

March 13, 1874; Station 160; lat. $42^{\circ} 42' 0''$ S., long. $134^{\circ} 10' 0''$ E.; surf. temp. 55° .

Pyrosoma sp., one specimen and fragments.

Between Melbourne and New Zealand the following were obtained:—

April 2, 1874; Station 162; off East Monocœur Island, Bass Strait; lat. $39^{\circ} 10' 30''$ S., long. $146^{\circ} 37' 0''$ E.; surf. temp. $63^{\circ} \cdot 2$.

Doliolum denticulatum, two specimens.

sp. (blastozoid), twenty specimens.

Salpa democratica-mucronata, solitary form, 140 specimens.

do. aggregated form, 500 specimens.

June 3, 1874; Station 163B; off Port Jackson; surface; lat. $33^{\circ} 51' 15''$ S., long. $151^{\circ} 22' 15''$ E.; surf. temp. 69° .

Doliolum denticulatum (?), one specimen.

Salpa democratica-mucronata, solitary form, two specimens.

June 15, 1874; between Sydney and Wellington; surface; lat. $34^{\circ} 6' 0''$ S., long. $155^{\circ} 12' 0''$ E.; surf. temp. $62^{\circ} \cdot 7$.

Salpa democratica-mucronata, solitary form, two specimens.

June 17, 1874; Station 165; between Sydney and Wellington; lat. $34^{\circ} 50' 0''$ S., long. $155^{\circ} 28' 0''$ E.; surf. temp. $64^{\circ} \cdot 5$.

Doliolum ehrenbergi, one specimen.

Salpa democratica-mucronata, solitary form, two specimens.

do. aggregated form, three specimens.

June 23, 1874; Station 166; lat. $38^{\circ} 50' 0''$ S., long. $169^{\circ} 20' 0''$ E.; surf. temp. $58^{\circ} \cdot 5$.

Salpa costata-tilesii, solitary form, one specimen.

cordiformis-zonaria, solitary form, two specimens.

Between New Zealand and the Fiji Islands the following were obtained:—

July 8, 1874; Station 168; lat. $40^{\circ} 28' 0''$ S., long. $177^{\circ} 43' 0''$ E.; surf. temp. $57^{\circ} \cdot 2$.

Salpa costata-tilesii, solitary form, one specimen.

sp., n. sp. (?), one specimen (test only).

July 14, 1874; Station 170; lat. $29^{\circ} 55' 0''$ S., long. $178^{\circ} 14' 0''$ W.; depth, 520 fathoms; surf. temp. 65° , bottom temp. 43° .

Pyrosoma sp. (?), one colony.

Between the Fiji Islands and Hong-Kong, China, the following were obtained:—

August 11–12, 1874; off Kandavu, Fiji; surface; surf. temp. $77^{\circ} \cdot 5$.

Doliolum denticulatum, one specimen.

challengeri, several specimens.

August 25, 1874; Station 181; lat. $13^{\circ} 50' 0''$ S., long. $151^{\circ} 49' 0''$ E.; surf. temp. 80° .

Salpa cylindrica, solitary form (?), six specimens.