



**WAYNE COUNTY  
GEM AND MINERAL CLUB  
NEWS  
VOLUME 35 No. 02 February 2009**



**OFFICERS:**

**PRESIDENT:**

Pat Chapman 607-868-4649

**VICE PRESIDENT:**

Jerold Donahue

585-548-3200

**SECRETARY:**

Sue Hoch

suehoch@mac.com

**TREASURER/**

**MEMBERSHIP CHAIR:**

Bill Lesniak 315-483-8061

**PROGRAM \*:**

Andrea Kords 315-926-1401

**HOSPITALITY:**

Pat Chapman 607-868-4649

**FIELD TRIP CHAIR:**

Bill Chapman 607-868-4649

**DIRECTORS:**

Ken and Roxanne Rowe

315-331-1438

Terry Wilson 315-462-9222

**PAST PRESIDENT:**

Stan Griffin 315-462-3282

**EDITOR:**

Rebecca Remington

waynecounty.gemandmineral  
club@yahoo.com

315-926-1155

**Mini-Miners:**

Bill Chapman 607-868-4649

Heather Bornemann

Julie Zeller

## **President's Message**

Snuggie. Check. NYS topographic maps. Check. Dreams of Warm Weather & settling for our first club trip. CHECK! How do YOU cope with the mid-winter blues? I've been doing research at the Rochester Museum & Science Center. Gets me out of the house & involved with something new. Glaciers in NYS have been my focus and the more I learn, the more I realize how little I know. First started thinking about them at the Walworth Quarry when I found evidence of glacial polish – scratches made in bedrock as the glacier retreated. Everyone else wants small rocks – fluorites, calcite - not me. I want large slabs & Bill just shakes his head. Guess it's a toss up who ends up with more tonnage collected this year. How are you keeping yourselves occupied? We'll open the doors at 6:30 PM. There's no Board meeting at 7 PM any longer so we'll have some time to visit, trade and catch up. The regular Meeting & Mini-Miner Program will begin at 7:30 PM. Hope this works well for everyone. See you Soon! *Pat*



## **100 Ultimate Things for Geology Lovers to Do!**

(contributed by Bill Lesniak: <http://geotripper.blogspot.com/2008/12/100-things-youve-done-meme-geologists.html>)

1. See an erupting volcano
2. See a glacier
3. See an active geyser such as those in Yellowstone, New Zealand or the type locality of Iceland
4. Visit the Cretaceous/Tertiary (KT) Boundary. Possible locations include Gubbio, Italy, Stevns Klint, Denmark, the Red Deer River Valley near Drumheller, Alberta.
5. Observe (from a safe distance) a river whose discharge is above bankful stage
6. Explore a limestone cave. Try Carlsbad Caverns in NM, Lehman Caves in Great Basin National Park, or Kentucky caves or TAG (Tenn, Alabama, and Georgia) Ranges or Klamath Mountains of California).
7. Tour an open pit mine, such as those in Butte, Montana, Bingham Canyon, Utah, Summitville, Colorado, Globe or Morenci, Arizona, or Chuquicamata, Chile.
8. Explore a subsurface mine.
9. See an ophiolite, such as the ophiolite complex in Oman or the Troodos complex on the Island Cyprus (if on a budget, try the Coast Ranges or Klamath Mountains of California).

*(continued in the next newsletter)*

## 'N Now, the ANSWERS to the Winter Geology Quiz!

12/25/08 and also Friday December 26, 2008 By Andrew Alden

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Herewith, the answers to the Winter Geo-Quiz. Commence quibbling, whining and kibitzing! (But first, make sure you *took* that quiz.) Listen to planetary music while checking your answers: <http://www.chez-fleur.com/Uraniborg/Uraniborg12.html>

