

PLATE VII.

Colella pedunculata, Quoy and Gaimard.

- Fig. 1. Section through the test, mantle, and endostyle of an Ascidiozoid; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 2. The anterior end of an Ascidiozoid, seen from the branchial sac; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 3. One of the dorsal languets, seen from the side; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 4. Part of one of the tentacles; more highly magnified (S., $\frac{1}{6}$ inch).
- Fig. 5. The nerve ganglion; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 6. The anterior dorsal region of an Ascidiozoid, showing the dorsal tubercle, tentacles, &c.; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 7. Part of an Ascidiozoid from the right hand side, showing the reproductive organs and incubatory pouch; magnified (S., 1 inch).
- Fig. 8. Part of the intestine and the ovary; magnified (S., 1 inch).
- Fig. 9. Part of the reproductive organs; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 10. Young ova; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 11. Mature ovum; highly magnified (S., $\frac{1}{8}$ inch).
- Fig. 12. Young incubatory pouch with two embryos; magnified (S., 1 inch).
- Fig. 13. Older incubatory pouch with a number of embryos and larvæ; magnified (S., 1 inch).
- Fig. 14. Fully developed incubatory pouch, with contained embryos and larvæ; magnified (S., 1 inch).