

PLATE XIV.

Figs. 1-5. *Euplectella nodosa*, F. E. S.,

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Fig. 1. Damaged specimen ; natural size.

Fig. 2. Spicules from the wall, in their natural arrangement (combination figure); $\times 40$.

Figs. 3, 4. Freely projecting diacts, with four prongs or a simple thickening in the middle ; $\times 300$.

Fig. 5. Inferior portion of an anchor-like diact of the basal tuft ; $\times 300$.

Figs. 6-13. *Holascus stellatus*, F. E. S.,

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Fig. 6. Section at right angles through the lateral wall of *Holascus stellatus*, F. E. S., with the soft parts (combination figure); $\times 50$.

Fig. 7. Oxyhexaster with curved terminal rays ; $\times 300$.

Fig. 8. Oxyhexaster with curved rays ; $\times 300$.

Fig. 9. Discohexaster ; $\times 300$.

Figs. 10-12. Spicules with four, three, or two much curved rays, and a central globular thickening ; $\times 300$.

Fig. 13. Oxyhexaster with bent terminal rays ; $\times 300$.