

PLATE XXX.

Figs. 1-7. *Amaroucium irregulare*, n. sp.

Fig. 8. *Amaroucium irregulare*, var. *concinnum*, nov.

Figs. 9-11. *Amaroucium pallidulum*, n. sp.

Figs. 12-15. *Amaroucium lævigatum*, n. sp.

Figs. 16, 17. *Amaroucium complanatum*, n. sp.

<p><i>abd.</i> Abdomen. <i>at.l.</i> Atrial languet. <i>br.</i> Branchial aperture. <i>en.</i> Endostyle. <i>h.m.</i> Horizontal membrane of branchial sac.</p>	<p><i>i.</i> Intestine. <i>l.v.</i> Fine longitudinal vessels of branchial sac. <i>æ.</i> Oesophagus. <i>p.abd.</i> Post-abdomen. <i>r.</i> Rectum.</p>	<p><i>sg.</i> Stigmata of branchial sac. <i>st.</i> Stomach. <i>t.c.</i> Test cells. <i>th.</i> Thorax. <i>t.m.</i> Test matrix. <i>tr.</i> Transverse vessel of branchial sac.</p>
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- Fig. 1. Colony of *Amaroucium irregulare*; natural size.
- Fig. 2. Another colony of *Amaroucium irregulare*; natural size.
- Fig. 3. Ascidiozoid of *Amaroucium irregulare*, seen from left side; magnified (S., 1 inch).
- Fig. 4. Part of branchial sac of *Amaroucium irregulare*; magnified (S., 1 inch, enlarged).
- Fig. 5. Stomach of *Amaroucium irregulare*, seen in optical section; magnified (S., 1 inch, enlarged).
- Fig. 6. Alimentary canal of *Amaroucium irregulare*; magnified (S., 1 inch, enlarged).
- Fig. 7. Transverse section of abdomen of *Amaroucium irregulare*, showing folds in stomach and rectum; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 8. Colony of *Amaroucium irregulare*, var. *concinnum*; natural size.
- Fig. 9. Colony of *Amaroucium pallidulum*; natural size.
- Fig. 10. Part of branchial sac of *Amaroucium pallidulum*; magnified (S., 1 inch).
- Fig. 11. Larva of *Amaroucium pallidulum*; magnified (S., 1 inch).
- Fig. 12. Colony of *Amaroucium lævigatum*; natural size.
- Fig. 13. Ascidiozoid of *Amaroucium lævigatum*, seen from right side; magnified (S., 1 inch).
- Fig. 14. Part of branchial sac of *Amaroucium lævigatum*; highly magnified (S., $\frac{1}{8}$ inch).
- Fig. 15. Section of test of *Amaroucium lævigatum*; highly magnified (S., $\frac{1}{8}$ inch), showing arrangement of modified test cells (*t.c.*).
- Fig. 16. Colony of *Amaroucium complanatum*; natural size.
- Fig. 17. Part of branchial sac of *Amaroucium complanatum*; magnified (S., 1 inch, enlarged).