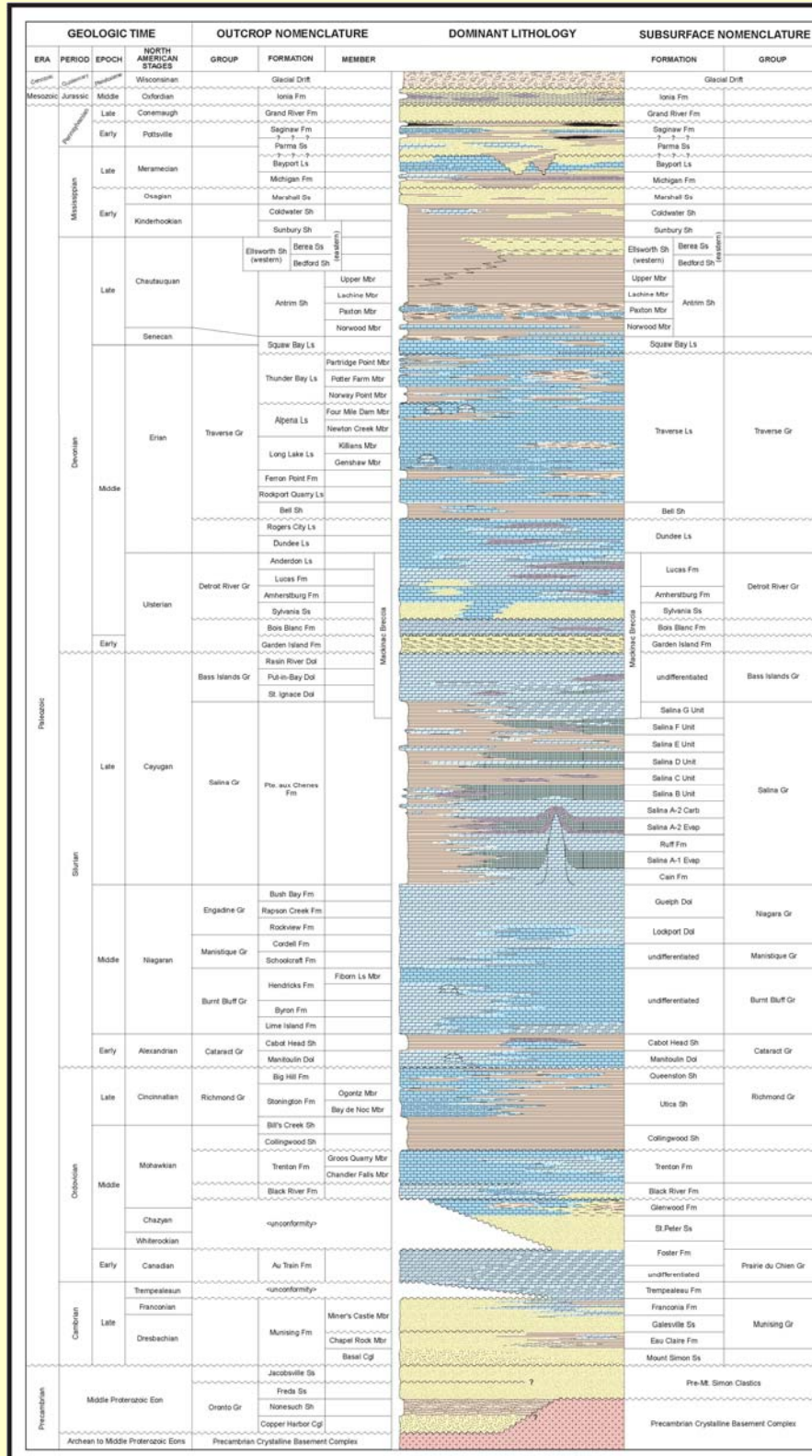



Stratigraphy is the field of geology concerning layered rocks and their interrelationships. The layers serve as reference horizons enabling us to establish the order of geologic events over time in a particular area.

- We look at the rock that makes up the layers – the deepest layers were deposited first.
- We look at fossils and fragments of rocks within the layers. If one type of rock is included in another, it must be older than the rock in which it is included.
- We also look at cross-cutting features. If a rock or other geologic structure cuts across a rock layer, it must have intruded after the layer was deposited and cemented.



STRATIGRAPHIC NOMENCLATURE FOR MICHIGAN

Michigan Dept. of Environmental Quality
Geological Survey Division
Harold Fitch, State Geologist
and
Michigan Basin Geological Society



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2000

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A complete listing of all contributors will be found in the Stratigraphic Lesson for Michigan, of which this column is an integral part.

RELATED TERM CORRELATION

STRATIGRAPHIC POSITION	RELATED TERMS
Ionia Fm	Jurassic Red Beds
Michigan Fm	Clare Dolomite, Brown Limestone, Stray Dolomite, Stray Sandstone, Stray-Slry Sandstone, Stray-Slry Sandstone, Soap Gyp
Colwater Sh	Colwater Red Rock, Speckled Dolomite, Wier Sand
Androm Sh	Charlton Black Shale Member, Ellipton, Chester Black Shale Member, Upper Black Shale, Light Antrim, Lower Black, Lower Antrim, Middle Antrim, Middle Gray Antrim, Dark Antrim, Middle Gray Shale, Unit 1A, Unit 1B, Unit 1C, Croppo Creek Gray Shale Member
Dunder Ls	Reed City Member/Dolomite/Anhydrite
Lucas Fm	Freer Sandstone, Homer Member, Lutz Member, Massive Salt/Anhydrite, Soul Zone, Big Anhydrite, Ruffled Zone/Member/Anhydrite, Big Salt
Amherstburg Fm	Filer Sandstone, Meidrum Member, Black Lime
St. Ignace Dolomite	Salina H Unit
Salina G Unit	Big Salt, B Salt
Ruff Formation	Salina A-1 Carbonate, Rabbit Ears Anhydrite, Salina A-0 Carbonate
Cañon Fm	Salina A-0 Carbonate
Gueph Dolomite	Brown Niagara, Nagaran Reef, Pinnacle Reef, Engadine Dolomite
Lockport Dolomite	Gray Niagara, White Niagara
Burnt Bluff Gr	Clinton Formation
Trenton Fm	Cap Dolomite
Black River Fm	Van Wert Zone, Sneaky Peak, Black River Shale
Glenwood Fm	Goodwell Unit, Zone of Uniformity
St. Peter Sandstone	Bruggers Sandstone, Jordan Sandstone, Knox Sandstone, Massive Sand
Prairie du Chien Gr	Foster Formation, New Richmond Sandstone, Lower Knox Carbonate, St. Lawrence Formation, FIFOC, Onondaga Dolomite, Brazos Shale
Tempesteau Fm	Lodi Formation
Galesville Ss	Dresbach Sandstone
Pre-Mt. Simon Clastics	Pre-cambrian "Red Beds"

