

PLATE XII.

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Figs. 1-7. *Dictyocalyx gracilis*, F. E. S.,

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- Fig. 1. Macerated coherent skeleton, from a photograph; natural size.
Fig. 2. Discohexaster with short marginal teeth on the terminal discs; $\times 450$.
Fig. 3. Part of a hypodermal hexact; $\times 300$.
Fig. 4. Discohexaster with long marginal teeth on the terminal discs; $\times 450$.
Fig. 5. Graphiohexaster with somewhat diverging, fine, raphid-like terminal rays; $\times 300$.
Fig. 6. Small discohexaster with many terminal rays; $\times 1000$.
Fig. 7. Fragment of a floricome; $\times 450$.

Figs. 8-12. *Rhabdopectella tintinnus*, O. Schmidt,

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- Fig. 8. Discohexaster with short marginal teeth on the bent terminal rays; $\times 300$.
Fig. 9. Oxyhexaster with two thin terminal rays on each principal; $\times 300$.
Fig. 10. Bow-shaped spicule; $\times 300$.
Fig. 11. Discohexaster with large terminal discs; $\times 1000$.
Fig. 12. Oxyhexaster, in which the principals are so shortened, that the terminal rays have coalesced at their base; $\times 300$.