

MODIOLOPSIS FABÆFORMIS, Raymond.

Plate III, figs. 7, 8 and 9.

Modiolopsis fabæformis, Raymond. 1905. Amer. Journ. Sci., Fourth Series, Vol. XX, p. 374.

A few specimens that are probably referable to this species, though the dorsal margin of each is not quite so high posteriorly as is that of a typical specimen of *M. fabæformis*, a right valve from Valcour Island, kindly lent to the writer by Mr. Raymond. Three of the best of these specimens from the Hog's Back are figured on Plate III. They may be described as follows:—

Shell very small, rather strongly convex, most prominent and tumid on the posterior umbonal slopes, with a faint, wide, shallow and oblique depression in front of them; maximum thickness through the closed valves nearly as great as their maximum height; valves elongated, twice as long as high and very inequilateral.

Anterior portion of the valves short, narrowly rounded at its extremity below; posterior portion thereof much longer and a little higher and deeper than the anterior, its extremity either obliquely subtruncate above and apparently bluntly pointed below, as in figs. 7 and 9, or evenly rounded, as in fig. 8. Ventral margin very shallowly, and in some cases (fig. 7) rather obliquely concave anteriorly, and gently and broadly convex behind. Superior border descending rapidly and obliquely in front of the beaks, nearly straight and horizontal behind them; valves highest and deepest at the posterior termination of the hinge line, in consequence of the slight convexity of the ventral margin posteriorly; umbones low, obtuse; beaks small, depressed, incurved, and placed at a short distance from the anterior end.

Test unknown; surface of the cast marked with a few concentric lines of growth. Hinge dentition and muscular impressions unknown.

The original of figure 7, on Plate III, is a cast of the interior of both valves. The specimen represented by figure 8, on the same plate, is a cast of the interior of a right valve, with a somewhat straighter ventral margin, and more regularly rounded posterior extremity. In its size and marginal contour this specimen closely resembles the Trenton fossil figured by Hall as a "large and characteristic form" of *Modiolopsis jaba* (Conrad) on Plate 35, fig. 6 a, of the first volume of the Palæontology of the State of New York. The cast of the interior of a right valve represented by fig. 9 on Plate III, is rather like