

PLATE XXI.

Pharyngodictyon mirabile, n. sp.

<i>i.l.</i> Internal longitudinal bar of branchial sac. <i>m.f.</i> Muscle fibres.	<i>tr.</i> Transverse vessel of branchial sac. <i>t.c.</i> Test cells. <i>t.m.</i> Test matrix.	<i>t.v.</i> Spermatic vesicles. <i>v.d.</i> Vas deferens.
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- Fig. 1. Colony of *Pharyngodictyon mirabile*; natural size.
- Fig. 2. Another colony of *Pharyngodictyon mirabile*; natural size.
- Fig. 3. Two colonies of *Pharyngodictyon mirabile*; natural size.
- Fig. 4. Ascidiozoid of *Pharyngodictyon mirabile*; slightly enlarged.
- Fig. 5. Ascidiozoid of *Pharyngodictyon mirabile*, seen from left side; magnified (S., 1 inch).
- Fig. 6. Section through test of *Pharyngodictyon mirabile*; highly magnified (S., $\frac{1}{8}$ inch).
- Fig. 7. Section through part of colony of *Pharyngodictyon mirabile*, to show arrangement of Ascidiozooids; magnified (S., 1 inch).
- Fig. 8. Part of mantle of *Pharyngodictyon mirabile*, showing muscle bands; magnified (S., 1 inch).
- Fig. 9. Muscle band, from mantle; highly magnified (S., $\frac{1}{8}$ inch).
- Fig. 10. Muscle fibre, from mantle; more highly magnified (Z., $\frac{1}{12}$).
- Fig. 11. Another muscle fibre, from mantle; highly magnified (Z., $\frac{1}{12}$).
- Fig. 12. Part of branchial sac of *Pharyngodictyon mirabile*; magnified (S., 1 inch).
- Fig. 13. Edge of a vessel, from branchial sac; highly magnified (S., $\frac{1}{8}$ inch).
- Fig. 14. Tentacle of *Pharyngodictyon mirabile*, seen from side; magnified (S., 1 inch).
- Fig. 15. Small part of tentacle of *Pharyngodictyon mirabile*, seen from side; highly magnified (S., $\frac{1}{8}$ inch).
- Fig. 16. Anterior extremity of endostyle of *Pharyngodictyon mirabile*; magnified (S., 1 inch).
- Fig. 17. Part of male reproductive organs of *Pharyngodictyon mirabile*; magnified (S., 1 inch).
- Fig. 18. Oblique section through post-abdomen of Ascidiozoid of *Pharyngodictyon mirabile*; magnified (S., 1 inch).