

PLATE XXII.

Synops nitida,

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- Figure 1. Part of the sponge, showing the upper (or oscular) surface, and median plane of fracture; nat. size.
- „ 2. Sponge, seen from below; nat. size.
- „ 3-12. Spicules—
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| Fig. 3. Oxea; × 73. | Fig. 8. Sterraster; × 430. |
| „ 4. Orthotriæne; × 73. | „ 9-11. Choanosomal oxyaster and its modifications; × 430. |
| „ 5. Sterraster; × 73. | „ 12. Somal spheraster; × 430. |
| „ 6. Choanosomal oxyaster; × 73. | |
| „ 7. Somal spheraster; × 73. | |
- „ 13. Section passing through the middle of an oscule longitudinally; × 32.
- „ 14. Tangential slice, showing the pore-sieves; × 32.
- „ 15-18. Longitudinal median sections through chones; × 32.