

## PLATE IV.

All the Figures refer to *Antedon rosacea*.

Figs. 1 and 3. The pinnule cysts (*a*) from an *Antedon*, dredged by the Liverpool Marine Biological Committee, off Keumaes Bay, north coast of Anglesea.

Fig. 2. Three deformities from an *Antedon*, dredged by the steamer "Vettor Pisani" at Gibraltar. *a*, a groove-like deformity; *b*, a pinnule-cyst; *c*, an arm-swelling.

Fig. 4. The egg-like content of a pinnule-cyst from an *Antedon*, from Cumbrae. The right side (*c*) is drawn in surface-view; the left side in optical section, with the cortical layer (*a*) and the internal mass (*b*).

Fig. 5. Longitudinal section through a pinnule deformity, showing the content (*a*), enclosed in an uncalcified tissue (*m*). From the same locality as fig. 1.

Fig. 6. Longitudinal section through a doubly deformed pinnule of an *Antedon*, from Milford Haven, with four contents (*a-d*).

(Figs. 1-3 are enlarged 5 times, figs. 4-6, 75 times.)