

PLATE II.

PAGE

Fragments and isolated spicules of the macerated skeleton of *Euplectella aspergillum*, Owen,

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Fig. 1. Isolated spicules from round about the parietal aperture of a young specimen ; $\times 50$.

Fig. 1a. Hexact with one shortened and rounded ray.

Fig. 1b. Hexact with six almost equally developed rays.

Fig. 1c. Pentact with one somewhat elongated tangential ray.

Fig. 2. Fragment of the connected skeletal framework of the lateral wall of a young specimen, seen from the inside ; $\times 10$.

Fig. 3. Incipient union of two beams by means of synapticula ; $\times 100$.

Fig. 4. The larger portion of a triact from a young form ; $\times 50$.

Fig. 5. Fragment of the skeleton of the lateral wall of a young form, round about a parietal aperture, seen from the interior ; $\times 10$.

Fig. 6. Fragment of the skeleton of the lateral wall of a young specimen ; $\times 50$.

Fig. 7. Fragment of the skeleton of the lateral wall of an adult form ; $\times 50$.

Fig. 8. Fragment of the connected skeleton of the lateral wall of an older specimen, viewed from the outside ; $\times 10$.

Fig. 9. Portion of a floricome ; $\times 500$.

Fig. 10. Fragment of the connected skeleton from the margin of the terminal sieve-plate and surrounding ledge ; $\times 10$.

This plate was executed under Sir Wyville Thomson's direction.