

PLATE V.

Colella pedunculata, Quoy and Gaimard.

at. Atrial aperture.
br. Branchial aperture.
en. Endostyle.

i. Intestine.
n.p. Incubatory pouch.
o. Ovary.

st. Stomach.
v.ap. Vascular appendage.

- Fig. 1. Colony of *Colella pedunculata*, Quoy and Gaimard ; natural size.
- Fig. 2. Head of another colony of *Colella pedunculata* ; natural size.
- Fig. 3. Part of head of another colony of *Colella pedunculata* ; natural size.
- Fig. 4. Lower end of peduncle of *Colella pedunculata* ; natural size.
- Fig. 5. Lower end of peduncle of another colony of *Colella pedunculata* ; natural size.
- Fig. 6. Vertical section of head of *Colella pedunculata* ; natural size.
- Fig. 7. Transverse section through upper end of head of *Colella pedunculata* ; natural size.
- Fig. 8. Transverse section through middle of head of *Colella pedunculata* ; natural size.
- Fig. 9. Transverse section through lower end of head of *Colella pedunculata* ; natural size.
- Fig. 10. Part of the peduncle of *Colella pedunculata* ; slightly enlarged.
- Fig. 11. Some Ascidiozooids from the head of *Colella pedunculata* ; natural size.
- Fig. 12. Some incubatory pouches from the head of *Colella pedunculata* ; natural size.
- Fig. 13. An Ascidiozoid of *Colella pedunculata*, with the incubatory pouch, seen from the left hand side ; magnified (S., 1 inch).
- Fig. 14. Part of the test from the head of *Colella pedunculata* ; magnified (S., 1 inch).
- Fig. 15. Small part of the test from the head of *Colella pedunculata* ; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 16. Part of a section of the test of *Colella pedunculata*, from the centre of the head ; magnified (S., 1 inch).
- Fig. 17. Part of a section of the test of the outer part of the head of *Colella pedunculata*, showing the outer surface ; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 18. Some of the large branched cells from the test of *Colella pedunculata* ; highly magnified (Z., $\frac{1}{2}$).