

*Icosaspis cruciata*, Haeckel.  
*Dendrocircus arborescens*, Haeckel.  
*Protympanium primordiale*, Haeckel.  
*Anthospyris aculeata*, Haeckel.  
*Arachnocalpis sphaeroides*, Haeckel.  
*Cornutella hexagona*, Haeckel.  
*Tripocyrthis tripodiscus*, Haeckel.  
*Eucecryphalus halicalyptra*, Haeckel.  
*Carpocanium irregulare*, Haeckel.  
*Sethoconus trochus*, Haeckel.

*Sethoconus pileus*, Haeckel.  
 „ *rayianus*, Haeckel.  
 „ *setosus*, Haeckel.  
*Pterocorys campanula*, Haeckel.  
*Theopilium tricostatum*, Haeckel.  
*Cannobelos calymmata*, Haeckel.  
*Sagoscena debilis*, Haeckel.  
*Gazelletta robusta*, Haeckel.  
*Castanidium willemoesi*, Haeckel.

## SIPHONOPHORÆ (Haeckel, Zool. pt. 77).

*Cuneolaria incisa*, Eysenhardt (?).

## COPEPODA (Brady, Zool. pt. 23).

*Saphirina metallina*, Dana.

## CIRRIPEDIA (Hoek, Zool. pt. 25).

*Lepas hilli* (Leach). (From screw).

*Chthalamus challengerii*, n.sp. (From screw).

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

*Paraphronima cuivis*, n.sp.

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

*Mastigopus crassus* (Suhm, MS.), n.sp.

## PTEROPODA (Pelseneer, Zool. pt. 65).

*Cavolinia longirostris* (Lesueur).

## CEPHALOPODA (Hoyle, Zool. pt. 44).

*Chiroteuthis* (?) sp. (From stomach of shark).

## FISHES (Günther, Zool. pt. 78).

*Diplophos pacificus*, n.sp., (young).

In addition, the following are recorded in the note-books:—*Pyrocystis* (two forms), *Peridinium*, Diatoms, *Globigerina*, *Pullenia*, *Pulvinulina*, Echinoderm larvæ, *Sagitta*, Annelid larvæ, Zoëæ, various Pteropods, *Doliolum*, *Appendicularia*, and fish eggs. Sharks and flying fishes were seen, and several sharks were caught, having fish remains, parts of a large cuttle-fish, pieces of pork, rope, &c., in their stomachs; one of them had several specimens of *Echinorhynchus* in the intestine. The screw was taken up, after having been down for a long time, and on it were found small Balanids, a few specimens of *Lepas*, *Caprella*, and small polyps.

Station 270 (Sounding 412), Sandwich Islands to Tahiti (see Chart 38 and STATION 270. Diagram 19).

September 4, 1875; lat. 2° 34' N., long. 149° 9' W.

Temperature of air at noon, 81°·5; mean for the day, 78°·7.

(SUMMARY OF RESULTS CHALL. EXP.—1893.)