

PLATE LIV.

*Polylophus philippinensis*, Gray,

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Fig. 1. A specimen preserved in alcohol, with numerous buds of various sizes and ages; natural size.

Fig. 2. Vertical section of the outer marginal portion (combination figure);  $\times 50$ .

Fig. 3. Discohexaster belonging to *Lanuginella pupa*, erroneously put in this plate;  $\times 450$ .

Fig. 4. Plumicome from the subdermal trabecular work;  $\times 300$ .

Fig. 5. Oxyhexaster with long principal rays;  $\times 300$ .

Fig. 6. Longitudinal section of a principal ray, with terminal rays of a plumicome;  $\times 1000$ .

Fig. 7. Autodermal tetract with somewhat bent, rough, rounded rays;  $\times 100$ .

Fig. 8. Hexact with straight rough rays, probably intruded and not belonging to *Polylophus philippinensis*;  $\times 100$ .

Fig. 9. Inferior part of an anchor-like pentact of the basal tuft;  $\times 50$ .