

## PLATE XVIII.

### Figs. 1-7. *Dicymba diphyopsis* (p. 210).

- Fig. 1. The entire corm, drawn from life, with expanded trunk, and twelve fully developed ordinate cormidia. *p*, Pneumatophore; *n*, nectophores; *w*, subumbrella; *v*, velum; *a*, axial trunk.
- Fig. 2. A single cormidium. *s*, Siphon; *sh*, its four hepatic ridges; *sr*, proboscis; *sb*, basigaster; *t*, tentacle; *y*, cyston; *q*, palpons; *r*, palpacles; *b*, bracts; *h*, androphores; *f*, gynophores; *a*, trunk of the corm.
- Fig. 3. A female gonodendron.
- Fig. 4. A single female gonophore. *fu*, Umbrella; *o*, ovarium with a single egg, surrounded by a network of spadicine canals (*cy*); *uy*, ocelli of the margin; *cr*, radial canals.
- Fig. 5. A male gonodendron.
- Fig. 6. A single male gonophore. *hu*, Umbrella; *hm*, spermarium; *cr*, radial canals.
- Fig. 7. Transverse section through the trunk. *at*, Axial canal of the trunk; *d*, entoderm; *m*, longitudinal muscles; *e*, exoderm; *i*, bud in the ventral median line; *ad*, nerve in the dorsal median line.

### Figs. 8-17. *Agalma eschscholtzii*, n. sp. (p. 226).

- Fig. 8. The entire corm, drawn from life. The nectosome is composed of an apical pneumatophore (*p*) and four pairs of nectophores (*n*). The subspherical siphosome is densely covered with bracts (*b*); from its axial cavity issue below a number of siphons (*s*) and tentacles, palpons (*q*) and palpacles (*r*).
- Fig. 9. A single nectophore, from the dorsal side. *w*, Subumbrella; *uy*, ocelli.
- Fig. 10. A trilobate bract, from the dorsal side. *bc*, Bracteal canal.
- Fig. 11. A quinquelobate bract, from the dorsal side.
- Fig. 12. A trilobate bract, in profile.
- Fig. 13. A quinquelobate bract, in profile.
- Fig. 14. A single tentillum. *tp*, Pedicle; *th*, involucre; *tk*, cnidoband; *ta*, terminal ampulla; *tc*, paired lateral horns.
- Fig. 15. A female gonodendron. *fu*, Umbrella of the gynophores; *o*, egg; *a*, trunk.
- Fig. 16. A single gynophore. *fu*, Umbrella; *cr*, its four radial canals; *cc*, circular canal; *cy*, spadicine canals of the manubrium (around the egg); *o*, ovule.
- Fig. 17. A male gonodendron. *a*, Trunk; *hu*, umbrella of the androphores; *hm*, spermarium.