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The Ledges and Pennsylvanian Problems in Iowa

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THE "LEDGES" AND PENNSYLVANIAN PROBLEMS
IN IOWA

JOHN E. SMITH

The geological location of the Ledges in the state, the kinds of rock found there and their arrangement together with their structural features and some other factors, suggest a number of problems concerning the Pennsylvanian system of rocks in Iowa. Some of these problems are pointed out and discussed in this paper.

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GEOGRAPHIC CONTROL OF INDUSTRIES IN IOWA

JOHN E. SMITH

In Iowa, as elsewhere, natural geographic causes produce natural geographic effects. Most of our agricultural enterprises and many of our other industries are located chiefly with respect to these causes. Some non-geographic factors are also involved.

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RECONSTRUCTION OF IOWA'S CRETACEOUS
STRATIGRAPHY

CHARLES KEYES

Notwithstanding the facts that it was in Iowa rocks of Cretaceous age were first recognized in this country, and that the Meek and Hayden now famous, or type, section of the rocks of this age for the continental interior was constructed along the Missouri River, the stratal succession of this region is not genetic expression of the actual sedimentation. The Iowa section is really far from being a characteristic development of the provincial series. The