

PLATE XXV.

Figs. 1-3. *Morchellium giardi*, n. sp.

Figs. 4-6. *Sidnyum pallidum*, n. sp.

Figs. 7-9. *Polyclinum molle*, n. sp.

Figs. 10-12. *Polyclinum minutum*, n. sp.

Figs. 13, 14. *Amaroucium hepaticum*, n. sp.

Figs. 15, 16. *Aplidium crassum*, n. sp.

<i>at.</i> Atrial aperture.	<i>o.</i> Ova.	<i>st.</i> Stomach.
<i>ab.</i> Abdomen.	<i>α.</i> Œsophagus.	<i>t.c.</i> Test cells.
<i>bl.</i> Bladder cell.	<i>p.ab.</i> Post-abdomen.	<i>th.</i> Thorax.
<i>br.l.</i> Lobe of branchial aperture.	<i>r.</i> Rectum.	<i>t.k.</i> Terminal bulb on vessel in test.
<i>en.</i> Endostyle.	<i>sg.</i> Stigmata of branchial sac.	<i>tr.</i> Transverse vessel of branchial sac.
<i>h.m.</i> Horizontal membrane of branchial sac.	<i>sg.c.</i> Ciliated cells bounding stigmata of branchial sac.	<i>t.v.</i> Spermatic vesicles.
<i>i.</i> Intestine.	<i>sph.</i> Sphincter.	<i>v.</i> Vessel in test.
<i>m.f.</i> Muscle fibres.		<i>v.d.</i> Vas deferens.

Fig. 1. Colony of *Morchellium giardi*; natural size.

Fig. 2. Part of branchial sac of *Morchellium giardi*; magnified (S., 1 inch).

Fig. 3. Stomach of *Morchellium giardi*, showing irregular thickening of wall; magnified (S., 1 inch).

Fig. 4. Colony of *Sidnyum pallidum*; natural size.

Fig. 5. Part of branchial sac of *Sidnyum pallidum*; magnified (S., 1 inch).

Fig. 6. Ascidiozoid of *Sidnyum pallidum*, from left side; magnified (S., 1 inch).

Fig. 7. Colony of *Polyclinum molle*; natural size.

Fig. 8. Part of branchial sac of *Polyclinum molle*; highly magnified (S., $\frac{1}{8}$ inch).

Fig. 9. Ascidiozoid of *Polyclinum molle*, seen from right side; magnified (S., 1 inch).

Fig. 10. Colony of *Polyclinum minutum*; natural size.

Fig. 11. Ascidiozoid of *Polyclinum minutum*, seen from right side; magnified (S., 1 inch).

Fig. 12. Part of branchial sac of *Polyclinum minutum*; highly magnified (S., $\frac{1}{8}$ inch).

Fig. 13. Part of slice of colony of *Amaroucium hepaticum*; natural size.

Fig. 14. Part of branchial sac of *Amaroucium hepaticum*; highly magnified (S., $\frac{1}{8}$ inch).

Fig. 15. Colony of *Aplidium crassum*; natural size.

Fig. 16. Part of section of test of *Aplidium crassum*; highly magnified (S., $\frac{1}{8}$ inch).