

PLATE III.

Figs. 1-4. *Tylopathes crispera*, n. sp.

	Diam.
Fig. 1. View of a branch seen from the anterior surface ; about two-thirds natural size (from a photograph).	
Fig. 2. Portion of the cylindrical reticulum, forming the habitation of an Annelid,	× 2
Fig. 3. Anterior view of a branchlet, showing the form and arrangement of the polyps,	× 6
Fig. 4. The arrangement of the spines,	× 26

Figs. 5-9. *Aphanipathes cancellata*, n. sp.

Fig. 5. The whole corallum, with basal dilation ; about two-ninths natural size (from a photograph).	
Fig. 6. Portion of the reticulum clothed with polyps, showing the mode of branching near the middle of the specimen,	× 2
Fig. 7. Apical branches, after treatment with caustic potash,	× 2
Fig. 8. Portion of a branchlet, showing the arrangement of the spines,	× 13
Fig. 8a. A single spine, more highly magnified, showing serrations,	× 52
Fig. 9. Anterior view of a portion of the corallum, showing the irregularity in size of the polyps, :	× 9