

## SECTION VIII.

## DYNAMENA PUMILA LAMX.

All the Hydroids of our coast, described in the preceding pages, exhibit such distinct specific differences from their European representatives, that they may readily be distinguished. Not so with our most common *Dynamena*. After repeated comparisons with dried specimens from the shores of Europe, I could find no difference. Not satisfied, however, with this evidence, I requested my friend, Captain James Anderson, to bring me living specimens of the European *Dynamena pumila*, which he obtained through the kindness of Mr. Thomas Moore of Liverpool, and brought safely to Cambridge, where I compared them anew with specimens from the Bay of Boston. The result of this renewed comparison was, however, the same. I can perceive no constant difference between them.

*Proles Hydroidæ. Adull.*<sup>1</sup>—There is no Hydroid on the coast of New England so common as this; from high to low-water line, wherever the common olive Fucoids grow, *Dynamena pumila* flourishes in the greatest profusion upon them, and among them upon the rocks. From September to April, through the cold months, the hydræ alone are to be found (Pl. XXXII. *Fig.* 1), but from May to July, the reproductive and sterile forms are alike abundant. When attached to the flat fronds of sea-weeds, the horizontal creeping stolon (*Fig.* 1) is quite conspicuous,

<sup>1</sup> REFERENCES TO DYNAMENA Lamx.

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