

## PLATE L.

Compare figs. 7-12 in Pl. XLIX.

### *Disconalia gastroblasta*, n. sp. (p. 48).

- Fig. 1. Basal view of the medusiform octoradial form (seen from the subumbrella). The central sterile siphon exhibits an octolobate mouth-opening, and is surrounded by a corona of sixteen reddish-yellow palpons which bear numerous medusiform gonophores on their basal portion. An octoradial corona of numerous tentacles, arranged in eight equidistant bunches, is placed between the corona of palpons and the octolobate margin of the umbrella. Each tentacle bears three longitudinal rows of tentilla, or of pedunculate cnidospheres, two paired lateral and one inferior row.
- Fig. 2. A fertile palpon, beset in the red distal half (*q*) with eight longitudinal rows of cnidonodes (*k*), in the yellow proximal half with clusters of medusiform gonophores (*Discomitra*, *g*).
- Fig. 3. The octolobate mouth of the large central siphon; its labial margin is armed with a series of cnidonodes.
- Fig. 4. A group of tentacles (three larger and four smaller) and their insertion into the subumbrella.
- Fig. 5. A single tentacle, with its three rows of tentilla (an odd inferior and two paired lateral rows).
- Fig. 6. A single tentillum. *d*, Axial column composed of large discoidal entoderm-cells; *e*, exodermal epithelium; *z*, fulcrum between them; *k*, terminal cnidosphere.
- Fig. 7. Apical view of a *Discomitra* (or a medusiform gonophore). *u*, Exumbrella; *w*, subumbrella; *cr*, four crossed radial canals.
- Fig. 8. Lateral view of the same *Discomitra*, in profile. *cr*, The four radial canals; *cc*, ring-canal of the umbrella margin.
- Fig. 9. Apical view of a young *Disconula* (octoradial medusiform larva of *Disconalia*). The pneumatocyst (yellow) appears through the central portion of the (blue) exumbrella. *ph*, Central air-chamber; *po*, its stigma; *pq*, eight radial air-chambers; *pe*, their peripheral stigmata; *us*, muciparous glands of the umbrella-margin; *t*, tentacles; *k*, cnidospheres.
- Fig. 10. Basal view of a somewhat older *Disconula*. The octolobate mouth of the central siphon and the corona of eight (red) incipient palpons are visible in the centre of the subumbrella. Each tentacle bears a terminal bunch of four tentilla (*k*). Characters as in fig. 9. (Compare on these larvæ, pp. 39, 45, 56, and *Discalia*, p. 46, Pl. XLIX. figs. 1-6.)