

**MGMC Meeting**  
September 24, 2019

**Visitors:**

Kevin Gass, son of presenter, along with his son and wife.

**Lab update:**

- Additional supervisors needed.
- new intro lap class began Wednesday, September 18 and runs through October 23
- New intermediate lapidary class will begin Wednesday, November 6

**Field Trip**

Oct 6. Noon - 3p.

**Show & Tell**

Rebecca N - found rock with crystal, needs help identifying

Scot M - agates

Georgia - finding from Salida, CO

**Club Show:** November 23 & 24

volunteers needed:

- Ticket Sales
- Club Sales
- Gold & Sapphire Panning
- Security
- Exhibits
- Set-up/Tear down
- Demonstrations (Nick)

Show committee meeting 2nd Tuesday of October

Elections are coming up in November

Election board: Allen Hill (chair)

**Competition:** Fuzzy Rocks

1st Place: Malachite (Scot M.)

2nd Place: Cyanotrichite (Rebecca N.)

**Speaker:** Chris Gass

**Fossils of the Milwaukee Formation**

Disconformity in land formation

Many types of fossils/fossilization:apatitic skeletal materials fossilized

organic remains fossilized by carbonation and permineralization

Bivalve shells fossilized by replacement

Internal molds vs permineralized shells  
geodization: calcite geodes  
asphaltum deposition  
Color patterns in skeletal materials  
Life and death assemblages

Life in Devonian Milwaukee  
Organism interactions (in crusters)

Protists: Radiolarians, Foraminifers

Corals did not form reefs  
Rugose Corals related to sea anemone  
Tabulate corals  
Tentaculites  
Bryozoans  
Hederelloids  
Brachiopods: 48 species

- Linguliform
- cranioform

Hyaloliths

Mollusks:

- gastropods
- rostroconches

Bivalves

Cephalopods

Arthropods

Trilobites

Phyllocarids

Echinoderms

Crinozoans: crinoids

Blastoids

Edrioasteroids

FISH

Arthrodiras

Ptytodonts

Rhenaniformes

Find more details in his book

Fossils of the Milwaukee Formation: A Diverse Middle Devonian Biota from Wisconsin, USA.

Co-written with Joanne Kluesendorf, Donald G. Milulic and Carlton E. Brett.

