

PLATE II.

Figs. 1-4. *Cladopathes plumosa*, n. sp.

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| Fig. 1. One of the plumose branches clothed with polyps and cœnenchyma ; about two-thirds natural size (from a photograph). | |
| Fig. 2. Portion of a branchlet, showing three triplets of dimorphic zooids, | × 6 |
| Fig. 3. Part of the corallum, after treatment with caustic potash, showing the mode of branching ; about three-fifths natural size (from a photograph). | |
| Fig. 4. Portion of a branchlet, showing the arrangement of the spines, | . × 26 |

Figs. 5-7. *Antipathella speciosa*, n. sp.

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| Fig. 5. Corallum covered with a membranous film, soluble in caustic potash ; about one-sixth natural size (from a photograph). | |
| Fig. 6. Apical portion of the corallum, after treatment with caustic potash, showing the mode of branching ; natural size. | |
| Fig. 7. Portion of a branchlet, showing the arrangement of the spines, | . × 26 |
| Fig. 8. [<i>Antipathes</i>] <i>spinescens</i> , Gray. Three branches ; natural size. | |
| Fig. 9. [<i>Antipathes</i>] <i>spinescens</i> , var. <i>minor</i> , nov. A branch and its subdivisions ; natural size. | |
| Fig. 10. <i>Antipathella barbadensis</i> , n. sp. One of the lower branches, bearing two simple branchlets near the base ; natural size. | |
| Fig. 11. <i>Parantipathes hirta</i> (Gray). One of the lower branches and its subdivisions ; natural size. | |
| Fig. 12. [<i>Antipathes</i>] <i>spinosa</i> (Carter). Portion of a branchlet, showing the arrangement of the spines, | × 26 |