

PLATE XXIII.

PAGE

*Synops vosmaeri*, . . . . .

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Figure 1. Sponge ; nat. size.

„ 2. Vertical median section through the sponge ; nat. size.

„ 3-13. Spicules—

Figs. 3, 4. Somal oxeas ;  $\times 73$ .

„ 5. Orthotriæne ;  $\times 73$ .

„ 6. Cortical oxea ;  $\times 73$ .

„ 7. Sterraster ;  $\times 73$ .

„ 8. Choanosomal oxyaster ;  $\times 73$ .

„ 9. Sterraster ;  $\times 225$ .

Fig. 10. Choanosomal oxyaster ;  $\times 292$ .

„ 11. Somal spheraster ;  $\times 700$ .

„ 12. Termination of somal oxea ;  
 $\times 292$ .

„ 13. Abnormal form of oxea or  
plagiomonæne ;  $\times 73$ .

„ 14. Section passing medially and longitudinally through an oscule ;  $\times 2$ .

„ 15. Median longitudinal section through an oscular chone, showing the  
general characters of the cortex and choanosome ;  $\times 32$ .

„ 16. Median longitudinal section through an incurrent chone ;  $\times 32$ .

„ 17. A sieve-pore seen *en face*.

„ 18. Oblique, nearly tangential section through the outer part of the cortex,  
showing the lateral extension of the canals which extend from the  
pores to the chones.