

PLATE XLVI.

Porpitella pectanthis, n. sp. (p. 64).

- | | Diam. |
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| <p>Figs. 1, 2. The complete corm, seen from above in the right half (1), from below in the left half (2). In the centre is visible the mouth of the sterile central siphon, surrounded by a corona of sixteen small gonostyles (or sexual siphons). The right half of the figure (1) shows the half of the radiate pneumatocyst, with eight marginal lobes. The margin of the umbrella is beset with a series of glands (dark points) and surrounded by a corona of numerous tentacles, composed of sixteen radial bunches,</p> | × 4 |
| <p>Fig. 3. Vertical meridional section through the lenticular biconvex umbrella and its appendages. <i>ph</i>, Central chamber of the pneumatocyst; <i>pq</i>, one of the eight radial chambers; <i>pk</i>, concentric ring-chambers; <i>um</i>, limbus umbrellæ; <i>t</i>, tentacles; <i>uc</i>, centradenia; <i>cm</i>, hepatic vessels; <i>st</i>, gastrobasal plate; <i>sa</i>, central siphon; <i>so</i>, its mouth,</p> | × 8 |
| <p>Fig. 4. Radial segment of the pneumatocyst, seen from above; highly magnified. <i>po</i>, Central stigma; <i>pe</i>, peripheral stigma; <i>ph</i>, central chamber; <i>pq</i>, radial chamber; <i>pk</i>, concentric ring-chambers; <i>pg</i>, pneumothyræ (pori communicantes),</p> | × 40 |
| <p>Fig. 5. Radial segment of the pneumatocyst, seen from below; highly magnified. <i>ph</i>, Central chamber; <i>pq</i>, eight radial chambers; <i>pe</i>, their stigmata (shining through); <i>pt</i>, tracheæ; <i>pk</i>, concentric ring-chambers,</p> | × 20 |
| <p>Fig. 6. Vertical section through the centre of the umbrella. Characters as in figs. 3, 4. <i>pt</i>, Tracheæ,</p> | × 20 |
| <p>Fig. 7. Vertical section through the peripheral part of the umbrella. Characters as in figs. 3, 4. <i>w</i>, Subumbrella; <i>pt</i>, tracheæ; <i>us</i>, muciparous glands of the umbrella-margin,</p> | × 20 |
| <p>Fig. 8. A portion of a single trachea,</p> | × 300 |