1. A geologist's hammer
2. Ice
3. Its pygidium; its cephalon
4. All occur in the Arctic ice cap
5. All are glassy
6. B
7. Pillows, colonnade, entablature, vesicular cap - the parts of a continental basalt flow
8. Dolomite is named for a person while the rest are named for places
9. Massicot is not a sulfide
10. Scotia is smallest, Nazca largest
11. Archeocyathids didn't make it out of the Cambrian
12. Only carbon dating relies on actually measuring radioactivity
13. Foidolite (foidite is volcanic)
14. Tephrite
15. Catenas are known from more than one planet, unlike the others
16. No and no
17. Gakkel
18. Biotite (in the Bowen reaction series)
19. Hawaiian
20. Archean, then the Hesperian (on Mars) and the Eratosthenian (on the Moon)

### First-Letter Mnemonics for Geology

Contributed by Bill Lesniak from the website: [http://en.wikiquote.org/wiki/List\\_of\\_first-letter\\_mnemonics](http://en.wikiquote.org/wiki/List_of_first-letter_mnemonics)

- o Geological time scale The full mnemonic can be broken down to recall each of the epochs.<sup>[11]</sup>
  - **Camels Often Sit Down Carefully Perhaps Their Joints Creak Possibly Easing Oils May Prove Positively Helpful.**
  - Paleozoic **Camels Often Sit Down Carefully Perhaps** Cambrian, Ordovician, Silurian, Devonian, Carboniferous, Permian Mesozoic
  - **Their Joints Creak** Triassic, Jurassic, Cretaceous Cenozoic

**Possibly Easing Oil May Prove Positively Helpful** Paleocene, Eocene, Oligocene, Miocene, Pliocene, Pleistocene Holocene.

Tertiary (most recent first) **Please Make One Era, Pal** Pliocene, Miocene, Oligocene, Eocene, Paleocene

- Mohs scale of mineral hardness

**Tall Girls Can Flirt And Other Queer Things Castrate Donkeys**<sup>[12]</sup> **Tall Gypsies Can Fight And Order Queens To Carry Diamonds** **Toronto Girls Can Flirt And Only Quit To Chase Dwarves**

Talc, Gypsum, Calcite, Fluorite, Apatite, Orthoclase, Quartz, Topaz, Corundum, Diamond. See pg 3

**ANYBODY GOT TVO??? WATCH A RE-RUN OF THIS!!! THE WILD WEST** Airdate: Jan. 17, at 9 p.m. ET Travel Channel (40 on Finger Lakes Time Warner) Contributed by Bill Lesniak-- Join Kirsten Gum as she takes her treasure hunting skills to the peaks and valleys of the Wild West. First, she climbs to the top of a 14,000 ft. peak in Colorado in search of valuable gemstones: Aquamarine and Smoky Quartz. Then she saddles up her horse to work as a ranch hand in the desolation of West Texas to get some rare Red Plume Agate - the only place in the world where it's found. In Aug. 2008, Indigo Films visited Chaffee County and produced a television show for the Travel Channel's "Treasure Hunter: Kirsten Gum" (formerly "Cash and Treasures"). Cindy and Dirk Peratt of *The Rock Doc* arranged the adventure. Steve Brancato of *Bonafide Mining* allowed the film crew to dig for gemstones on his claim on Mount Antero. The crew also rafted the Arkansas River and spent a day climbing to the summit of the mountain. Additional footage which was *not* included in the television show might be **webcast** on the Travel Channel website.

## UPCOMING WCGM CLUB MEETINGS

Feb 13th, 2007 (Friday) Park Presbyterian Church, Newark, NY

North entrance doors open at 6:30pm. No board meeting. Mini-miners and general meeting start 7:30pm. *SPEAKER-Peter Evans, Wayne County Historian, to be speaking on the topic of: The history of mining in Wayne County.*



March 13, 2009 (Friday)

Regular meeting night. North entrance doors open at 6:30pm.  
Mini-miners and general meeting at 7:30pm

### First-Letter Mnemonics for Geology

(continued from page 2)

Remember Stalagmites vs Stalactites

- stalagmites - **G**: ground - look like an 'm'  $\Lambda$ , rise like mountains
- stalactites - **C**: ceiling
- stalactites for French tomber (fall down)
- stalagmites rise mightily from the floor, while stalactites hang on tight to the ceiling.

