

**CORRECTION: THE JUNE MEETING IS JUNE 15**, NOT 22 AS PUBLISHED IN MAY NEWSLETTER. WE WILL MEET AT THE MERIDIAN SERVICE CENTER.

**PRESIDENT'S CORNERSTONE**-- Chuck Smith

Summer is approaching fast. There are many opportunities for field trips this summer with our club, or on your own. Remember to collect some extra specimens for our children's table.

In an attempt to shorten the business portion of our regular meetings, all reports will be published in our newsletter. Committee Chairs will report only if they have information that did not get printed in the newsletter. Please READ your newsletter so you will not miss out on details for field trips and so on. We hope this will make our regular meetings more enjoyable.

Have a great summer!

**EDUCATION** -- Florence Hill

The next carbonate to be considered is cerussite, the lead carbonate. David Piotrowski will make that the subject of his five minute talk.

Did you look at the strontionite specimens on display at the banquet? Thank you, Bettie, for bringing them.

A volcanic specimen display will be brought to the June meeting by Chuck and Barb Smith; as a follow up to Dr. Lefebvre's talk at the banquet. The specimens were brought back from their visit to Hawaii.

**WANT TO LEARN MORE ABOUT METAL WORK?** (jwp)

For our **June 15** (not the 22nd) program we will settle back in the air-conditioned comfort of the **Meridian Service Center** to watch the video version of **The Complete Metalsmith with Tim McCreight**. The book and video have earned rave reviews from Grit Turner and Royal Olson, who are anxious for the whole club to have a look. Grit has loaned his copy of the video to the club.

I previewed a portion of the video last night (i.e. I fall asleep with the TV on) and was impressed with the photography techniques. There are great close up shots which clarify even the smallest details. I was overwhelmed by the complexity of metalwork, and amazed at how deftly Tim McCreight carried out each skill. Regardless of your previous interest in metalsmithing, I believe you will gain inspiration and education from the video.

The program is a bit long, 70 minutes, so perhaps we can enjoy our refreshments while we watch. A little popcorn and lemonade and we should be all set!

**OPAL SALE IN JACKSON, JUNE 17** via Michigan Gem News 6/95

On June 17th at approximately noon, Mr. Murray Willis who owns Australian opal mines will arrive at Bob and Linda Mooreheads home. He will be accompanied by his daughter Nichole and his son Kent. They are accomplished opal dealers and are eager to enlighten you on opal from rough form to finished stones. For our newest members this can be a great day of learning. There is no obligation to buy and these people are a pleasure to deal with if you do wish to buy...It is informal and you will meet club members, members of other clubs, opal carvers and dealers. You are invited to bring friends who are not affiliated but do appreciate beauty...For further information call Bob or Linda Moorehead @ 517-522-5090.

### **JUNE FIELD TRIP, BLOOMINGTON IN, JUNE 23-25** -- George Heaton

The June field trip will include the Bedford Rock Swap, now held at the Monroe Co. 4-H Fairgrounds in Bloomington, Indiana and geode collecting at the road cut at Harrodsburg, Indiana exit on Rt. 37, June 23-25. To get to Bloomington go south on I-69 to Indianapolis, then on I-465 south to Rt. 37. Go south on Rt. 37 to Bloomington. To get to the rock swap at the 4-H Fairgrounds you go south on Rt. 37 to the intersection of Rt. 37 and Rt. 45. You turn right on Rt. 45 and go southwest on Rt. 45 about 1 2/10 miles then turn right and go 7/10 mile on Airport Rd. to the Fairgrounds.

This is a very large and interesting rock swap which attracts swappers from surrounding states and Ontario, Canada. Camping is allowed on the Fairgrounds and motels are located in Bloomington. The geodes from Harrodsburg are beautiful and may contain several minerals including quartz, calcite, dolomite, millerite, barite, pyrite, and sphalerite.

