

Anterior portion of each valve short, and comparatively broadly rounded; posterior moiety of the same longer, moderately produced, narrowing rapidly both above and below, and bluntly pointed at its extremity; ventral margin forming a longitudinally semioval curve; superior border descending rapidly in front of the beaks, and rather more gradually so behind them; umbones broad and prominent; beaks incurved and placed at a short distance from the anterior end.

Test unknown; surface of casts of the interior smooth. Hinge dentition also unknown. Anterior muscular scar deeply impressed and concentrically striated; posterior scar indistinctly defined, apparently narrowly subovate and acutely pointed above.

Three casts of the interior of single valves, two of which are figured, and one cast of the two valves united.

SOWTERIA, gen. nov.

Shell rather small, equivalve, moderately convex, sometimes tumid and always most prominent on the oblique posterior umbonal slope; subtrapezoidal in marginal outline, a little longer than high, and very inequilateral. Posterior area defined by an abrupt inflection of each valve at and behind the subangular umbonal declivity.

Test unknown; in casts of the interior the greater part of the surface is marked by a few large concentric rib-like folds, but the posterior area of both valves is nearly or quite smooth. Hinge dentition and muscular impressions unknown.

Type and only known species of the genus, *Whitella Canadensis*, Raymond.

All the specimens of *W. Canadensis* that have yet been collected show only the general shape of the shell and its coarser surface markings. These, however, are so peculiar as to be readily distinctive. The reference of these shells to the genus *Whitella* can scarcely be regarded as satisfactory, and the writer would prefer to regard them as more probably indicative of a new generic type, whose precise affinities have yet to be ascertained, and for which the name *Sowteria* is here provisionally suggested.

SOWTERIA CANADENSIS (Raymond).

Plate III, figs. 13, 14 and 15.

*Whitella canadensis*, Raymond, 1905. Amer. Journ. Sci., Fourth Series, Vol. XX, p. 373.

The cotypes of this species are casts of the interior of two detached left valves from the Chazy sandstone at Aylmer, Que.,