### Arkansas Quartz Field Trip April 7-10, 2009

By: Cindi Newman of the Rochester Club.  
Contributed by Bill Lesniak, and also on the EFTA website. Thanks, Dirtman!

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**The following Field Trip is open to anyone who will agree to follow quarry rules and dress codes, but unless we get at least 15 committed reservations by March 15th, the trip will be canceled. The Rochester Lapidary Society is working with Dave Millis for an Arkansas Quartz Field Trip April 7-10, 2009 around the Mt. Ida, Arkansas area. Trip leader is Dave Millis. Contact either Dave Millis at cell #305-395-9560 or Cindi Newman, Rochester Lapidary Society Field Trip Coordinator at cell#585-261-4747. Continued on page 4**

### ROCK-HOUNDING AND FINDING U. S.A.

**Feb 2009 21-22: Albany, NY** - 16th Annual James Campbell Memorial "Gem, Mineral & Fossil Show" sponsored by the Capital District Mineral Club and NY State Academy of Mineralogy. Museum of the Empire State, 4th Floor, Empire State Plaza, Albany, NY.

**March 2009 21-22: Gaithersburg, MD** - 45th annual show; The Gem, Lapidary & Mineral Society of Montgomery County, Maryland; Montgomery County Fairgrounds, 16 Chestnut St.; contact George Durland, 8600 Bunnell Dr., Potomac, MD 20854, (301) 299-8213; e-mail: GDurland1@verizon.net; Web site: www.glmismc.com. **28-29: Holyoke, MA** - Western Massachusetts Mineral, Jewelry & Fossil Show sponsored by the Connecticut Valley Mineral Club. Holiday Inn at Ingleside, Holyoke, MA.

**Oct 2009 16-18: Bristol, CT** - 37th Annual Gem & Mineral Show and **59th Annual EFMLS Convention** hosted by the Bristol Gem & Mineral Club. Beals Community Center, Bristol, CT.

### KUDOS---

Bill Lesniak and Pat Chapman for contributions. Michael Kessner for announcement. Peter Evans for being a speaker. Sue Koch for minutes. Bill Lesniak for newsletter help. To Julie Zeller and Darryl Powell for mini-miner activities.

## Arkansas Quartz Field Trip April 7-10, 2009 (continued from page 3)

Travel days are April 4-6; Dig days are April 7-10, traveling home April 11-12th. You travel at your own pace, alone or in small groups. It is about 1300 miles to Hot Springs from northern PA.

A group number is needed before setting the sites, so **pre-register by March 15th** with Dave M. or Cindi Newman. **Decide early (before 3/21/09)**. The trip will be canceled if less than 15 register. We already have 4 signed up.

Most of us will be camping at sites along the Ouachita Reservoir. I'll be on Loop C about 8-10 miles from Mount Ida. Motellers can stay in Mt. Ida or Hot Springs. We will go to the western sites first and end with one of the Coleman mines near Jesseville. The Field Trips will start each day at 8am and this would allow you to get there from either town as they are about 40 miles apart. The meeting places change each day, so you must not miss the first one. Cell phone reception is sketchy. The first day we meet at the Fiddlers Ridge Rock Shop, north side of highway 270, west of the campground and 7 miles east of Mt. Ida.

On previous trips I have visited 5 sites out of dozens and my favorite is Fiddlers Ridge. The owner has also purchased the Bear Mine. We may visit both. Some people do not like the phantom mine site because we found no phantoms, but the clusters were nice. Each site has its own way of operating which leads to a variety of digging techniques. Sites charge about \$20 per person per day and there are no limits to the amount you can take. Last trip I collected about two 5-gallon pails from each site. We only visit one site per day (four total).

