

PLATE I.

Figs. 1-3. *Antipathella minor*, n. sp.

	Diam.
Fig. 1. The whole corallum ; about three-tenths natural size (from a photograph).	
Fig. 2. Anterior surface of a branchlet, bearing five polyps, . . . . . ×	6
Fig. 3. Portion of a branchlet, showing the arrangement of the spines, . . . . . ×	26

Figs. 4-7. *Antipathella assimilis*, n. sp.

Fig. 4. Apical portion of a colony; about two-thirds natural size (from a photograph).	
Fig. 5. Portion of a branchlet and two pinnules, showing the arrangement of the polyps, . . . . . ×	6
Fig. 6. Middle portion of a branchlet, showing the arrangement of the spines, . . . . . ×	26
Fig. 7. Apical portion of a branchlet, showing the thickened spines, . . . . . ×	26

Figs. 8-11. *Antipathella contorta*, n. sp.

Fig. 8. View of one of the smaller branches and its subdivisions as seen from the posterior surface; about two-thirds natural size (from a photograph).	
Fig. 9. Portion of a small branchlet, bearing five polyps, . . . . . ×	6
Fig. 10. Reticulum from the lower portion of a specimen, after treatment with caustic potash ; about natural size (from a photograph).	
Fig. 11. Portion of a branchlet, showing the arrangement of the spines, . . . . . ×	26