

PLATE XX.

Discolabe quadrigata, n. sp. (p. 263).

Figs. 9–13. Different views of the vesicular trunk, after detachment of the nectophores, palpons, siphons, and tentacles. *p*, Pneumatophore; *pp*, pigment-cap (mitra ocellaris); *pr*, radial septa between the eight pouches of the pericystic cavity; *an*, spindle-shaped trunk of the nectosome; *np*, convoluted longitudinal fold on its ventral median line, where the pedicles of the nectophores have been attached; *in*, buds of nectophores; *as*, discoidal trunk of the siphosome, spirally twisted in the form of a subcircular inflated bag; *af*, quadrangular facettes on the peripheral margin of the trunk of the siphosome, each facette corresponding to the insertion of a large palpon, and the small opening in its centre (*cq*) to the small canal which connects the cavities of the palpon and of the vesicular trunk. Attached to the inferior margin of each facette are two distylic clustered gonodendra; a larger proximal female cluster (*f*), composed of very numerous ovate gynophores; and a smaller distal male cluster (*h*) with a single large spindle-shaped gonopalpon (*gp*). The pedicles of the detached siphons are visible in the basal view (fig. 12, *sp*).

Fig. 9. Apical view of the trunk (from above).

Fig. 10. Lateral view of the trunk (from the left side).

Fig. 11. Ventral view of the trunk (from before).

Fig. 12. Basal view of the trunk (from below).

Fig. 13. Ventral view of a smaller trunk. A single siphon (*s*) and tentacle (*t*) have remained in this younger specimen attached to the stem.

Fig. 14. A single tentillum. *tp*, Distal portion of the inflated pedicle; *th*, vesicular involucre; *ty*, ocellus in its wall; *tk*, spiral cnidoband.

Fig. 15. Apical view of the nectosome, exhibiting the cruciform arrangement of the four rows of nectophores (*n*) around the central pneumatocyst (*p*).

Fig. 16. A single complete cormidium, in the usual natural position of its component organs. *q*, Palpon (horizontal); *af*, facette of the trunk where the proximal base of the palpon is inserted; *cp*, canal of the palpon in the centre of the facette; *r*, palpacle; *gf*, clustered female gonodendron; *gh*, smaller male gonodendron; *gq*, its large gonopalpon; *hp*, insertions of pedicles of detached androphores; *s*, siphon (vertical); *so*, its distal mouth; *t*, tentacle; *ts*, tentilla; *ks*, cnidosacs.