To collect the geodes at the Harrodsburg road cut you should have a least a 2-3 lb. crack hammer and several sharp chisels. Heavier hammers, pry bars, and more chisels of all sizes are very useful. The geodes are in limestone so it can be hard work to chisel them out and you can dull your supply of chisels very quickly.

### **FIELD TRIP- MAYBEE MI, JULY 15** -- George Heaton

A field trip to the Stoneco Quarry at Maybee Michigan is scheduled for Saturday July 15. We will meet at the quarry at **7:30 am and will be leaving the quarry PROMPTLY at NOON. DO NOT BE LATE ARRIVING OR LEAVING.** Those wishing to participate need to follow quarry rules:

1. Hard hats, steel toe boots, & safety glasses
2. Stay one car length away from quarry walls
3. 16 years minimum age
4. Hand tools only, NO POWER TOOLS
5. Sign hold-harmless agreement.

This quarry is famous for its celestite and sulfur specimens. Nice calcite specimens are also available. The usual tools for collecting in quarries are recommended. A 2-3 lb. crack hammer, chisels of various sizes, a sledge hammer if you have one, and pry bars may be useful.

For directions to the quarry please see the map printed in this newsletter. The route is too complicated for written directions.

### **POT-LUCK PICNIC AT MORRISON LAKE, SATURDAY JULY 29** -- George Heaton

There will be a pot-luck picnic hosted by Richard and Lila Stevens on Saturday, July 29 at their summer place on Morrison Lake. The picnic will begin at 1:00 pm. Bring lawn chairs, folding tables, FOOD, and, serving and eating equipment.

Directions: Take I-96 West towards Grand Rapids to the Lake Odessa exit. Go south 1/2 mile to Portland Rd., west to Jackson Rd. (about 3 miles,) south (along side of the golf course) about 1/2 mile to Elm Rd. which is a private drive in the pine trees. Follow the road around the lake until you reach 291 Elm Road.

**GOLDEN WEDDING BELLS** (jawn)--Bob and Ruth Beauvais, of Grand Rapids, celebrate

their Fiftieth Wedding Anniversary June 11. Bob and Ruth are good friends of our club, faithfully demonstrating and displaying at our show. Congratulations Bob & Ruth!

### **ANNUAL GEOLOGY ARTS FAIR- EDDY CENTER--** Bettie Patterson

I attended a committee meeting concerning the Fair to be held on Oct. 7 and 8, 1995, while attending the Kalamazoo Show. Also from our club were Grit Turner, Gordon & Marie Lewis and Florence Hill. Norm Hanschu, Chairman, gave a brief history of the Fair and the Eddy Center. In going over the activities of the previous years and those to be continued in 1995, he informed us who would coordinate the following:

**Refreshments-** Waterloo Natural History Association

**Swap-** MGAGS. Space for swap/sale is limited, but a sport 10' x 10' may be reserved for \$10.00. You must furnish your own table. Space will be outdoors. Contact Don Brown to register, 313-421-8159.

**Programs-** MMLSD. 30-50 min. long, one day or two. Contact Diane Kuzara, 313-675-5237.

**Children's Activities-** Kalamazoo Geol. & Min. Soc., including **Egg Carton hand-out**; **Gravel Pit**, Frank & Lillian Nadeau; **Mine**, Kalamazoo club; **Petoskey Stone Polishing**, by hand or machine, possible Blue Water Lapidary Soc. Contact Marve & Kitty Starbuck, 616-649-1991.

**Demonstrations-** no selling allowed. No coordinator.

The CML&MS Board has felt that the opportunity to help in any way will be up to individual members. If you would like to participate in one or more of these activities, you should call the contact person soon.

Areas where **help is needed especially** are: **egg carton hand-out**, coordinator; **Petoskey Stone polishing**, workers and possibly a coordinator; **programs**, anything related to our hobby; **demonstrations**, coordinator and participants. Also, **drivers** will be needed to transport people from the parking lot to the Center 1/2 mile away--mainly in case of inclement weather.

