

## OSTRACODA (Brady, Zool. pt. 3).

*Halocypris atlantica*, Lubbock.,, *brevirostris*, Dana.,, *imbricata*, n.sp.

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

*Calanus propinquus*, n.sp.,, *tonsus*, n.sp.

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

*Paraphronima cuivis*, n.sp.

## SCHIZOPODA (Sars, Zool. pt. 37).

*Euphausia pellucida*, Dana.

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

*Cavolinia tridentata* (Forskål).

STATION 241.

In addition, the following are recorded in the note-books from the surface and down to 60 fathoms:—Diatoms, *Pyrocystis*, *Peridinium* (a few), *Globigerina*, *Orbulina*, *Hastigerina*, Medusæ, Siphonophoræ, *Bipinnaria*, Ophiurid and other Echinoderm larvæ, *Sagitta*, *Alciopa*, *Tomopteris*, *Saphirina* and other Copepods, Hyperids, *Phronima*, *Oxycephalus*, *Vibilia*, *Euphausia*, megalopæ, *Lucifer*, *Sergestes*, *Phyllosoma*, Zoëæ, Archizoëa, *Halobates*, *Atlanta*, *Pneumonoderma* and other Pteropods, transparent cuttle-fish, *Doliolum*, *Salpa*, *Appendicularia*. Many circular masses of *Lepas* attached around small bladders of a sea-weed, and a large log covered with *Lepas* and *Balanus*, passed the ship during the day,

**Station 242** (Sounding 384), Yokohama to Sandwich Islands (see Chart 36 and Diagram 17). STATION 242.

June 24, 1875; lat. 35° 29' N., long. 161° 52' E.

Temperature of air at noon, 70°·3; mean for the day, 70°·0.

Temperature of water:—

Surface,	68·5	400 fathoms,	39·6
25 fathoms,	62·9	500 "	38·2
50 "	60·7	600 "	37·4
75 "	58·3	700 "	36·9
100 "	56·0	800 "	36·5
125 "	54·1	900 "	36·3
150 "	52·2	1000 "	36·1
175 "	50·3	1100 "	35·9
200 "	48·3	1200 "	35·8
225 "	46·4	1300 "	35·7
250 "	44·4	1400 "	35·5
275 "	42·8	1500 "	35·3
300 "	41·6	Bottom,	35·1

Density at 60° F. at surface, 1·02590; bottom, 1·02560.

Depth, 2575 fathoms; deposit, Red Clay, containing only a trace of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).