

PLATE IV.

Figs. 1-4. *Pteropathes fragilis*, n. sp.

	Diam.
Fig. 1. Three portions of the corallum, showing the base and mode of branching; one-half natural size.	
Fig. 2. Portion of a branchlet, showing the arrangement of the spines, . . . . .	× 13
Fig. 3. Anterior view of a branch, showing four polyps, . . . . .	× 4
Fig. 4. The same portion seen from the side, . . . . .	× 4

Figs. 5-7. [*Antipathes*] *cylindrica*, n. sp.

Fig. 5. The whole corallum, showing the bottle-brush type of growth; about three-fifths natural size (from a photograph).	
Fig. 6. Four of the branches, forming one revolution of the stem, . . . . .	× 2
Fig. 7. Portion of a branchlet, showing the arrangement of the spines, . . . . .	× 13

Figs. 8, 9. *Leiopathes glaberrima* (Esper).

Fig. 8. Apical portion of the corallum, showing the irregularity in the size and position of the polyps; natural size.	
Fig. 9. Portion of a branchlet, showing the position of six polyps, . . . . .	× 8