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FRIENDS OF MINERALOGY MIDWEST CHAPTER

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Rocks & Minerals

SATURDAY, JUNE 25, 2005, 12:00 NOON

12:00 noon Indiana time—1:00 pm Ohio time

BLOOMINGTON, INDIANA

In conjunction with the 40th Annual Gem, Mineral, Fossil Show & Swap

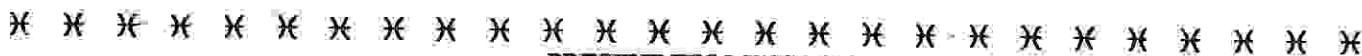
Sponsored by Lawrence County Rock Club

Monroe County Fairgrounds, W. of Bloomington



GEORGE SIMMONS on OHIO AREA MINERALS

Member George Simmons will be our featured speaker. Mr. Simmons is a retired chemist with minerals as a hobby. He and his wife, Billie, wrote a book "Minerals of the Cincinnati Arch" in 1988 and updated the book in color in 2003. He has done four more books on other subjects and has a couple more in progress. Mr. Simmons prefers the sedimentary minerals of the Midwest—mostly from the Silurian Lockport formation. He is a member of the Cincinnati and Dayton minerals clubs. He is also a micro mounter and attends the Cleveland, Baltimore, Rochester and Canadian micromount symposiums each year. He thinks sedimentary minerals are the greatest.



PRESIDENT'S MESSAGE

Symposium News—Greetings!! There are a number of items to report. A registration form is enclosed for this year's Field Symposium, which includes visits to quarries at Sylvania and Genoa on Saturday, September 24 and West Millgrove on Sunday, September 25. Maps will be mailed to all registered participants. The Fox quarry on South Bass Island which had been scheduled tentatively, is no longer operating. The excursion to South Bass Island therefore, had to be cancelled. A visit to Crystal Cave hardly seems worth the time and expense without any collecting opportunities. After Genoa, we will drive to Fostoria, West Central Seneca County, for dinner, the Saturday evening Symposium and overnight stay. Holiday Inn Express, Fostoria, has a meeting room for the Symposium and is close to West Millgrove. West Millgrove in Southeast Wood County will provide good collecting for sky blue celestine. Because the visit is Sunday and operations will likely be closed, we will have to park at the gate and walk down into the quarry. John Medici and Joe Vasichko, both experts on the mineralogy of Northwest Ohio, are confirmed speakers for Saturday evening. I will have an update at the Bloomington meeting.

Meeting and Silent Auction: Our next meeting is at the Bloomington show. George Aldred, President of the Lawrence County Rock Club, and I talked about holding a silent auction to raise funds for our chapter. He would like us to do the following. Hold the auctions after our meeting on Saturday, say 1:30 to 4:00 P.M. and run three or four auctions each for a duration of twenty to twenty-five minutes. Please bring your donations with localities and minimum bids to the meeting. We also need help manning the table, as Paul Schwin will be attending a wedding in Missouri. Let us know if you can help. I will try to be there.

Field Trip—August 20—See page 3.

Hope to see you in Bloomington.

ERNIE CARLSON, President,

ecarlson@kent.edu

330-672-3778 (office)

330-678-8875 (home)

MINUTES OF THE MEETING APRIL 2, 2005

The April 2, 2005, meeting of the Midwest Chapter of the Friends of Mineralogy was held at the 2005 CENTRAL OHIO MINERAL, FOSSIL, GEM & JEWELRY SHOW at Columbus, Ohio.

Past President Nelson Shaffer conducted the brief business meeting with six members present.

Nelson Shaffer discussed the fact that the Midwest Chapter as a member of Friends of Mineralogy is an affiliate of the American Geological Institute and supports Earth Science Week with its distribution to high school teachers of a package of handouts on earth science careers. A motion was made and passed that the chapter donate \$100.00 to the AGI to support this work.

Midwest Chapter members 'cleaned up' at the 51st Tucson Gem & Mineral Show, February 10-13, 2005. Bill and Anne Cook of Cleveland won in the best 'small cab' specimen category with their Kermesite. Paul and Janet Clifford, also of Cleveland, took the best in the educational category with their case "Surprise Endings" (which refers to the various termination habits of certain crystalline minerals).

