

PLATE XI.

Colella thomsoni, n. sp.

<p><i>emb.</i> A bud. <i>en.</i> Endostyle. <i>h.m.</i> Horizontal membrane of branchial sac. <i>l.</i> Dorsal languet.</p>	<p><i>l.v.</i> Fine longitudinal vessels of branchial sac. <i>m.</i> Mantle. <i>m.b.</i> Muscle band in mantle. <i>p.p.</i> Peripharyngeal band.</p>	<p><i>r.</i> Rectum. <i>sg.</i> Stigmata of branchial sac. <i>t.c.</i> Test cells. <i>t.m.</i> Test matrix. <i>tr.</i> Transverse vessel of branchial sac.</p>
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- Fig. 1. Section through the test of *Colella thomsoni*; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 2. Part of the body of the Ascidiozoid, seen from the right hand side; magnified (S., 1 inch).
- Fig. 3. Part of the mantle and endostyle, showing the arrangement of the muscle bands; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 4. Surface view of the ectoderm of *Colella thomsoni*; highly magnified (S., $\frac{1}{6}$ inch).
- Fig. 5. Part of the branchial sac; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 6. A small portion of the branchial sac; more highly magnified (S., $\frac{1}{6}$ inch).
- Fig. 7. Another small portion of the branchial sac; still more highly magnified (S., $\frac{1}{6}$ inch, enlarged).
- Fig. 8. The anterior part of the endostyle; magnified (S., 1 inch).
- Fig. 9. Part of the dorsal region of the branchial sac, showing two of the languets; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 10. The same region in another specimen, showing the languets; highly magnified (S., $\frac{1}{4}$ inch).