

PLATE IX.

Figs. 1-6. *Schizopathes affinis*, n. sp.

	Diam.
Fig. 1. The whole corallum, showing isolated degenerate zooids on the lower portion of each branch ; one-half natural size.	
Fig. 2. Apical portion of a branch, bearing crowded dimorphic zooids above and more isolated ones below,	x 2
Fig. 3. Two triplets of dimorphic individuals, seen from above, showing the mouth in each gastrozoid,	x 4
Fig. 4. Portion of a branch, showing the arrangement of the spines,	x 13
Fig. 5. Sickle-shaped base of the corallum, seen from the side,	x 2
Fig. 6. Middle portion of a sickle-shaped base, showing three rows of acute spines,	x 9

Figs. 7-10. *Bathypathes alternata*, n. sp.

Fig. 7. Outline of a specimen attached to a stone ; one-half natural size.	
Fig. 8. Apical portion of the corallum, bearing isolated dimorphic zooids ; natural size.	
Fig. 9. Portion of a branch, showing the position of the zooids,	x 2½
Fig. 10. Portion of a branch, showing the arrangement of the spines,	x 13