

*Salpa cordiformis-zonaria*, aggregated form, two small specimens.

*runcinata-fusifformis*, aggregated form, one specimen.

September, 1874; between Api and Cape York, Australia.

*Appendicularia* sp., two large specimens.

October, 1874; off Mindanao, Philippine Islands.

*Salpa democratica-mucronata*, solitary form, two specimens.

October 27, 1874; Station 202; lat.  $8^{\circ} 32' 0''$  N., long.  $121^{\circ} 55' 0''$  E.; surf. temp.  $83^{\circ}$ .

*Salpa scutigera-confederata*, aggregated form, five specimens.

November 2, 1874; Station 204; lat.  $12^{\circ} 28' 0''$  N., long.  $122^{\circ} 15' 0''$  E.; surf. temp.  $84^{\circ}$ .

*Pyrosoma giganteum* (?), one small colony.

November 13, 1874; Station 205; off the Philippine Islands; lat.  $16^{\circ} 42' 0''$  N., long.  $119^{\circ} 22' 0''$  E.; surf. temp.  $82^{\circ}$ .

*Salpa runcinata-fusifformis*, aggregated form (?), four specimens.

Between Hong-Kong and New Guinea the following were obtained:—

January 9, 1875; lat.  $16^{\circ} 35' 0''$  N., long.  $117^{\circ} 47' 0''$  E.; surf. temp.  $76^{\circ} \cdot 5$ .

*Salpa runcinata-fusifformis*, aggregated form, eight specimens.

February 1875; north of New Guinea, West Pacific; surface.

*Salpa runcinata-fusifformis*, solitary form, two specimens.

Between New Guinea and Japan the following were obtained:—

March 1, 1875; Station 218; lat.  $2^{\circ} 33' 0''$  S., long.  $144^{\circ} 4' 0''$  E.; depth, 1070 fathoms; surf. temp.  $84^{\circ}$ , bottom temp.  $36^{\circ} \cdot 4$ ; bottom, blue mud, trawled.

*Octacnemus bythius*, one specimen.

March 16, 1875; Station 222; north of the Admiralty Islands, West Pacific; surface; lat.  $2^{\circ} 15' 0''$  N., long.  $146^{\circ} 16' 0''$  E.; surf. temp.  $82^{\circ} \cdot 8$ .

*Pyrosoma elegans* (?), four small colonies.

sp. (?), two young colonies.

*Salpa cordiformis-zonaria*, aggregated form, one specimen.

do. solitary form, two specimens.

*runcinata-fusifformis*, aggregated form, six specimens.

do. solitary form, five specimens.

*democratica-mucronata* (?), one specimen.

*cylindrica*, solitary form, one specimen.

*nitida*, n. sp., one specimen.

April 3, 1875; Pacific; surface; lat.  $24^{\circ} 49' 0''$  N., long.  $138^{\circ} 34' 0''$  E.; surf. temp.  $71^{\circ} \cdot 5$ .

*Doliolum affine*, n. sp., half-a-dozen specimens.

*Salpa cordiformis-zonaria*, aggregated form, one specimen.

April 4, 1875; Pacific; lat.  $25^{\circ} 33' 0''$  N., long.  $137^{\circ} 57' 0''$  E.; surf. temp.  $69^{\circ}$ .

*Doliolum affine*, n. sp., two dozen specimens.