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Etched Boulder at Ames, Iowa (Abstract)

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Minnekahta of the Black Hills and, with the exception of one species, the first to be described from the Kaibab and the Chupadera of Arizona and New Mexico.

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ETCHED BOULDER AT AMES, IOWA

(ABSTRACT)

C. S. GWYNNE

A large rounded granitic glacial erratic from the Iowa State College campus has several granitic dikes up to a few inches in width criss-crossing it. They project from the surface of the dike as much as three inches and have smooth surfaces. The surface of the granite country rock is pitted but quite sound. It is believed probably that the boulder has been etched by wind action.

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PLEISTOCENE HISTORY OF MISSISSIPPI RIVER

(ABSTRACT)

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From its earliest known record immediately prior to the advance of the Nebraskan glacier to the present time the course of Mississippi River was affected by each advancing ice sheet in turn. The Nebraskan glacier displaced it to the east, the Kansan glacier shoved it farther east, the Illinoian glacier pushed it back west, with the retreat of the Illinoian ice it took an easterly course again, the Iowan or earliest Wisconsin glacier diverted it from one minor channel to another, the Green River lobe of the Tazewell Wisconsin ice sheet forced it back into a western course and started the Rock Island rapids, and the latest Wisconsin or Mankato invasion resulted in a great fill and the details of the course as it now is.

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