

**PRESIDENT'S CORNERSTONE**

Well, here it is April, tax time, and spring (well maybe spring.) At last our clocks have sprung forward, so maybe there is hope that the nice warm weather is not too far away.

Our spring banquet is fast approaching. It will be held in place of our regular monthly meeting on Thursday, May 18. An excellent meal and program are being planned.

Now that warm weather is on its way, and we can get out to look for nature's treasures, please remember to collect a few extra samples for our show's children's table. The children's table is a great source of income for our show. All of our help is needed to keep it stocked, so keep looking and have fun.

And finally, I will not be at the April 20th meeting of our club. I will be out of state attending a family wedding. I hope to see many of you at the banquet.

Happy Rockhounding, Chuck Smith

**GLACIAL GEOLOGY TOPIC FOR APRIL PROGRAM** (jawp)

Living in Michigan, we are surrounded by the results of glaciation. Come to the April meeting to learn a bit about the science behind our rolling, water rich landscape. The expert of the evening will be **Dr. Graham Larson** from the **Dept. of Geological Sciences at M.S.U.**

**PLEASE RETURN ALL LIBRARY MATERIALS AT THE APRIL MEETING** (jawp)

Please search your book shelves, bedside table & workroom for any materials belonging to the CML&MS library AND BRING THEM TO THE APRIL MEETING. Our new librarian, Lee Laylin, is planning to undertake the massive task of entering our collection into a computer data base. (A job I was meaning to get to for a couple of years.) It is much easier to do this with the materials in hand.

If you must have a particular book for a special project, see Lee to arrange a pardon.

**APRIL FIELD TRIP: CORYDON INDIANA, SATURDAY APRIL 22** -- George Heaton

The field trip for April will be to the Corydon Crushed Stone Co. Quarry near Corydon Indiana on Saturday April 22. The Corydon quarry is known for its beautiful pink dolomite crystals and some very nice calcite crystals. Purple fluorite is sometimes found with the pink dolomite. We will plan to meet at the quarry office at 11:30 am (daylight savings time) on Saturday. (This part of Indiana is on the same time as MI.) Corydon is located very near the bottom of Indiana and is a long drive from Lansing, probably at least 9 hours. To be at Corydon Quarry at 11:30 am you may want to plan to leave Friday afternoon or night and travel most of the way.

After our visit to the quarry on Saturday we can also visit an interesting road cut on Rt. 56 between Salem and Scottsburg in Washington Co. on Sunday morning before heading home to Lansing. This road cut is large and contains quartz, dolomite and calcite geodes. The calcite crystals here are especially attractive.

To get to Corydon you can take I-465 South to I-65 and go south on I-65 almost to Jeffersonville IN which is located on the Ohio River across from Louisville KY. At Jeffersonville you can take I-64 east to exit 105 at Corydon and Rt. 135. Go north on Rt. 135 about 1/4 mile to the first road to the left. You take this road west to the quarry, which will be on your right. There are motels and restaurants near the intersection of I-64 and Rt. 135.

**EDUCATION & COMMUNITY SERVICE**-- Florence Hill

David Piotrowski's five minute talk will be on witherite a barium carbonate.

CML&MS has been invited to take part in the Science Night of Ralya Elementary School, Haslett. Tom Zeara, a teacher there approached Bettie Patterson at the Okemos Science Is Fun Day, and asked if we would repeat our demonstrations for them. The date is Thursday evening, April 27, from 6 to 8:30 pm. We have also been asked to participate in the Murphy School "science night" on May 11. More later.

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Royal Olson gave a rock talk at the Middle School in Haslett March 23. He talked to two groups of fifty each.

Grit Turner gave a rock talk at the Gunnisonville Elementary School, March 24. He talked to two groups of third, fourth and fifth graders of about 25 each.

**HAPPY SPRING (?) HAPPY EASTER!**

The chill of winter is still with us but I'm pleased to be able to report that Barb Smith is improving with each passing day. It has been reported to me that Luella and Freeman Stone have both been experiencing health problems so a "Get Well/Thinking of You" note was promptly sent to them in Florida after last month's meeting. John Hopkins is also "under the proverbial weather" and it was my pleasure to send a card to him wishing him a speedy recovery. Jean Ann tells me she is recovering from her emergency appendectomy and trying very hard to take life a little easier, which for our energetic Jean Ann must be quite the lesson in patience. We're so happy to have you back with us again--you were truly missed! Sadly I have to report that it was necessary for me to send a card of sympathy to Milt Gere after the loss of his mother. Our thoughts and prayers are with you during this difficult time.

Again, if any of you wonderful members would like to share some newsworthy information with the rest of the group, please do not hesitate to telephone me on (517) 351-1107. Many thanks!

Blessings, MaryKay Bean  
Corresponding Secretary

**HUNGRY?? TIME TO PLAN FOR OUR ANNUAL BANQUET: MAY 18-** Marie Lewis

Our May 18 banquet will be held at the Okemos Masonic Temple (same place as last year.) We will be having family-style chicken dinner with all the trimmings. Adults are \$6.00, children \$2.00. Tickets will be for sale at the April regular meeting and also by mail. Checks should be made out to **CML&MS**. If ordering by mail, send your check to Marie Lewis, 2046 Sandhill, Mason MI 48854, and your banquet tickets will be mailed back to you. The social hour is 5:30 pm -- Diner 6:30 pm **SHARP**. **Reservation deadline is May 15. (No ticket sales at the door, please!)**

Our **speaker** will be **Dr. Richard H. Lefebvre**, professor of Geology at Grand Valley State University. His talk will be on volcanoes and plate tectonics. The banquet is also a chance to show off part of your collection. (It's nice to have some minerals, etc. to discuss while munching our snacks.) If you are interested in bringing a **display**, please **call George Heaton**.

