

TUNICATA (Herdman, Zool. pt 38).

STATION 75.

————— (?) *clava*, n.sp. One specimen without Ascidiozooids, therefore the genus is doubtful.

Excluding Protozoa, over 200 specimens of invertebrates were obtained in these dredgings, belonging to 128 species, of which 37 are new to science, including representative of 1 new genus; 22 of the new species were not obtained elsewhere.

From the shallower water (50 to 90 fathoms) about 90 specimens were obtained, belonging to 26 species, of which 6 were taken also in 450 fathoms; 5 of the species are new, of which 3 were taken also in 450 fathoms. From the deeper water (450 fathoms) about 120 specimens were obtained, belonging to 115 species, of which 36 are new.

The following species of Pteropoda, Heteropoda, and Diatoms were observed in the deposit from 450 fathoms (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.) :—

ORGANISMS FROM  
THE DEPOSIT.

PTEROPODA (Pelseneer, Zool. pt. 65).

*Limacina inflata* (d'Orbigny).  
*Peraclis bispinosa*, n.sp.  
*Clio (Styliola) subula* (Quoy and Gaimard).

*Clio pyramidata*, Linné.  
*Cavolinia trispinosa* (Lesueur).

HETEROPODA (Smith, Zool. pt. 72).

*Atlanta peronii*, Lesueur.  
,, *souleyeti*, Smith.

*Atlanta fusca*, Eydoux and Souleyet.

DIATOMACEÆ.—The following species of Diatoms were observed by Mr. Comber.

*Amphora proteus*, Gregory.  
,, *robusta*, Gregory.  
,, *gigantea*, Grunow.  
,, *littoralis*, Donkin.  
,, *crassa*, Gregory.  
*Navicula hennedyii*, W. Smith.  
,, *clavata*, Gregory.  
,, *lyra*, Ehrenberg.  
,, *gregoriana*, Greville.  
,, *prætexta*, Ehrenberg.  
,, *californica*, Greville.  
,, *rimosa*, Greville.  
,, *sandriana*, Grunow.  
,, *bullata*, Norman, var.  
,, *brasiliensis*, Grunow.  
,, *latissima*, Gregory.  
,, *maxima*, Gregory.  
,, *angulosa*, Gregory.  
,, *smithii*, Brebisson.

*Navicula mediterranea*, Grunow.  
,, *lineata*, Donkin.  
,, *fusca*, Ralfs.  
,, *didyma*, Kutzing.  
,, *multicostata*, Grunow.  
,, *bombus*, Kutzing.  
,, *incurvata*, Gregory.  
,, *constricta*, Grunow.  
,, *erecuta*, A. Schmidt.  
,, *forficula* (= *Pinnularia*, O'Meara).  
,, *campylodiscus*, Grunow.  
,, *aspera*, Ehrenberg.  
,, *consors*, A. Schmidt.  
,, *distans*, Ralfs.  
*Pleurosigma angulatum*, W. Smith.  
*Cocconeis scutellum*, Ehrenberg, and var.  
,, *pseudomarginata*, Gregory.  
*Orthonoëis splendida*, Grunow.  
*Achnanthes longipes*, Agardh.