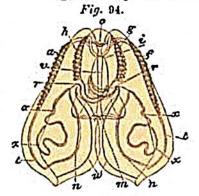
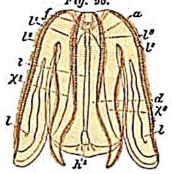
of colors is so faint as scarcely to be noticed. I have not been able to make a thorough study of this species, and therefore limit myself to calling the attention



BOLINA ALATA, Ag. (Seen from the broad side.)

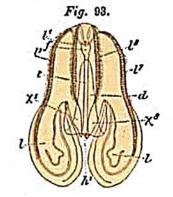
a and f Loug rows of locomotive flappers .g and A Short rows of locomotive flappers. i to m Triangular digestive cavity. - i to o ity .- v Chymiferous tube of the tentaratus on the side of the mouth. - rr Enrlike lobes, or auricles, in the prolongation of the short rows of locomotive flappers. rous tubes. - n n The same tubes turning upwards. - xx Bend of the same tubes. - = Extremity of the same tubes meeting with those of the opposite side. - to Recurrent tube anastomozing with those of the auricles.



MNEMIOPSIS GARDENI, Ag. PI long ambulacra. - 1 18 short ambulacra. - f funnel. - a folds of the digestive cavity. -d digestive cavity .- t tentacular tube. -h1 tentacle.-x1 x5 nuricles. -11 anterior and posterior lobes.

of naturalists to its occurrence on the shores of the coral reef of Flor-Fig. 93 gives an outline view of this species; and a comparison with Fig. 94, which represents the northern Bolina alata in the same position, may show their specific difference.

MNEMIOPSIS GARDENI Ag. residing upon Sullivan's Island, near political properties of the short Charleston, South Carolina, I occasion--o Central black speck (eye-speck) - ally caught, during the winter, about Funnel-like prolongation of the main cave the breakwater near the Fort, speci-



ambulaera. - f funuel. - d digestive cavity .- t tentacular tube. -x1 x8 auricles. - l l auterior and posterior lobes. - h1 tenta-

cular apparatus. - m Tentacular appa. mens of a species of Acaleph somewhat resembling Bolina, but evidently constituting a distinct genus, which I pro--11 Prolongation of the vertical chymife- pose to call MNEMIOPSIS, on account of its still greater resemblance to Mnemia. It is at once distinguished by the deep furrow separating the anterior and posterior lobes from the lateral spheromeres, a character by which

the Bolinidæ are readily separated from the Mnemiidæ proper. The generic peculiarity of Mnemiopsis consists in the great development of the auricles, and in the prolongation of the locomotive flappers to the actinal margin of the large lobes, so that the rows of locomotive combs are visible from the actinal side, as well as Fig. 95.

from the abactinal side, of the body. Figs. 95 and 96 represent, in the size of life, the only species I know of this I have called it MNEMIOPSIS genus. GARDENI in memory of Dr. Garden, a distinguished naturalist of Charleston, contemporary of Linnœus and friend and correspondent of the great Swedish naturalist, to whom science is indebted for the knowledge of the large number of the North American animals enumerated



MNEMIOPSIS GARDENI, Aq. o mouth. - hi ha tentacles. - n 18, " is lateral ambulacra. - x8 x1, χ⁵ χ⁴ auricles. — 11 anterior and posterior lobes. — 12 B, B B anterior and posterior ambulacra.

This species is very transparent, hyaline, of a milkish in the "Systema Naturæ." white tint, with grayish ambulacra, faintly iridescent. Whether it is identical with the species mentioned by McCrady as Bolina littoralis or not, I have at present no means of ascertaining.