

April 5, 1875; Station 230; Pacific; lat. $26^{\circ} 29' 0''$ N., long. $137^{\circ} 57' 0''$ E.; surf. temp. $68^{\circ} \cdot 5$.

Pyrosoma elegans (?), one small colony.

Salpa costata-tilesii, solitary form, one specimen.

cylindrica (?), one specimen.

May 12, 1875; Station 232; lat. $35^{\circ} 11' 0''$ N., long. $139^{\circ} 28' 0''$ E.; surf. temp. $64^{\circ} \cdot 2$.

Salpa runcinata-fusiformis, aggregated form, one specimen.

Date (?); between Papua and Japan.

Cyclosalpa pinnata, solitary form, one specimen.

June 5, 1875; Station 236; lat. $34^{\circ} 58' 0''$ N., long. $139^{\circ} 29' 0''$ E.; surf. temp. $66^{\circ} \cdot 5$.

Salpa cordiformis-zonaria, aggregated form, one specimen.

Between Japan and the Sandwich Islands the following were obtained :—

June 17, 1875; Station 237, North Pacific; lat. $34^{\circ} 37' 0''$ N., long. $140^{\circ} 32' 0''$ E.; surf. temp. 73° .

Doliolum affine, n. sp., 100 specimens.

challengeri, n. sp., many specimens.

June 18, 1875; Station 238, North Pacific; lat. $35^{\circ} 18' 0''$ N., long. $144^{\circ} 8' 0''$ E.; surf. temp. $70^{\circ} \cdot 5$.

Doliolum challengeri, n. sp., very many specimens.

June 19, 1875; Station 239, North Pacific; lat. $35^{\circ} 18' 0''$ N., long. $147^{\circ} 9' 0''$ E.; surf. temp. $70^{\circ} \cdot 2$.

Doliolum challengeri, n. sp., very many specimens.

June 24, 1875; Station 242, North Pacific; lat. $35^{\circ} 29' 0''$ N., long. $161^{\circ} 52' 0''$ E.; surf. temp. $68^{\circ} \cdot 5$.

Doliolum challengeri, n. sp., very many specimens.

July 21, 1875; Station 256; lat. $30^{\circ} 22' 0''$ N., long. $154^{\circ} 56' 0''$ W.; surf. temp. 74° ; at night.

Salpa runcinata-fusiformis, solitary form, three specimens.

Between the Sandwich Islands and Valparaiso the following were obtained :—

August 24, 1875; surface; at night; lat. $13^{\circ} 1' 0''$ N., long. $151^{\circ} 50' 0''$ W.; surf. temp. $78^{\circ} \cdot 2$.

Salpa hexagona, aggregated form, three specimens.

September, 1875; near reefs, Tahiti; surface.

Appendicularia sp., many small specimens.

October 18, 1875; lat. $36^{\circ} 0' 0''$ S., long. $132^{\circ} 22' 0''$ W.; surf. temp. $58^{\circ} \cdot 5$.

Salpa costata-tilesii, solitary form, one specimen.

October 19, 1875; Station 287; lat. $36^{\circ} 32' 0''$ S., long. $132^{\circ} 52' 0''$ W.; surf. temp. $57^{\circ} \cdot 8$.

Doliolum affine, n. sp., fifteen specimens.