

PLATE LI.

*Semperella schultzei*, Semper,

- Fig. 1. A specimen, preserved in alcohol ; two-thirds natural size.
- Fig. 2. Hypodermal pentact ;  $\times 20$ .
- Fig. 3a. Uncinatum-like oxydiact, with curved barbs ;  $\times 20$ .
- Figs. 3 b, c, d. Superior, middle, and inferior part of an uncinatum-like oxydiact, with curved barbs ;  $\times 200$ .
- Fig. 4. Large autodermal pentact pinulus ;  $\times 200$ .
- Fig. 5. Smaller but strong autodermal pentact pinulus ;  $\times 200$ .
- Fig. 6. Small uncinatum-like oxydiact ;  $\times 200$ .
- Fig. 7. Small amphidisc ;  $\times 500$ .
- Figs. 8, 9. Middle-sized amphidiscs ;  $\times 200$ .
- Fig. 10. Large amphidisc ;  $\times 200$ .
- Fig. 11. Imperfect (young) middle-sized amphidisc ;  $\times 200$ .
- Fig. 12. Slender middle-sized amphidisc ;  $\times 500$ .
- Fig. 13. Fragment of the dermal skeleton, with some smaller autodermal pentact pinuli ;  $\times 200$ .
- Fig. 14. Inferior part of an anchor-like spicule of the basal tuft ;  $\times 60$ .
- Fig. 15. Fragment of the parenchymal skeleton ;  $\times 200$ .
- Fig. 16. Part of the lateral side, outer view ;  $\times 2$ .
- Fig. 17. Fragment of the dermal skeleton ;  $\times 60$ .