

PLATE XXVI.

Figs. 1-4. *Polyclinum pyriforme*, n. sp.

Figs. 5-7. *Polyclinum depressum*, n. sp.

Figs. 8, 9. *Aplidium fumigatum*, n. sp.

Fig. 10. *Polyclinum incertum*, n. sp.

Figs. 11, 12. *Amaroucium albidum*, n. sp.

*ab.* Abdomen.  
*at.* Atrial aperture.  
*br.* Branchial aperture.  
*en.* Endostyle.  
*h.m.* Horizontal membrane of branchial sac.  
*i.* Intestine.

*i'*. Constriction between intestine and rectum.  
*l.* Dorsal languet.  
*m.f.* Muscle fibres.  
*w.* Oesophagus.  
*p.ab.* Post-abdomen.  
*r.* Rectum.

*sg.* Stigmata of branchial sac.  
*st.* Stomach.  
*t.c.* Test cells.  
*t.c'*. Modified test cells.  
*th.* Thorax.  
*t.m.* Test matrix.  
*tr.* Transverse vessel of branchial sac.  
*v.d.* Vas deferens.

Fig. 1. Colony of *Polyclinum pyriforme*; natural size.

Fig. 2. Part of branchial sac of *Polyclinum pyriforme*; highly magnified (S.,  $\frac{1}{4}$  inch).

Fig. 3. Part of dorsal edge of branchial sac of *Polyclinum pyriforme*, showing languets; highly magnified (S.,  $\frac{1}{4}$  inch).

Fig. 4. Ascidiozoid of *Polyclinum pyriforme*, seen from right side; magnified (S., 1 inch).

Fig. 5. Colony of *Polyclinum depressum*, seen from upper surface; natural size.

Fig. 6. Ascidiozoid of *Polyclinum depressum*, seen from left side; magnified (S., 1 inch).

Fig. 7. Another Ascidiozoid of *Polyclinum depressum*, seen from right side; magnified (S., 1 inch).

Fig. 8. Colony of *Aplidium fumigatum*; natural size.

Fig. 9. Part of test of *Aplidium fumigatum*; highly magnified (S.,  $\frac{1}{8}$  inch).

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

Fig. 11. Colony of *Amaroucium albidum*; natural size.

Fig. 12. Part of section of colony of *Amaroucium albidum*, showing transverse sections of the post-abdomen of Ascidiozooids; magnified (S., 1 inch).