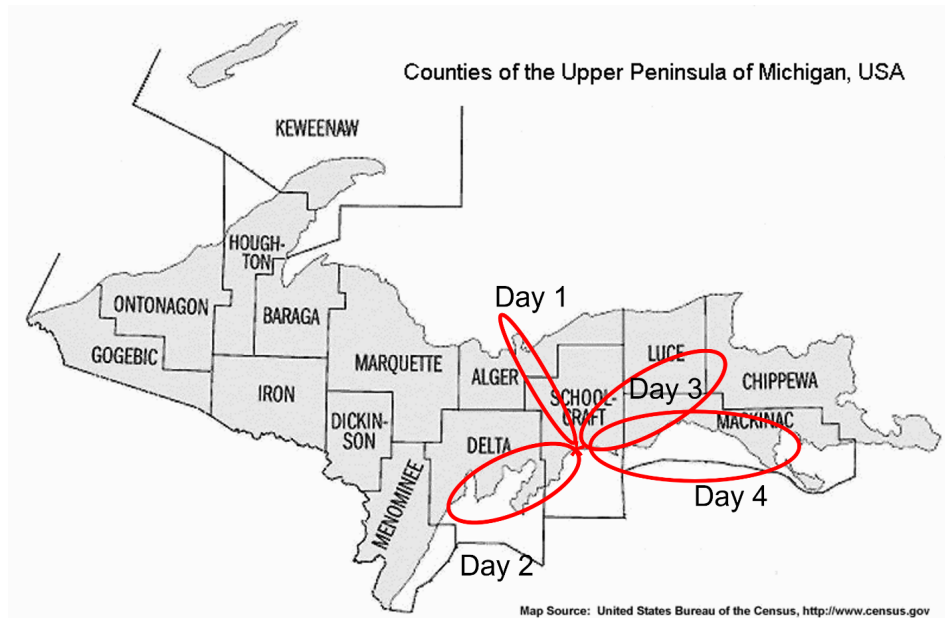


2022 MESTA Summer Field Trip Itinerary



Monday, August 1st (Cambro-Ordovician Rocks)

Stop 1 – meet at Miners Castle, Pictured Rocks National Lakeshore – visitor center

- Overview of Cambrian and Ordovician age units, Munising Formation
- Coastal geology and geomorphology

Stop 2 – Munising Falls, Pictured Rocks National Lakeshore

Picnic Lunch (bring your own lunch materials)

Stop 3 – Au Train Dolomite, Au Train Falls

Picnic Lunch (bring your own lunch materials)

Stop 4 – Munising Formation and Au Train Dolomite, Laughing Whitefish Falls

Stop 5 – Trenton Formation, Rapid River Falls

August 2nd (Ordovician and Lower Silurian Rocks)

Stops 6 and 7 – Stonington Formation, Fossil collecting

Picnic Lunch (bring your own lunch materials)

Stop 8 (very brief) – Big Hill Dolomite, discussion of Fossil Lagerstätten – but not able to go on site (U.S. Forest Service has restricted access)

Stop 9 Cabot Head Shale exposure, near Moss Lake

Stop 10 Burnt Bluff Group, north of Manistique

August 3rd (Silurian Rocks)

Stop 10 Fayette State Historical Park – Burnt Bluff Group carbonates

Stops 11-12 – Burnt Bluff Group - road outcrops on Garden Peninsula

Picnic Lunch (bring your own lunch materials)

Stop 13 – Seul Choix Point – Engadine Group outcrops on shoreline and historical tour of Lighthouse

Stop 14 – Fiborn Quarry, Burnt Bluff Group Carbonates

Stop 15 – Scott’s quarry, Manistique Group Carbonates

August 4th (Upper Silurian-Lower Devonian)

Out of completeness’ sake – this day will cover the upper Silurian-lower Devonian rocks over by St. Ignace.

Depending on which direction people will be driving – this day will be optional (and maybe could be revisited in a future field trip that focuses on this part of the Upper Peninsula)

Stop 16 – St. Anthony’s Rock, Mackinac Breccia, St. Ignace

Stop 17 – Pointe Aux Chenes Shale Outcrop – northern St. Ignace

Stop 18 – West Lant Dr. Mackinaw Breccia, northern St. Ignace (collecting stop)

Lunch – If do stop 15, then would set rendezvous point/time in St. Ignace – lunch would be built into this time – stops 16-18 would be done post-lunch. If don’t do stop 15, then would fit lunch in between 16 and 17 – many restaurant choices in St. Ignace)

Participants could then leave from St. Ignace to go south, or return to central UP for the Ishpeming Mineral Show/AIPG Conference, etc.