrtis*, Haeckel.
Dendrocircus arborescens, Haeckel.
Protympanium primordiale, Haeckel.
Petalospyris dictyocubus, Haeckel.
Anthospyris aculeata, Haeckel.

SIPHONOPHORÆ (Haeckel, Zool. pt. 77).

Diplophysa köllikeri, n.sp. (= eudoxia
 of *Sphæronectes köllikeri*,
 Huxley).

Litharachnium epeira, Haeckel.
Arachnocarpis ellipsoides, Haeckel.
Cornutella hexagona, Haeckel.
Cornutanna orthoconus, Haeckel.
Dictyophimus hertwigii, Haeckel.
Eucecryphalus halicalyptra, Haeckel.
Amphiplecta amphistoma, Haeckel.
Clathrotychmus araneosus, Haeckel.
Arachnocorys araneosa, Haeckel.
Carpocanium irregulare, Haeckel.
Sethocomus trochus, Haeckel.
 „ *pileus*, Haeckel.
 „ *facetus*, Haeckel.
Sethocyrtis pleuracantha, Haeckel.
Pterocorys campanula, Haeckel.
 „ *rhinoceros*, Haeckel.
Theopilium tricostatum, Haeckel.
Theophormis cruciata, Haeckel.
Clathrocyclas jovis, Haeckel.
Cecryphalium sestrodiscus, Haeckel.
Phæocola primordialis, Haeckel.
Cannobelos calymmata, Haeckel.
Mesocena octogona, Ehrenberg.
Aulacantha tubulosa, Haeckel.
Aulographis triglochis, Haeckel.
Sagena pertusa, Haeckel.
Sagoscena prætorium, Haeckel.
 „ *debilis*, Haeckel.
Aularia ternaria, Haeckel.
Gazelletta macronema, Haeckel.
 „ *orthonema*, Haeckel.
 „ *robusta*, Haeckel.
Castanella campbelli, Haeckel.
Castanidium willemoesi, Haeckel.
 „ *aldrichi*, Haeckel.

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

Sergestes oculatus, Krøyer.
 „ *armatus*, Krøyer.

In addition, the following are recorded in the note-books:—*Pyrocystis*, *Peridinium tripos*, Diatoms attached to Copepods and free or entangled in the sarcodæ of *Pulvinulina*, as well as Coccospheres, Coccoliths, and other minute organisms, Gregarinæ in the intestines of *Sagittæ*, Amœba and zoospores, *Globigerina*, *Orbulina*, *Pullenia*, *Sphæroidina*, *Pulvinulina* (the last-mentioned being especially abundant, and most of the specimens had the sarcodæ expanded), Medusæ, *Sagitta*, *Tomopteris*, *Alciopa*, *Cypridina*,