The Eddy Center is part of the Michigan State Park system and a permit is required of all who enter. If anyone has suggestions for other activities of interest to families or children, contact Norm & Joyce Hanschu, 313-455-8596.

### **FIELD TRIP TO LIME CITY OHIO, AUGUST 26** -- George Heaton

The August field trip will be to the Stoneco Quarry at Lime City, Ohio on Saturday, August 26. We are allowed to collect on Saturday morning from 7:30 am to noon. This means we must meet at the quarry office before 7:30 am, and must be out of the quarry by noon. You should check in at the office as you leave so they know everyone is out of the quarry. It is about 130 miles from Lansing to Lime City, Ohio, so you should allow at least 2 1/2 hours driving time to get to the quarry.

To get to the quarry from Lansing, take I-96 east to Rt. 23. Go south on Rt. 23 to Ohio where you pick up I-475 by-pass around Toledo. You take I-475 south to where it meets I-75 and you go north on I-75 to the first exit beyond the intersection of I-475 and I-75. This is the Rt. 20 and 23 exit to Perrysburg. From here you go east about 2 miles to Lime City. The quarry entrance is on the left about one or two blocks after you cross the railroad tracks in Lime City.

The material to collect includes celestite, fluorite, dolomite, aragonite, barite, sphalerite, gypsum, galena, marcasite, pyrite and sulfur. The usual tools including hammers of various sizes and an assortment of chisels are needed. Also bring wrapping paper and boxes for specimens.

You must have hart hat, hard-toed boots and safety glasses or goggles.

**CHILDREN'S TABLE WORK PARTY AND POT-LUCK, SATURDAY, SEPT. 23--**

George Heaton

On Saturday, September 23 we will have a children's table work party and pot-luck at Grit and Alice Turner's garage where our club's children's table stuff is stored at 2667 Pine Tree Rd. Please come and help and bring food and eating tools for the pot-luck lunch. Work will begin between 9:00 am and 10:00 am. I plan to be there about 9:00 am. Lots of work needs to be done to prepare material for our October show. A significant part of our show income is derived from our children's table. **We need help and donations of material.** Please mark this on your calendar and come to help.

**POSSIBLE SEPTEMBER FIELD TRIP, HALLS GAP KENTUCKY--** George Heaton

I am thinking about a trip to Halls Gap for September. It would be on the last week end of September (Sept. 29,30 & Oct. 1,2). Participants should try to make a long week end out of it by taking at least Friday and possibly Monday for traveling. This could possibly include a visit to the Caldwell Quarry in Danville KY on Saturday morning. Halls Gap is a road cut famous for its small geodes with excellent millerite, honessite, wire pyrite and other interesting minerals. The Caldwell Quarry is known for its specimens of beautiful fluorite, calcite, barite, and sphalerite.

If there is enough interest, there will be more on this in September. Let me know if you would like this trip. I have been there several times in past years.

**EN MEMORIUM: REX CURRIER--** Florence Hill

With the death of Honorary Member Rex Currier, June 5, our Society has lost an Honorary Member who was a real friend to us in the early days of our shows. Rex was the manager of the Washington Street Armory in 1966 when we launched our first venture into the show world. At first he regarded us as just another rental group who would trample the grass, leave a mess, or maybe even indulge in a brawl that would call in police; so, he was pretty strict and sharp. After he got acquainted with us, he decided we were a good bunch of folks, and could not do enough to help us. He even had electric connections installed in the ceiling, mainly because we needed them. Rex took pride in the shows we put on, and usually brought his wife Josephine to see them-- on his off duty time! When he retired in 1976 to take care of his wife who had become an invalid, he told his successor to "Take good care of the rock club." Our years at that armory went smoothly and established our reputation of having a top-notch show. So good-bye, Rex, good friend! All of us-- even those who never knew you-- owe you a big debt of gratitude.

