

PLATE XIV.

	PAGE
Figs. 1-8. <i>Pilochrota haeckeli</i> ,	120
Figure 1. Sponge; nat. size.	
„ 2-6. Spicules—	
Fig. 2. Oxea; × 34.	Fig. 5. Anthaster; × 430.
„ 3. Orthotriene; × 34.	„ 6. Chiaster; × 430.
„ 4. Anatriene; × 34.	
„ 7. Section through the outer part of the cortex in the neighbourhood of a chone; × 180.	
„ 8. One of a cluster of cells; × 430.	
Figs. 9-15. <i>Pilochrota crassispicula</i> ,	128
„ 9. Sponge; nat. size.	
„ 10-13. Spicules—	
Fig. 10. Oxea; × 34.	Fig. 12. Anthaster; × 430.
„ 11. Orthotriene; × 34.	„ 13. Chiaster; × 430.
„ 14. Section through part of the cortex and choanosome of the sponge, including the margin of the oscule; × 15.	
„ 15. A part of the tissue forming the membranous margin of the oscule, more highly magnified; × 180.	
Figs. 16-22. <i>Pilochrota anancora</i> ,	132
„ 16. Sponge; nat. size.	
„ 17-20. Spicules—	
Fig. 17. Oxea; × 49.	Figs. 19, 20. Chiasmata; × 430.
„ 18. Plagiotriene; × 49.	
„ 21. Section of the exterior of the sponge, showing cortex and choanosome; × 15.	
„ 22. One of the clusters of cells shown in the preceding figure as dark spots in the cortex; × 430.	
Figs. 23-28. <i>Myriastra subtilis</i> ,	113
„ 23. Sponge; nat. size.	
„ 24-28. Spicules—	
Fig. 24. Oxea; × 32.	Fig. 26. Anatriene; × 32.
„ 25. Dichotriene; × 32.	„ 27, 28. Chiasmata; × 430.
Figs. 29-36. <i>Myriastra toxodonta</i> ,	119
„ 29. Sponge; nat. size.	
„ 30-35. Spicules—	
Fig. 30. Oxea; × 32.	Fig. 32. Anatriene; × 32.
„ 31. Dichotriene; × 32.	„ 33-35. Chiaster; × 430.
„ 36. Radial section, showing the general character of the canal-system; × 15.	
Fig. 37. <i>Pilochrota purpurea</i> , var. <i>longancora</i> ,	131
„ 37. Transverse section through a part of the cortex, showing the structure of one of the gland-like cell clusters; × 292.	