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DESCRIPTION OF A FOSSIL CYRENA FROM ALBERTA.

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(With one plate.)

In 1888, Mr. T. C. Weston, of the Geological Survey Department, made an interesting collection of fossils from the rocks exposed at Fossil Coulée, Milk River Ridge, in southern Alberta. According to Dr. G. M. Dawson, the plateau through which this coulée is cut is capped by the Pierre shales, and the section in the coulée itself "may be regarded as a representative one of the upper or pale portion of the Belly River series."† The species represented in this collection are apparently as follows: *Anodonta propatoris*, White, several good specimens; *Unio*, three undescribed species, one very large; *Cyrena* a large and previously undescribed species; *Physa Copei*, White, the short spired typical form; *Goniobasis*, two species; all purely fresh-water forms: and a land shell, like *Anchistoma parvulum*. The *Cyrena* in this collection may be thus named and described:

CYRENA ALBERTENSIS, sp. nov.

Shell quite large for the genus, moderately convex, ovately subtrigonal in marginal outline, a little longer than high, and very inequilateral.

Anterior side short, rounded; posterior side longer and more pointed, most produced in the postero-basal region, the posterior extremity being subtruncate rather obliquely above and narrowly

* Communicated by permission of the Acting Director of the Geological Survey.

† Geological Survey of Canada, Report of Progress for 1882-83-84, pp. 50 and 51C.