

PLATE VI.

Figs. 1-4. *Salpa musculosa*, n. sp.

Figs. 5-12. *Salpa runcinata-fusifformis*.

at. Atrial aperture.
at.m. Atrial muscles.
br.m. Branchial muscles.
c.gr. Ciliated grooves on dorsal lamina.
d.l. Dorsal lamina.
d.m. Dorsal muscles.
d.t. Dorsal tubercle.
emb. Embryo.

en. Endostyle.
m.b. and } Muscle bands.
 1-10. }
n.g. Nerve ganglion.
pig. Pigment.
p.p. Peripharyngeal bands.
visc. Visceral mass.

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- Fig. 1. *Salpa musculosa*, from the ventral surface; natural size.
 Fig. 2. Outline of section of same; natural size.
 Fig. 3. Dissection of same, showing the muscle bands and various organs; slightly enlarged.
 Fig. 4. Anterior part of last; more enlarged.
 Fig. 5. *Salpa runcinata-fusifformis*, aggregated form, from Antarctic, Station 152; seen from dorsal surface; natural size.
 Fig. 6. *Salpa runcinata-fusifformis*, aggregated form, variety, from North Atlantic, April 26, 1876; natural size.
 Fig. 7. Same species, dissection of anterior dorsal part; $\times 2$.
 Fig. 8. Part of dorsal lamina ("gill") of solitary form of same species (S. 1).
 Fig. 9. Small part of edge of last; highly magnified to show ciliated grooves, etc. (S. $\frac{1}{8}$).
 Fig. 10. Ciliated cells from last.
 Fig. 11. Dorsal tubercle and neighbouring parts of *Salpa runcinata-fusifformis*, aggregated form (S. 1).
 Fig. 12. Arrangement of muscle bands in *Salpa runcinata-fusifformis*, aggregated form; from South Atlantic, February 12, 1876 (S. 1).