

### FRIENDS OF MINERALOGY, INC. MIDWEST CHAPTER

VOL. 15 NO. 6 NOVEMBER 2001

MEETING: SATURDAY, NOVEMBER 3, 2001 3:00 TO 5:00 PM

### CLEVELAND MUSEUM OF NATURAL HISTORY

IN CONJUNCTION WITH FOCUS ON MICROMOUNTING
A WEEKEND SYMPOSIUM SPONSORED BY THE
MICROMINERAL SOCIETY OF THE CMHH
1 WADE OVAL, UNIVERSITY CIRCLE
CLEVELAND, OHIO

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### JIM McGLASSON

### CHROMATE MINERALS-----1:30 TO 2:30 PM

FURTHER INFORMATION ON THIS SYMPOSIUM AND SPEAKERS CAN BE FOUND ELSEWHERE IN YOUR NEWSLETTER. PLAN ON SPENDING AN INTERESTING AND INFORMATIVE WEEKEND WITH THE MICROMINERAL SOCIETY AND THEIR GUESTS. OUR OWN ERNIE CARLSON WILL BE A SPEAKER AT THE SESSION SATURDAY MORNING.

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### President's Message

As my term as President of the Midwest Chapter of Friends of Mineralogy draws to a close, I want to thank all of the members for their support. A special thanks to the other officers for their help in making this organization one of the best. To Emile Carlson for chairing the symposium for the past four years. To George Heaton for his work in arranging great field trips this year. To Him Greeman for the very interesting speakers. To Lorraine Libight for keeping all the books in order and this was her first year in holding an office. To Al Sicree for his great reporting of the minutes and finally to Nelson Shaffer for keeping us informed about the National organization. Being president of this chapter has been challenging and I hope all of the members will continue to support this club and help the officers for 2002 in their efforts to make future years successful.

Dwaine (Ed) H. Edington, President

### 2002 Nominees

November is election of officers. The following members are on the slate for 2002.

Additional nominations can be made at the next meeting.

President Nelson Shaffer
Vice-president (programs) Kim Greeman
Vice-president (field trips) George Heaton
Secretary Albert Sicree
Treasurer Lorraine Wright

### MEMBERSHIP RENEWALS

Renewal of membership for the year 2002 is now being accepted. Each new and renewing member will be required to complete and sign an application form in accordance with our Constitution Article IV, Section 3. Upon return of your check or money order along with the form, you will receive a copy of the revised Constitution and By-laws (one copy to each address). Dues for the year 2002 were amended on September 8, 2001, as follows: \$15.00 individual, \$10.00 for each additional family member. An application form is enclosed for your convenience: Remewals are due by January 1, 2002.

### MINUTES OF THE MEETING—GREENFIELD, INDIANA, SEPTEMBER 8, 2001

President, D. Edington, opened the September meeting of the Midwest Chapter by introducing Vice-president in charge of programs, Kim Greeman. Mr. Greeman then introduced our speaker for the day, Mr. Derek Fullerton of Bloomington, Indiana.

Mr. Fullerton explained the reason why his company opened a branch office in Bloomington. They wanted it to be near a geological survey office and the USGS on the campus of Indiana University was rated high in service plus the

knowledge of its personnel.

A diamond is a single element, created from carbon and crystallized in cubic form. It can be found in many colors. Yellow is considered unlucky, but is the most beautiful. The color source is from nitrogen and diamonds are found in a rock called a kimberlite pipe (blue ground) which occurs in volcanic pipes and dikes. Mr. Fullerton passed around examples of kimberlite and plastic casts of diamonds and then the real thing—commercial and jewelry grade. Australia is the largest producer of diamonds, but Botswana in Africa has diamonds of the highest value. After his presentation, Mr. Fullerton fielded a question and answer session. His company is a large supporter of libraries, college geology departments, etc.

The business portion of the meeting was opened at 1:30 PM.

The secretary's report was accepted as printed in the Midwest Chapter newsletter for September.

Treasurer L. Wright reported on the balance in the club's treasury.

G. Heaton reported on a possible October 20th field trip. Details later.

The symposium was discussed. Everyone was asked to think of ways to continue. One idea was to combine with other groups. What can we do to attract more people to attend? N. Shaffer will pursue new ways to have a symposium.

