

## PLATE XXIX.

Figs. 1-5. *Amaroucium globosum*, n. sp.

Fig. 6. *Amaroucium variabile*, var. *tenerum*, nov.

Figs. 7-12. *Amaroucium variabile*, n. sp.

Figs. 13-15. *Amaroucium recumbens*, n. sp.

<p><i>at.</i> Atrial aperture.  <i>at.l.</i> Atrial languet.  <i>br.</i> Branchial aperture.  <i>en.</i> Endostyle.  <i>h.m.</i> Horizontal membrane of branchial sac.  <i>i.</i> Intestine.</p>	<p><i>l.v.</i> Fine longitudinal vessels of branchial sac.  <i>œ.</i> Oesophagus.  <i>p.ab.</i> Post-abdomen.  <i>r.</i> Rectum.  <i>st.</i> Stomach.  <i>t.c.</i> Test cells.</p>	<p><i>th.</i> Thorax.  <i>t.m.</i> Test matrix.  <i>tr.</i> Transverse vessel of branchial sac.  <i>t.v.</i> Spermatic vesicles.  <i>v.ap'</i> Rudimentary vascular appendages  <i>v.d.</i> Vas deferens.</p>
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- Fig. 1. Large colony of *Amaroucium globosum*; natural size.
- Fig. 2. Smaller colony of *Amaroucium globosum*; natural size.
- Fig. 3. Part of branchial sac of *Amaroucium globosum*, from the smaller colony; magnified (S., 1 inch).
- Fig. 4. Ascidiozoid of *Amaroucium globosum*, seen from left side; magnified (S., 1 inch).
- Fig. 5. Part of male reproductive organs of *Amaroucium globosum*; highly magnified (S.,  $\frac{1}{4}$  inch).
- Fig. 6. Colonies of *Amaroucium variabile*, var. *tenerum*; natural size.
- Fig. 7. Colony of *Amaroucium variabile*; natural size. The specimen figured belonged to the brown variety.
- Fig. 8. Section of the test of *Amaroucium variabile*; highly magnified (S.,  $\frac{1}{6}$  inch). This section was taken from a specimen of the brown variety.
- Fig. 9. Ascidiozoid of *Amaroucium variabile*, seen from right side; magnified (S., 1 inch).
- Fig. 10. Anterior end of Ascidiozoid of *Amaroucium variabile*, seen from right side, showing apertures and atrial languet; magnified (S., 1 inch, enlarged).
- Fig. 11. Transverse section of post-abdomen of *Amaroucium variabile*; magnified (S., 1 inch).
- Fig. 12. Transverse section of stomach of *Amaroucium variabile*, showing numerous folds; highly magnified (S.,  $\frac{1}{4}$  inch).
- Fig. 13. Colony of *Amaroucium recumbens*; natural size.
- Fig. 14. Part of branchial sac of *Amaroucium recumbens*; magnified (S., 1 inch).
- Fig. 15. Ascidiozoid of *Amaroucium recumbens*, seen from right side; magnified (S., 1 inch).