A \$50.00 donation to the AFMS-Midwest Federation Scholarship Fund will be given in memory of Frederick Lewis, a long time member and past president of the Midwest Chapter. Mr. Lewis passed away in September 2004.

Sylvia Sicree is looking for a speaker for the next FoM meeting at the Bloomington show to be held at the Monroe County Fairgrounds on Saturday, June 25, 2005. At that show the chapter would like to hold a silent auction and needs specimens and requests help from several members to conduct the sale.

There being no further business, the meeting was adjourned.

Albert Sicree, Secretary

HELP—HELP—VOLUNTEERS NEEDED FOR BLOOMINGTON SILENT AUCTION

As Paul Schwin, Silent Auction Chairman, will be out of town during this show, he has requested that members help at the Silent Auction tables. We have agreed to hold our auction(s) after the meeting on Saturday from approximately 1:30 to 4:00 P.M. and will need additional donations of minerals and related items to sell. Bring your donations to the meeting with location and minimum bid clearly marked. Bid slips will be available at the meeting. This is a way for the Midwest Chapter to raise funds to support our efforts in the study and preservation of nature's treasures. It is vital that everyone share their time, so please offer your services at the Silent Auction tables.

OFFICERS IN 2005

President: ERNIE CARLSON 330-678-8875 ** ecarlson@kent.edu
 Vice President (Programs): SYLVIA SICREE 937-236-1320
 Co Vice-Presidents—Field Trips: Ernie Carlson – Ohio
 Dwaine Edington – Indiana - 765-345-5514 ** dandme@spitfire.net
 Secretary: ALBERT SICREE 937-236-1320
 Treasurer: LORRAINE WRIGHT 317-784-1159 ** lwright@indy.rr.com
 Manager-Silent Auction: Paul Schwin 419-929-9074
 Newsletter Editor: Marlene Edington 765-345-5514 ** dandme@spitfire.net

FIELD TRIP PLANNED FOR AUGUST 20, 2005

By Ernie Carlson and Paul Schwin

Paul and I are planning a Midwest FoM field trip to the **West Branch of the Huron River at the Erie County-Huron County Border, North Central Ohio**, from 9:00 A. M. to 3:00 P.M., Saturday, August 20. Park along the berm of Lovers Lane just before the bridge crosses the West Branch of the Huron River. Easiest access to Lovers Lane is from Exit 118 (Norwalk exit) of the Ohio Turnpike, turning South on US 250, west on Ohio Route 113 and south on Lovers Lane. A map is enclosed. (Page 4)

We will collect from the large septarian concretions exposed along the banks of the river, seeking crystals of barite, quartz, dolomite and calcite and other less common minerals. The trip is strenuous as wading the river is necessary and large sledgehammers and chisels are needed because the concretions are tough. We will have a canoe available to float equipment and specimens along the river. If you can bring a canoe contact Paul for more details. Because of a possible cancellation due to rainy weather or high river levels, be sure to notify Paul or me by Saturday, August 13 if you are planning to attend.

Paul Schwin
rocknut2@aol.com
 419-929-9074 (home)

Ernie Carlson
ecarlson@kent.edu
 330-672-3778 (office)
 330-678-8875 (home)



OPAL

Opal is a semi-precious stone. It begins as a jelly-like silica deposited by hot springs in crevices. As it hardens much of the water is lost, forming a fine crack. It is these cracks that reflect the light in a play of colors call opalescence. Stones, with the finest cracks have the best play and are known as precious opal.

Hardness varies from 5.5- to 6.5 and the specific gravity from 1.9 to 2, depending largely upon the moisture content. It is chemically very original and so far has not been made synthetically. Although it contains considerable moisture, it is impossible to dehydrate it without destroying it as a gem.

Australia is the leading supplier of precious opal. Other sources are Honduras, South America, Mexico, Saxony and the United State—in Washington, Oregon and Idaho. At one time an opal was believed to bring bad luck to anyone wearing one unless they were born in October.

Via Show-Me Rockhounds 5/69

TOURMALINE

Tourmaline is best found in pegmatite environments, though it does occur in schist, in limestone, in igneous rocks such as rhyolite and other locations. However, it is the tourmaline from pegmatites that is most desirable. Tourmaline is a complex silicate of boron and aluminum usually containing varying amounts of the light metals, plus iron, and other impurities. It is these impurities that play a determining role in the color of tourmaline. The pinks and reds, for example, owe their color primarily to the presence of lithium while the blacks are usually burdened with iron in the structure.

