

October 20, 1875; lat. $38^{\circ} 54' 0''$ S., long. $133^{\circ} 21' 0''$ W.; surf. temp. $55^{\circ} \cdot 5$.

Salpa runcinata-fusifformis, aggregated form, three specimens.

October 21, 1875; Station 288, South Pacific; surface; lat. $40^{\circ} 3' 0''$ S., long. $132^{\circ} 58' 0''$ W.; surf. temp. $54^{\circ} \cdot 5$.

Salpa echinata, n. sp., two specimens.

October 26, 1875; lat. $39^{\circ} 13' 0''$ S., long. $121^{\circ} 0' 0''$ W.; surf. temp. $53^{\circ} \cdot 8$.

Doliolum sp. (blastozoid), two specimens.

November 5, 1875; Station 295, South Pacific; surface; at night; lat. $38^{\circ} 7' 0''$ S., long. $94^{\circ} 4' 0''$ W.; surf. temp. $58^{\circ} \cdot 5$.

Salpa echinata, n. sp., one specimen.

runcinata-fusifformis, aggregated form, four specimens.

do. solitary form, five specimens.

democratica-mucronata, aggregated form, one specimen.

do. solitary form, one specimen.

cylindrica, solitary form, five specimens.

do. aggregated form, five specimens.

November 6, 1875; South Pacific; night; lat. $37^{\circ} 50' 0''$ S., long. $93^{\circ} 54' 0''$ W.; surf. temp. $59^{\circ} \cdot 7$.

Salpa mollis, n. sp., one specimen.

runcinata-fusifformis, aggregated form, one specimen.

democratica-mucronata, solitary form, two specimens.

scutigera-confæderata, one specimen.

November 8, 1875; South Pacific; surface; lat. $37^{\circ} 56' 0''$ S., long. $90^{\circ} 39' 0''$ W.; surf. temp. $58^{\circ} \cdot 7$.

Salpa runcinata-fusifformis, aggregated form, one specimen.

November 18, 1875; South Pacific; surface; lat. $34^{\circ} 9' 0''$ S., long. $72^{\circ} 32' 0''$ W.; surf. temp. $57^{\circ} \cdot 8$.

Salpa democratica-mucronata, solitary form, one specimen.

do. aggregated form, eight specimens.

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

December 14, 1875; Station 299; lat. $33^{\circ} 31' 0''$ S., long. $74^{\circ} 43' 0''$ W.; depth, 2170 fathoms; surf. temp. 62° , bottom temp. $35^{\circ} \cdot 2$.

Octacnemus bythius (?), one specimen.

December 14 and 15, 1875; off Valparaiso.

Doliolum krohni, n. sp., about thirty specimens.

December 15, 1875; Pacific; surface; lat. $33^{\circ} 12' 0''$ S., long. $76^{\circ} 29' 0''$ W.; surf. temp. $62^{\circ} \cdot 5$.

Salpa democratica-mucronata, solitary form, several specimens.

January 1, 1876; Station 305; lat. $47^{\circ} 47' 0''$ S., long. $74^{\circ} 47' 0''$ W.; surf. temp. $55^{\circ} \cdot 5$.

Salpa cordiformis-zonaria, aggregated form, one specimen.