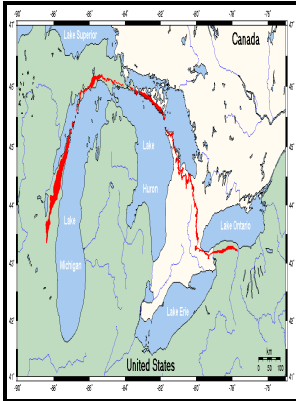


# Stratigraphy of the Lockport Formation (Middle Silurian) in New York State.

s.n - List of fossiliferous stratigraphic units in New York



Description: -

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## List of fossiliferous stratigraphic units in New York

In northwestern Illinois, the Silurian strata are the resistant rocks that cap nearly all the mounds, and they are well exposed in the Mississippi River bluffs from the Galena area southward to the Rock Island vicinity and also along tributary valleys for several miles east of the bluffs.

## NGMDB Product Description Page

The two form a thick reef complex roughly 600 m in diameter and about 68 m thick.

## Geolex — Lockport publications

No major unconformities are recognized within the Silurian System, although sharp contacts and channeling between the Kankakee and Edgewood Formations in western Illinois and the Sexton Creek and Edgewood Formations in southern Illinois may indicate movements on local structures on the flank of the Ozarks.

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SWANN, 1970, Patterns of Devonian sand on the North American craton and their interpretation: Geological Society of America Bulletin, v. In the relatively deep water south of the reef front and around the southernmost reefs, the sediments that were deposited during the growth of the reefs are largely red, green, gray, impure, noncherty limestone, siltstone, and shale; farther north, the reefs are surrounded by gray, cherty, silty dolomite. In northeastern Illinois, Silurian rocks are exposed in large, deep quarries in the Chicago region and in the bluffs of the Des Plaines, Kankakee, Du Page, and Fox Valleys, but in the northern half of that area they are deeply buried by glacial drift.

## Silurian System

The Silurian rocks are dominantly carbonates-- almost entirely dolomite in the northern part of the state Willman, 1943, 1973 but largely limestone, siltstone, and shale in the southern part Lowenstam and DuBois, 1946; Lowenstam, 1949. The Lockport Dolomite is divided into members in

several different geographic areas of the State of NY. Fossils characteristic of the Guelph are also found in the top of the reef at Marine, Madison County Lowenstam, 1949.

### **Proposed Stratigraphic Nomenclature for Lockport Formation (Middle Silurian) in New York State 1**

Unconformably overlies the Clinton Group DeCew Dolomite and conformably underlies the Salina Group Vernon Shale. It is Wenlockian, according to Shaver 1991 , but fig.

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