**LIAISON OFFICER REPORT--** Bettie Patterson

I have a letter and brochure on the Lost Dutchman Gemboree to be held in Lebanon, PA from Wednesday, August 16 thru Sunday, August 20, 1995. This is an opportunity to meet people from other clubs, to trade, buy or sell, collect in the field, learn, exchange information and have a good time. I have also received a price list on Faceting Grade Rough from Global Gem Traders. I will have both of the above at the June meeting if you want any further information.

I would also like to mention that we received "Thank You" notes from Dorothy Harney,

Science Fair Coordinator at Murphy Elementary School for our participation in their Science Fair; and, from Neil Morris, Display Chairman, Kalamazoo Geology and Mineral Society, for the lovely memorial case which Red and Bessie Rogers displayed.

**MAY FIELD TRIP TO BAY PORT**-- George Heaton (Who must have used up an entire #2 pencil this month-- thank you George! jawp)

Eleven members of our club and six from the Scarborough Canada Club met Bob Frost at the gate to the Wallace Quarry at Bay Port Saturday, May 21. Bob Frost opened the gate and we entered the quarry at 10:00 am. Bob was an excellent guide who pointed out the type of rock and best areas for locating the little nodules that contain the millerite and an yet to be identified green mineral that occurs here. The green mineral is similar in habit to millerite, but is not believed to be honessite as some of us had believed it might be a few years ago.

Bob Frost showed us some photo's he had of some of his specimens of millerite and the unknown green mineral and the beautiful micro pyrite, barite, quartz and dolomite crystals associated with them. The Wallace Quarry could become an important locality for the micromount people. With Bob's help I think most of us were able to collect some millerite. Al Vissram of the Scarborough Club told me he was very pleased with the specimens he collected. I saw his daughter had a very nice calcite specimen. Neil and Connie Snepp found some nice plates of coral fossils; Arlene Olson found a nice pelecypod. Gordon and Marie Lewis found the best calcite specimens I saw collected. George Heaton collected about a hundred of the small nodules and geodes, of which he hopes a few will contain millerite. He hasn't opened any yet.

At about 3:00 pm we gathered outside the gate while Bob Frost closed and locked it. When I believed everyone was ready, we got into our cars and headed for the part in Sebewaing where we planned to hold our pot-luck picnic. When we arrived at the park I realized our Canadian friends had not followed us. Gordon Lewis and I went back to the quarry to see if they had car trouble. They were not there. We decided they must have gone back to their motel in Bad Axe. We waited at the intersection of Risky Rd. and Rt. 142 to see if they would return, but they did not so we returned to the picnic and ate food. All the food was plentiful and very good and George Heaton ate just the right amount again.

A couple days later I called Al Vissram to find out what happened and to apologize for any misunderstanding. He said he was talking with Bob Frost at the time and did not know he was supposed to follow us to the picnic. I thought I had mentioned the pot-luck to him a couple times. Once over the phone prior to the field trip and Saturday morning at the quarry. I guess I tend to assume too much that everyone understands what is going on, and am sorry how things ended.

### **GEOLOGICAL TERMINOLOGY** by Claude Owen via Rock Trails 5/95

Agate- an opening in the fence

Barium- do this with clothes after meeting a skunk

Coral- a place to keep sea horses

Detour- a road opened especially for tourists

Field trip- an impossible trek to an inaccessible place for non-existent minerals

Filing cabinet- system for losing things alphabetically

Fossil- what kids think we are

Friend- one who can see the star in your sapphire

Garnet- what you say when a rock drops on your foot  
Gentleman- a man who opens the door for his wife to carry in the rocks  
Intrusive rock- loud music from next door  
Micromount- a very small horse  
Mummy- an Egyptian pressed for time  
Wonderstone- one where you wonder why you brought it home

