

PLATE VII.

Fig. 1. *Sandalolitha dentata*, the corallum ; natural size.

Fig. 1a. A part of the under surface ; natural size.

Fig. 1b. A part of the under surface ; magnified.

Fig. 1c. Teeth of the septa ; magnified.

Fig. 1d. View of a part of the corallum, showing an early stage in the development of a young calicle.

Fig. 2. *Dendrophyllia conferta*, a part of the corallum ; natural size.

Fig. 2a. Oblique view of a typical calicle, with buds.

Fig. 2b. A calicle, seen from above.

Fig. 3. *Turbinaria æqualis*, a part of the corallum ; natural size.

Fig. 3a. A calicle ; magnified.

Fig. 4. *Millepora confertissima*, a part of the cœnosteum ; natural size.

Fig. 4a. A branchlet ; magnified.

Fig. 5. *Millepora murrayi*, a part of the cœnosteum ; natural size.

Fig. 5a. A part of the surface ; magnified.

Fig. 5b. A branchlet with ampullæ ; abraded.

Fig. 5c. A branchlet with ampullæ ; not abraded.

Fig. 5d. An ampulla, as seen in "5c" ; magnified.

Fig. 5e. An ampulla, as seen in "5b" ; magnified.