

PLATE XXV.

*Salacia polygastrica*, n. sp. (p. 331).

- |  | Diam. |
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| Fig. 1. A complete corm. The large ovate pneumatophore exhibits the enclosed pneumatocyst and the hypocystic villi. The long tubular trunk bears a series of numerous ordinate polygastric cormidia, separated by free naked internodes, . . . . .   | × 4   |
| Fig. 2. Transverse section through the pneumatophore in the equatorial plane. <i>pi</i> , Pneumatochone (infundibulum pneumaticum); <i>py</i> , pylorus infundibuli; <i>pv</i> , hypocystic villi; <i>pu</i> , pneumatocodon (umbrella pneumatica), . . . . .  | × 8   |
| Fig. 3. Apical view of the pneumatophore (from above). <i>po</i> , Central stigma (apical ostium); <i>pm</i> , radial muscles (dilatator stigmati), round which is seen the mitra ocellaris (corona of eight radial pigmentlobes); <i>pv</i> , hypocystic villi, . . . . .                             | × 8   |
| Fig. 4. A single (polygastric and monoclinic) cormidium, attached to the stem. <i>s</i> , Siphons; <i>so</i> , suctorial disc; <i>t</i> , tentacle; <i>g</i> , gonodendron, . . . . .  | × 8   |
| Fig. 5. A single siphon with its tentacle ( <i>t</i> ) attached to the trunk. <i>g</i> , Gonostyle; <i>sb</i> , basigaster; <i>sm</i> , stomach; <i>sv</i> , hepatic villi; <i>sr</i> , proboscis; <i>so</i> , mouth, . . . . .  | × 20  |
| Fig. 6. A single (monostylic) gonodendron, attached to the stem ( <i>a</i> ) and exhibiting the ramification of the gonostyle ( <i>gs</i> ). The majority of the numerous branches and gonophores have been removed. <i>f</i> , Gynophores; <i>h</i> , androphores; <i>gq</i> , gonopalpons, . . . . . | × 20  |
| Fig. 7. A single branch of the (monostylic) gonodendron. Characters as in fig. 6, . . . . .  | × 50  |