

ILLUSTRATED CATALOGUE

OF THE

MUSEUM OF COMPARATIVE ZOÖLOGY,

AT HARVARD COLLEGE.

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*original
description of*

*Belmopsis microptera
(A. Agassiz 1865)*

No. II.

NORTH AMERICAN ACALEPHÆ.

BY

ALEXANDER AGASSIZ.

CAMBRIDGE:
FOR SALE BY SEVER AND FRANCIS.
1865.

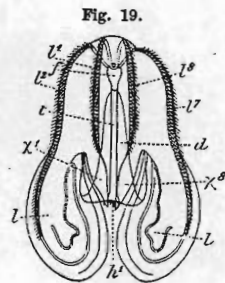
Bolina vitrea AGASS.

Bolina vitrea AGASS. Contrib. Nat. Hist. U. S., Vol. III. pp. 269, 289, Fig. 93. 1860.

Bolina littoralis McCr. On the Development of two Species of Ctenophoræ, 1857; Proc. Elliot Soc. N. H., p. 1. 1858.

The *Bolina littoralis* McCr. is probably either this species, or one of our species of Mnemiopsis; but not having the means to determine this point, a figure (Fig. 19) of the *Bolina vitrea* Agass. is added here, to serve as a basis for its identification hereafter.

Reef of Florida (Agassiz); Charleston (McCrary).

**Bolina microptera** A. AGASS.

Bolina septentrionalis AGASS. (non Mertens). Cont. Nat. Hist. U. S., III. p. 289. 1860.

The discovery of several species of Bolinidæ on the eastern coast of North America, belonging to different genera, which had all been confounded together, has induced me to examine anew the descriptions and drawings of the species of *Bolina* observed on the northwest coast. I have become satisfied that the species of *Bolina* here noticed is not the *B. septentrionalis* of Mertens, but differs specifically from it. It is quite elongated; the lateral lobes are very short, with complicated windings of the long ambulacral tubes. This species resembles in outline more the *Bolina vitrea* Agass. than any other. It has, like it, a long digestive cavity, but differs from it in the proportions of the lateral lobes, and the complexity of the windings of the long ambulacra. It is, like the *B. vitrea*, perfectly transparent and nearly colorless, of a slight bluish tinge; the polar diameter measures about two inches. Found in June, in the Straits of Rosario, Washington Territory.

Gulf of Georgia, W. T. (A. Agassiz).

MNEMIOPSIS AGASS.

Mnemiopsis AGASS. Cont. Nat. Hist. U. S., III. pp. 269, 290. 1860.

The genus *Mnemiopsis* is remarkable among the Bolinidæ for the peculiar structure of the tentacular apparatus, which sends a branch along a deep furrow, protected by a lappet, to the base of the auricles.

Fig. 19. *Bolina vitrea* seen from the broad side. l^2, l^7 , long ambulacra; l^1, l^3 , short ambulacra; f , funnel; d , digestive cavity; t , tentacular tube; χ^1, χ^3 , auricles; l, l' , anterior and posterior lobes; h' , tentacle.