

## STATION 272.

*Arachnocalpis ellipsoides*, Haeckel.  
*Cornutella hexagona*, Haeckel.  
*Cornutanna orthoconus*, Haeckel.  
*Dictyophimus hertwigii*, Haeckel.  
*Eucecryphalus halicalyptra*, Haeckel.  
*Arachnocorys araneosa*, Haeckel.  
*Carpocanium irregulare*, Haeckel.  
*Sethoconus trochus*, Haeckel.  
 „ *pileus*, Haeckel.  
 „ *rayianus*, Haeckel.  
 „ *facetus*, Haeckel.  
 „ *setosus*, Haeckel.  
*Pterocorys campanula*, Haeckel.  
 „ *rhinoceros*, Haeckel.  
*Theopilium tricostatum*, Haeckel.  
*Corocalyptra emmae*, Haeckel.  
*Theophormis senaria*, Haeckel.  
*Cecryphalium lamprodiscus*, Haeckel.  
*Phæocolla primordialis*, Haeckel.

*Cannobelos calymmata*, Haeckel.  
*Mesocena octogona*, Ehrenberg.  
*Distephanus mesophthalmus*, Haeckel.  
*Aulacantha tubulosa*, Haeckel.  
*Aulographis triglochis*, Haeckel.  
*Sagena pertusa*, Haeckel.  
*Sagoscena pratorium*, Haeckel.  
 „ *debilis*, Haeckel.  
*Aularia ternaria*, Haeckel.  
*Medusetta spiralis*, Haeckel.  
*Gazelletta macronema*, Haeckel.  
 „ *orthonema*, Haeckel.  
 „ *robusta*, Haeckel.  
*Castanarium lyelli*, Haeckel.  
*Castanella campbelli*, Haeckel.  
*Castanidium willemoesi*, Haeckel.  
 „ *aldrichi*, Haeckel.  
*Conchidium leptæna*, Haeckel.

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

*Phronima tenella*, n.sp.

The tow-nets procured mostly the same organisms as at the last few Stations, including:—*Pyrocystis*, Diatoms, many *Globigerinæ*, *Orbulina*, *Acanthometræ* and other Radiolaria, Copepods, *Lucifer*, and other Crustacea, small cuttle-fish. One of the Phæodaria (*Conchopsis*) was observed alive under the microscope; it threw out pseudopodia in the same manner as the Foraminifera. The large brown cells of the phæodium were turned round and round by the motions of the pseudopodia, which attached themselves to the glass and moved the whole shell.

## STATION 273.

**Station 273** (Sounding 415), Sandwich Islands to Tahiti (see Chart 38 and Diagram 19).

September 9, 1875; lat. 5° 11' S., long. 152° 56' W.

Temperature of air at noon, 79°·8; mean for the day, 79°·2.

Temperature of water:—

Surface,	. . .	80·7	90 fathoms,	. . .	71·9
10 fathoms,	. . .	80·4	100 „	. . .	68·2
20 „	. . .	80·0	110 „	. . .	64·0
30 „	. . .	79·5	120 „	. . .	59·8
40 „	. . .	79·4	130 „	. . .	56·5
50 „	. . .	79·3	140 „	. . .	54·3
60 „	. . .	79·2	150 „	. . .	52·6
70 „	. . .	78·5	160 „	. . .	51·7
80 „	. . .	75·8	170 „	. . .	50·7