

PLATE IV.

Fig. 1. *Phymastræa aspera*, a part of the corallum ; natural size.

Fig. 1a. A vertical section of a part of the wall, with septa and intermural spaces ; magnified.

Fig. 1b. A transverse section across a part of three calicles, with intermural spaces.

Fig. 2. *Acanthastræa irregularis*, a part of the corallum ; natural size.

Fig. 2a. A magnified view of the wall at the junction of five calicles, with septa

Fig. 3. *Cyphastræa aspera*, the corallum ; natural size.

Fig. 3a. A magnified view of a calicle.

Fig. 4. *Cyphastræa brueggemanni*, the corallum ; natural size.

Fig. 4a. A part of the corallum ; magnified.

Fig. 5. *Galaxea aspera*, a part of the corallum ; natural size.

Fig. 5a. A lateral view of a calicle (restored).

Fig. 5b. A section of the cells of the peritheca.

Fig. 5c. The cells of the peritheca ; surface view.

Fig. 5d. A calicle, seen from above ; magnified.

Fig. 6. *Galaxea explanata*, a part of the corallum ; natural size.

Fig. 6a. A calicle, seen from above ; magnified.

Fig. 6b. A lateral view of a calicle.

Fig. 6c. A section of the cells of the peritheca.

Fig. 6d. The cells of the peritheca ; surface view.

Fig. 7. *Galaxea fragilis*, a part of the corallum ; natural size.

Fig. 7a. A calicle, seen from above ; magnified.

Fig. 7b. A lateral view of a calicle (restored).

Fig. 7c. A section of the cells of the peritheca.

Fig. 7d. The cells of the peritheca ; surface view.