**Tools:** Some places you might want to have a sledge, others just a potato hook or screen box. You might be digging in the dirt for loose crystals or chunking down a boulder with a face of quartz crystals. When deciding which tools you want to bring, remember your own physical abilities. Don't bring a sledge if you can't swing it. Here's my list: crack hammer, several sharp or new chisels, a couple of small spring wedges, one sledge (no, you may not use mine), a potato hook, long handled shovel, trench shovel, 2 small pry bars (no crow bars), lots of 2 gallon pails - 5 gallon bucket of quartz is too heavy for me to carry but once at the car, material can be transferred; packing material, gloves, safety glasses, safety helmet, long jeans, leather shoes. Bring insect spray just in case. Walking distances to the digging tends to be very short.

### **FIELD TRIP TO THE ANNUAL NYS GEM, MINERAL & FOSSIL SHOW, ALBANY, NY**

Empire State Plaza, Madison Avenue, Albany, NY

The Gem & Mineral Society of Syracuse is having a "Class Trip" **February 21, 2009 (Saturday)**  
**GMSS members & non-members welcome! Minimum of 30 people needed.**

Check out [www.nysm.nysed.gov](http://www.nysm.nysed.gov) museum details.

**When: Sat, February 21, 2009**

Leave Syracuse 8AM from Shoppingtown Mall parking lot movie theater area

Arrive Albany museum approx. 10:30 AM Leave Albany 5:00 PM

Arrive back at Shoppingtown Mall parking lot approx. 9PM

**Cost:** \$30 (for the bus) for GMSS members, plus your admission to both the gem and flower shows \$6. Bring family members, relatives, friends, they pay \$35!

Send check for \$30 or \$35 per person, made out to **GMSS** received not later than February 13, 2009 to:  
Dick Lyons, Field Trip VP, 48 Elm St., Camillus, NY 13031 Phone (315) 488-6444 or (315) 672-5328  
[rchlyns@aol.com](mailto:rchlyns@aol.com) In the event of a weather cancellation, checks will be returned.

## WAYNE COUNTY GEM & MINERAL CLUB MINUTES

January 9, 2009

**Board of Directors meeting** started at 7:10 P.M.

Discussed sending ALAA \$50 from club. Was held to discuss with club. Renewal of affiliations AMFED and EFMLS with dues OK'd. We need to modify our show-club info to Federation. It was decided to leave Andrea Kords as club contact for the Kords Show. It was to be made clear that the Oct. Show was not the club's show but that we are participants because of insurance concerns. Bill Lesniak presented a bill of \$29.94 for 6 months website use. Jerry Donahue put in a motion to pay the bill, and Ken Rowe seconded the motion. The motion was approved by club members. There was talk about insurance availability but was tabled until the next board meeting, Monday Jan. 12<sup>th</sup>, at the Rowe's house due to time constraints.

**Regular Club meeting** started at 7:30 P.M.

**Treasurer's Report:** A current fiscal report was read by Bill Lesniak. Jerry Donahue made the motion for approval of the report and Don Schlitz seconded it. Approved. Another bill was brought up for \$50 for paper products & plastic silverware for the club submitted by Pat Chapman. Ken Rowe made a motion to pay the bill and Dan Pierce seconded the motion. Approved. As approved at the last meeting in December, the club's usual donation of \$125.00 was increased to \$150.00 and paid to the church.

A new member Wendy Simpson, from Fairport joined and told us she received her love of rocks from her mother when taking walks on the beach in Michigan. Her mother worked for Ward's Natural Science Establishment located in Rochester.

**Committee Reports:** Pat Chapman went over what each of the committee positions are and & introduced those who head them up.