N. Shaffer will also head a nominating committee for 2002. The election of officers will be held at the November meeting in Cleveland, Ohio, at the Museum of Natural History on Saturday, November 3.

M. Edington made a motion to increase the additional family membership dues to \$10.00. N. Shaffer seconded. Passed. The dues for 2002 will be \$15.00 for the first family member, \$10.00 for each additional member (family) of the same address. \$5.00 of each paid member goes to the National organization.

N. Shaffer made a motion to accept changes necessary to the Constitution and By-Laws of the Midwest Chapter. Kim Greeman seconded. Passed by the Board of Directors and members present.

The meeting was adjourned at 2 PM.

M. Edington, Secretary pro-tem

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### CALENDAR OF EVENTS

Nov. 2-4—CLEVELAND OH: Micromineral Symposium, Cleveland Museum of Natural History, 1 Wade Oval, University Circle. Pre-registration appreciated, but not required. See flyer elsewhere in this bulletin.

Nov. 9-11--FENTON, ST. LOUIS CO, MO: 44th Annual Fall Mineral, Gem & Fossil Show & Sale. Stratford Inn, 800 S. Highway Dr., sponsored by St. Louis Mineral & Gem Society. Fri. 4-8, Sat. 10-7, Sun. 10-5. Adm. 1-636-343-5757

Nov. 9-11—LOUISVILLE KY: KYANA Geological Society's 30<sup>th</sup> Annual Mineral, Gem & Fossil Show. Executive Inn, I-264 at the Fairgrounds, 978 Phillips Lane. Fri. 10-9, Sat. 10-8, Sun. noon-6. Free. Contact Charles Oldham 502-241-8755

Nov. 10—OXFORD OH: Miami University's Limper Geology Museum's Lecture. Seven Weeks in Tibet: The Highs (and Lows) of Doing Research on the Roof of the World by Brian Curry reporting on his travel and research experiences. 10 AM Shideler Hall, Room 115. Contact: 513-529-3220

### **FOSSILS**

Fossils are the replaced mineralized forms of former plant or animal life. All fossils, except those preserved in either amber, tar, or similar medium, are actually true and complete replacement pseudomorphs. The most common minerals involved are silica or quartz in its various amorphous forms such as chalcedony, jasper, opal and calcite. In many unique localities the replacing agent is some other mineral, and such specimens are usually of interest to the collector.

Examples are tree limb sections found at the Copper Queen Mine, Bisbee, Cochise County, Arizona, and is completely replaced by native copper. A snail shell found near Galesburg, Illinois, is of solid marcasite. Around 1908 the Kelly Mine in the Magdalena Mining District, Socorro County, New Mexico, was the source of fossil mollusk shells and crinoid stems completely replaced with magnificent apple-green smithsonite.



### SEPTEMBER FIELD TRIP, FLINT RIDGE, OHIO BY GEORGE HEATON

Our September field trip was to Flint Ridge, Ohio, on Saturday, September 1. Four of us including my brother, Roger, his wife Elsie, my sister Joan and myself arrived at the Flint Ridge State Park shortly after 10:00 AM and spent a few hours checking out the Flint Knappers Show before going on to the flint diggings at the Nethers Farm.

This was interesting watching the knapping demonstration, seeing the tools they use and exhibits of their handiwork. Many of these people are highly skilled at working flint into arrow and spear points, knives, etc. and produce beautiful work that is well worth seeing. The show was very large and we were able to see only about 1/4 of it before we decided we had better go on to the Nethers Farm Flint Diggings if we were going to do any collecting.

When we arrived at the Nethers Farm there were several other people busy collecting flint. Most of them were knappers collecting material to work into flint points, knives, etc. This was fine for us since their needs differ from those of the mineral collector or lapidary. They cannot use material with flaws such as crystal vugs or small cracks that may be acceptable to the mineral collector or lapidary. The knappers do most of the hard work while the mineral or lapidary person need only look through their rejects to find material suited to his needs.

I collected 100 pounds of flint. Some with quartz crystal lined vugs and some I hope to cut into slabs for trading stock.

