

- Figure 1. Sponge; nat. size.
- „ 2. Vertical section passing through the middle of the cloaca; nat. size. (The section as represented is turned sideways up.)
- „ 3-13. Spicules—
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| <p>Fig. 3. Oxea; × 95.
 „ 4. Orthotriæne; × 95.
 „ 5, 6. Sterraster; × 95.
 „ 7. Somal centrotylote microstrongyle; × 95.
 „ 8. Choanosomal oxyaster; × 95.
 „ 9. Choanosomal oxyaster; × 292.</p> | } | <p>Fig. 10. Sterraster, × 292; 10a, transverse section of sterraster.
 „ 11. Sterraster, in the stage immediately preceding completion; × 292.
 „ 12. Astill younger form of sterraster; × 292.
 „ 13. Somal centrotylote microoxea; × 360.</p> |
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- „ 14. Tangential section through the cortex, showing transverse sections of the chones; × 14.
- „ 15. Part of a vertical median section passing through the cloaca; × 14.
- „ 16. Section at right angles to the surface of the sponge; × 50.
- „ 17. Part of the same, more highly magnified; × 125.
- „ 18. Structure of the superficial part of the cloacal wall, just below the margin of the oscule; × 292.
- „ 19. Part of a section through the choanosome; × 225.
- „ 20. A pigment cell; × 225.
- „ 21. Darkly staining cell, from which probably the pigment cell arises; × 292.
- „ 22. Pigment cell surrounded by sarcocytes; × 292.
- „ 23, 24. Problematical structures; × 292.
- „ 25. Epithelial cells seen in the walls of an excurrent canal; × 292.
- „ 26. Chiaster seen within its scleroblast; × 292.
- „ 27, 28. Two forms of chiaster; × 292.
- „ 29. Chiaster situated beneath the epithelium of a canal, showing the tangential position of the actines; × 292.
- „ 30. The youngest form of sterraster observed; × 292.
- „ 31. A young sterraster, showing the nucleus and immediately surrounding protoplasm of the scleroblast; × 292.