Auditors – Dave Kords & Don Schlitz

Field Trips – Bill Chapman, Stan Griffin & Jerry Donahue

Club Liaison – Dave Kords

Hospitality – Sue Hoch & Brennan Bastedo

Librarian – Ken Rowe

Membership – Pat Chapman

Mini-Miners – Julie Zeller

Newsletter Editor – Becky Remington

Programs – Board of Directors

Property Chair – Ken Rowe

Safety Chair – Jerry Donahue

Webmasters – Bill Lesniak & Pat Chapman

Nominating Committee – to be named at Sept. meeting

Bill Lesniak read a paper about transportation to Albany for the NYS Museums Rock and Gem Show. The Syracuse Club is sponsoring a bus ride to the show for \$35.00 round trip from Syracuse. A sign-up list was also passed around to sign up for a club car pooling to this event. For more information or to add your name to the list contact Bill Chapman 607-868-4649. We will be going on 2/21 with a snow date of 2/22 if necessary. Andrea Kords said there is also a flower show at the same time at the State Museum. Informational links are on the clubs website.

There was a motion to adjourn by Jerry Donahue and seconded by Ken Rowe at 8:20 P.M. It was voted and approved by the club.

Everyone reconvened upstairs to view the National Geographic special on the "Crystal Cave" in Naica, Mexico. If you missed the show and have cable go to National Geographic on demand. The cave of crystals is incredible.

This report is respectfully submitted by Susan Hoch. 1/13/09



**WAYNE COUNTY GEM AND MINERAL CLUB, INC.**

**MEETINGS:**

Held 2<sup>nd</sup> Friday night of each month  
at 7:30pm at Park Presbyterian Church basement,  
Maple Court, Newark, NY

**WEBSITE: [www.wcgmc.org](http://www.wcgmc.org)**

**ORGANIZED:** 1973 **INC.** 1976

Affiliated with the AFML and EFMLS of Mineral  
Societies since 1973.

**OFFICERS:** Elected at the October meeting, taking  
office In November for a 2-year term.

**FISCAL YEAR:** Oct. 1<sup>st</sup> to Sept. 31<sup>st</sup>.

**\*\*NEW ANNUAL MEMBERSHIP CLASSES AND**

**DUES (due Oct 1<sup>st</sup>):**

\$10.00 JUNIOR or STUDENT

(18 yrs> with no parents in the club)

\$15.00 REGULAR or ONE SINGLE ADULT (Over  
age of 18 years old)

\$20.00 FAMILY MEMBERSHIP

(Includes 2 adult votes and children)

*Send due, SASE with your info to:*

WCGMC, P.O. Box 4, Newark, NY14513

**OBJECTIVE:** TO STIMULATE INTEREST IN THE EARTH  
SCIENCES, IN COLLECTING AND CLASSIFICATION OF  
MINERALS, AND IN THE ART OF GEM CUTTING.

**The public is welcome!!**

**MSHA SAFETY COURSE OFFER:**

Fellow Rock Hounds,

We are presently setting up a course leading to MSHA  
certification for quarry safety. The date, time and place have  
not been decided. The course will be free. Participants will  
need to be present for lunch since the course is a full day.  
Each person leaves with a MSHA certification. The course  
is # 46 for quarry contractors. Are any members of your  
club would be interested? **Please RSVP asap** (to Bill or  
Pat Chapman). These people should be used as quarry  
safety officers for (field) trips into such sites.....

.....Michael Kessler, EFMLS regional VP

**"OCTOBER SHOW" NEWS---**

Happy New Year! Just to give everyone a heads up I just  
got the confirmation from the school for the Wayne County  
2009 show. We have the first weekend in October so set up  
will be Oct. 2 with the show on the 3rd and 4th. We are  
always looking for people to do exciting displays we have up  
to 6 cases we can use . We will have flyers available soon  
and we can use all the help we can get to spread the word  
so pass this information along to all who may be interested  
in attending our show. -----Andrea Kords (315) 986-1171



Stamp

**Wayne County Gem and Mineral Club**  
Rebecca Remington-editor  
C/o WCGMC  
P.O. Box 4  
Newark, New York 14513

First class: dated  
meetings and time  
valued.