**LEGISLATIVE NEWS FROM JOHN BOLAND**, via MWF Newsletter 6/95

COLLECTION OF PETRIFIED WOOD. The Wyoming BLM plans on revising their ROCKHOUNDING ON PUBLIC LANDS memo to include jointly agreed upon limitations. They plan to go metric and show a limit of 10 kg/ day (25 lb.) plus one piece and 100 kg/ year (250 lb.) total of petrified wood. The BLM is concerned about open holes and accumulated disturbances, especially in the more popular collecting sites. They suggested the addition of four foot maximum depth, a maximum of twelve square feet of surface area per person to be excavated at any point in time, and all holes must be backfilled each evening. Initially, such expanded rules would apply to the Rock Springs District on a trial basis and possible become the prototype for statewide or national regulations. Send comments to Dennis Stenger, Asst. District Mgr.- Mineral, Rock Springs District Office, BLM, PO Box 1869, Rock Springs WY 82902.

LAWS ON COLLECTING ROCKS, MINERALS AND PETRIFIED WOOD. Currently BLM and US Forest Service regulations specify the restriction of collection of rocks, minerals, petrified wood, berries and nuts. Recently the 1872 Mining Laws re revisited and new fees were assessed on patent claims, and royalties in commercial mining. A more complete review is contemplated by legislators and it has been suggested that the current rules on collecting for personal use be put into law. Like the paleo bill drafted by the American Lands Access Association, a mineral bill is being drafted for inclusion into the revision of the 1872 Mining bill. Your comments are invited.

THE MIDWEST FEDERATION IS AGAIN SPONSORING A PROGRAM COMPETITION. IF YOU ARE INTERESTED IN PUTTING TOGETHER SLIDES OR A VIDEO, SEE JEAN ANN WAHL-PIOTROWSKI FOR A COPY OF THE RULES.

**BOARD BRIEFS, JUNE 2: INFO NOT CONTAINED ELSEWHERE IN NEWSLETTER**

(jawp)

- Chuck Smith will be our delegate to the Midwest Federation Council Meeting on October 14, 1995.
- A Show Board meeting will be held on September 14, 7:30pm, Meridian Service Center.
- Directories will be available at the June meeting. Intended to have them for the banquet, but absentmindedly left the last page in the copier.

**CLUB CALENDAR**

- JUNE 15 (NOT 22) Regular meeting, Meridian Service Center (Okemos Rd., a bit north of Grand River), 7:30pm
- June 23-25 Field trip to Bloomington Swap
- July 15 Field trip to Maybee Quarry
- July 29 Pot-luck Picnic at Richard & Lila Stevens' cottage
- August 26 Field trip to Lime City Ohio

Sept. 23 Children's Table work party, Grit & Alice Turner's garage  
Sept. 29-Oct. 2 Possible field trip to Halls Gap KY  
Oct. 27-29 OUR SHOW "CRYSTAL MAGIC"

**SUMMER SHOWS, ETC.--**

June 23-25 Lawrence Co. (Bedford) Indiana Swap, Monroe Co. 4-H Fairgrounds,  
Bloomington  
July 7-8 Stonehead Lapidary & Mineral Club Show. Mineral River Plaza, White Pine MI  
August 4-6 Ishpeming Swap, Sat. 9-5; Field trips Fri & Sun.  
August 7-11 Red Metal Retreat. See Dave or Jean Ann Wahl-Piotrowski for info.  
August 12-13 MGAGS Seminar. Houghton MI. See Florence Hill, Grit & Alice Turner or  
Red & Bessie Rogers for info.  
Sept. 1-3 Michiana Gem & Min. Show. Century Center, South Bend Indiana.  
Sept. 15-16 Holland Show. Holland Civic Center.  
Oct. 7-8 Eddy Center Geology Arts Fair; Waterloo Recreation Area, 10730 Bush Rd,  
Chelsea MI  
Oct. 13-16 Detroit Show/ MWF Show & Convention. Detroit Light Guard Armory, 4400 E.  
Eight Mile Rd.