

collected by Mr. Sowter, and now in the museum of Yale University. At this locality numerous casts of right and left valves have been collected by Dr. H. M. Ami and by Mr. Sowter.

In Mr. Billings' collection of fossils from the Hog's Back there are eleven casts of the interior of single valves of *S. Canadensis*. Most of these are imperfect and badly preserved, the three specimens figured on Plate III being the most perfect but by no means the largest. In figure 14 on that plate the ventral margin is a little restored. The generic definition of *Sowteria* is largely based upon these three figured specimens, and the following description of some of their presumably specific characters may be added. Anterior portion of each valve very short, in some specimens truncated almost vertically at its extremity, in others faintly concave under the beaks above, and rounded at or below the midheight; posterior portion moderately elongated, its extremity obliquely subtruncate above and narrowly rounded below. Superior border and ventral margin nearly straight or very gently convex; beaks nearly or quite terminal.

In a right valve of *S. Canadensis* from Aylmer, collected by Dr. Ami in 1893, there is an oblique, shallow, median depression.

B. *From the Chazy shale at the Hog's Back.*

CTENODONTA PARVIDENS, Raymond.

Plate III, fig. 16.

*Ctenodonta parvidens*, Raymond. 1905. Amer. Journ. Sci., Fourth Series, Vol. XX, p. 372.

The cotypes of this species are two specimens from the Chazy shale at the Hog's Back, collected by Mr. Sowter and now in the museum of Yale University. Both of these specimens show impressions of the hinge teeth.

*C. parvidens* appears to be the most abundant and characteristic fossil of the Chazy shale at this locality, where specimens have been collected by Dr. Ami and Mr. Sowter, as well as by Mr. Billings. Dr. Ami has also found numerous specimens of it in the Chazy shale at Rockland, on the Ottawa River, twenty-one miles below Ottawa, in the township of Clarence.

In Mr. Billings' collection from the Hog's Back there are nine casts of the interior, either of separate valves or of the two valves united, all of which show impressions of at least some of the hinge teeth. The following is an original description