The crystallization of tourmaline is most interesting. Crystals are in the hexagonal system, but often show a pronounced three-sided effect due to poor development or rounding of alternating prisms. Most tourmaline is prismatic, some crystals reaching a length of twenty inches while showing a pinacoid development of a few inches at best. Crystals of tourmaline also show an interesting electrical property, becoming negatively charged at one end and positively heated.

A MEMBERSHIP LIST FOR 2005 IS ENCLOSED.
 PLEASE CHECK TO SEE THAT ALL OF YOUR INFORMATION IS CORRECT.
 If there are any corrections, please notify me at dandne@spitfire.net

**Midwest Chapter-Friends of Mineralogy
Field Symposium – Findlay Arch District – NW Ohio
September 24-25, 2005**

Hard hats, safety glasses and hard-toed boots required of all participants. Must be 18 years of age or older to enter quarries. Meet 9:00 A.M. sharp at the Hanson Aggregates office (Sylvania Quarry); maps will be sent to registrants prior to the symposium. For further information contact Ernie Carlson: ecarlson@kent.edu, 330-672-3778 (office) or 330-678-8875 (home)

\$20.00 registration fee per person includes*

- *Quarry collecting Saturday (9:00 am-4:30 pm), Sylvania, Genoa
- *Symposium Saturday evening – Holiday Inn Express, Fostoria
- *Quarry collecting Sunday (9:00 am-1:00 pm) West Millgrove
- *Symposium Guide Book

Registration does not include meals or lodging:

Lodging: Symposium motel Saturday evening will be Holiday Inn Express, 1690 North Countyline Street, Fostoria OH 44830 Tele: 419-436-3600 or toll-free 1-800 HOLIDAY.

Holiday Inn serves a nice free continental breakfast, but does not have a restaurant so dinner must be obtained at area restaurants. Nearby are Bob Evans, China East Buffet and a number of fast food restaurants. The Holiday Inn has a meeting room where the symposium will be held after dinner, about 8:00 pm. Group rates are:

- 1 person - \$69 + tax
- 2 people – one large bed - \$69 + tax
- 2 people – two beds - \$69 + tax
- 3-4 people - -Two beds - \$69 + tax + \$5.00 for each extra person

To qualify for the group rate we must take a minimum of ten (10) rooms and place reservations before August 24. Be sure to mention you are with the Friends of Mineralogy.

Important note: Quarry constraints will limit the symposium to 30 participants. Priority will be given to Midwest FoM members who register by August 1, 2005. Non-members will be placed on a waiting list.

Detach this portion and send with your check—keep upper portion for your information.

Registration Form

Name(s) _____

Address _____
Street City St ZipCode

E-mail address _____ Phone Number _____

_____ \$20.00 Registration

_____ Total Remitted. Make checks payable to Friends of Mineralogy. Send to Friends of Mineralogy Symposium, c/o Ernest H. Carlson, Department of Geology, Kent State University, Kent OH 44242-0001

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40th Annual

GEM

**MINERAL - FOSSIL
SHOW - SWAP**

Sponsored by

Lawrence County Rock Club, Inc.

JUNE 24, 25 & 26, 2005

Wide Variety of Gems, Minerals, Fossils,
Rocks, Lapidary Material & Supplies,
Rockhound & Prospecting Supplies,
4-H Project Material,
Science Project Material

Not
Responsible
For Accidents

Show and Swap Schedule

Friday 24th 10:00 AM to 6:30 PM

Saturday 25th 9:00 AM to 6:30 PM

Sunday 26th 9:00 AM to 4:00 PM

Not
Responsible
For Accidents

Held: Monroe County Fairgrounds, West of Bloomington, IN
Directions: From the Junction of IN 37 and IN 45S, go south on
IN 45S for 1.2 miles, turn right(west) on Airport Road for 0.7 miles.
Fairgrounds are located on the right.

For additional Info call:

812-279-5830

or

**FREE
ADMISSION**

**FREE
ADMISSION**