I did not find any other Friends of Mineralogy or Lansing club members, but I could have easily missed them since I did not set a special meeting time or place, but let everyone set their own schedule. I might add that the weather was perfect again.

Micromineral Symposium Hosted by the Micromineral Society of CMNH November 2, 3, & 4 2001

NAME(S)	
ADDRESS:	
Please return this reservation slip to:	
The Cleveland Museum of Natural His 1 Wade Oval, University Circle	tory
Cleveland OH 44106	
Attention: Joan Palmer	

Registration for entire weeked:		
	\$35(U.S.)/person	
	2220	
	\$65/couple	
Registration for Friday night talk	only:	
	\$5/person	
Registration for one day only:		
Sat or Sun (Circle one)	\$15/person	
Total Rem	nittance	
Make checks payable to:		
Cleveland Museum of Natural Hi	story	
Note on your check that payment is for the		

Micromineral Symposium

# TENTATIVE PROGRAM

### FRIDAY - Nov. 2

Symposium registration and microscope set-up in classrooms A&B on the lower level (student lab) 3:00-5:00 p.m. 7:00-8:00 8:00 p.m.

Featured speaker Jim McGlasson will give a slide presentation on Microminerals of Brazil

## SATURDAY - Nov. 3

Registration and set-up. Continental breakfast 8:30-9:30 a.m.

Morning talks

9:30-11:00

1. Pete Richards - Hedenbergite Epitactic on

Amateurs in Mineral Science Babingtonite and the Role of

Bill Cook - Discovery of Hubeiite 2 6

Ernie Carlson - Mineral ID with the Petrographic Microscope

Coffee break 11:00-11:15 Workshop for individual study, swapping, picking up "freebies," help with identification, show and tell and general good fellowship 11:15-12:30 p.m.

Lunch time: Deli tray, potato salad, and beverages 12:30-1:30

Second program by Jim McGlasson - Chromate Minerals

2:30-5:00

5:30-til?

1:30-2:30

Friends of Mineralogy Meeting – Midwest Chapter 3:00-5:00

Second workshop session

Our now famous pot luck dinner to be held at a member's home. Out-of-town visitors will be our guests. All participants are welcome

## SUNDAY - NOV.

Continental breakfast. Continuation of workshop Museum will be open for early-bird mounters. activities 9:30-11:00 a.m.

Morning talks 11:00-11:45

2. Phil Evanoff – Bulgarian update plus TBD 1. Sam Leber - Stereo photographs

Lunch time: Deli tray, potato salad, and beverages 11:45-12:45 p.m.

Tour the Museum galleries or third workshop session 12:45-3:30 p.m.

### Registration

continental breakfast and deli tray lunch on both Saturday and Sunday. The fee for the entire symposium is \$35 (U.S.) per person or \$65. couple. This includes admission to all activities on all 3 days, plus

For those wishing to attend just 1 day the fee will be \$15. For those attending just the Friday night talk the fee will be \$5.

Please fill out the registration form and return it to the Museum.

### Lodging

members of the Society on a first-come, first-served basis. For additional Some lodging for out-of-town participants will be available with information call Dick Green at (330) 929-2395.

Some area hotels, motels are:

- Baymont Inn I-271 & Mayfield, Mayfield Hts. (440) 442-8400
  - Travelodge I-271 & Chagrin, Beachwood, (216) 831-7200
    - Super 8 I-271 & Chagrin, Beachwood (216) 831-7200
      - Red Roof Inn I-90 & RT. 306, Mentor (440) 946-9872
- Holiday Inn Northeast- I-90 & Bishop Rd., Wickliffe (440) 585-0600
- Holiday Inn Mayfield-I-271 & Wilson Mills., Mayfield (440) 461-9200
  - Sheraton 4 Points I-90 & Rte. 20, Wickliffe (440) 585-2750
- Alcazar Hotel 2450 Derbyshire Rd., Cleve. Hts. (216) 321-5400
  - Inter-Continental Suite Hotel 8840 Euclid Ave., Univ. Circle (216) 707-4300
    - Glidden House 1901 Ford Dr., Univ. Circle (216) 231-8900