We are looking forward to a delicious dinner, the return of all the snow birds, and enjoying an evening with all our fellow rockhounds. So get those tickets early and we'll see you

on May 18.

### **WELCOME TO OUR NEW MEMBERS** (jawp)

**Rex and Pat Rutherford** have exhibited at our show for several years, and are the owners of the shop "God's Creations" at Frandor. They are interested in all aspects of our hobby. Their address: 1543 Blueridge, Lansing MI 48912. 351-6395

**Michael Spooner** is interested in all aspects of the hobby, as well as cabinet making & wilderness treks. Michael works as an electrician at GM. His address: 12865 State Rd., Leslie MI 49251. 589-8520

**Stanley Hartman** is an old hand in the sand & gravel industry, currently a salesman for Hartman-Fabco. He is specifically interested in geology and archaeology. Stanley also happens to be the father in-law of last month's new member, Marvin Oesterle. His address: 4921 Wilcox, Holt MI 48842. 694-2794

**Leon Volk** is an earth science teacher at Watervliet and a member of the Blossom Land Club, interested in geology and mineralogy. We met Leon at the science teacher convention this March, where he was impressed with our club's activities. His address: 2831 West Park Lane, Benton Harbor MI 49022. (616) 849-0852

### **FROM THE KITCHEN COMMITTEE:**

Hi Everyone. Folks, do you realize April 20th will be our last regular meeting at Miller Road School? So let's get out and make this meeting a big one. The banquet is in May, no school in June, and no meetings in July and August, until September.

The Kitchen Committee wishes to thank everyone for donating food for the refreshment time at the meetings. We appreciate your kindness. Happy Easter to all....

Marie Lewis, Mary Crosby, and Norma Kelley

### **MARCH FIELD TRIP REPORT--** George Heaton

The March field trip to Duff Quarry near Huntsville Ohio became two trips to Duff Quarry. My original selected date was March 18th, but due to complaints from some members at the March 2 board meeting I changed the official field trip date as published in the newsletter to March 25. At our March 16th meeting some members expressed interest in my original field trip date of March 18th so seven of our members visited Duff Quarry on that date and 14 members showed up for the March 25th trip.

Both trips were blessed with perfect, dry and bright sunshine weather. Of course, this is the kind of weather one can usually expect on George Heaton arranged field trips. The collecting was much better than I had expected. I thought it might be rather poor because the blast pile was the same one that was there when I stopped there last Christmas on my way to Cincinnati. I did not see much then, but that day was cloudy and I only stayed an hour. I estimate that 80%-90% of the material collected was children's table quality, but I think all of us found some specimens at least good enough to use for swap material.

### **LEGISLATIVE UPDATE FROM MWF/AFMS** (jawp from MWF Newsletter 4/95)

John Boland reports that the comment period regarding RS 2477 "Right-of-Way regulations" has been extended to August 1. The proposed regulation would eliminate access to

Bureau of Land Management managed public lands by closing access roads. This is a major concern to mineral collectors and other recreationists in the western states. For more information, consult your February newsletter and/or see a board member for a copy of the complete article from the Midwest Federation Newsletter.

### **TOLEDO CLUB TO HOST OPEN HOUSE & MINERAL SALE** (jawp)

We have received an invitation from the Toledo Gem & Rockhound Club to attend an open house & mineral sale June 10 & 11 from 10:00am - 5pm. There will be demonstrations and a sale of minerals donated to the club by the family of Cal Gettings. Approximately 200 flats worth of material will be offered, with varying degrees of labeling & identification. They do not intend to sell the material off in "mass" purchases, but rather for individual or club study collections.

The club house is located in the Toledo Botanical Gardens, 5403 Elmer Drive, Toledo. (Sounds like a great two-purpose "field trip" for those of us who are also gardeners!) A few copies of the flier will be available at the meeting.

### **HINTS & TIPS:**

By using pieces of styrofoam plastic, instead of the hard, round little plastic beads, your polishing agent will do a better & quicker job. These hundreds of polish impregnated little styrofoam pieces will really put a shine on everything in the tumbler and will disappear from sight by the end of the polishing cycle. via Michigan Gem News 3/95 & Carny Hound 10/93

For a bright sparkle, mix denture cleaner as directed and soak your geodes with crystal centers and/or your crystal specimens. via Rock Trails 2/95

### **RUBY'S ROCKY ROAD** via Rock Trails (Tecumseh MI) 2/95

On a scale of hardness, Ruby was way up there, "mineral alike," she said in her gravelly voice. Ruby was brilliant, a real gem, but flawed. This led the galena the wrong direction. She became jaded.

"No moh," she vowed. She slid on her silica stockings, put some more fresh talc on her nose, marbled at her refraction in the mirror, and adjusted her good cleavage in two directions.

Ruby hailed a passing cabochon. Shortly she cinnabar. "I feel like putting on my actinite," the silly girl said with no sediment. She started to lapidary it up. Ruby had a mesolite, first by quartz, then by beryl. The room began to spinal. By now geode plenty and she didn't have a nickline.

Then Ruby took it for granite that she could gypsum customers. The situation filled with specific gravity. Suddenly all halite broke loose. She began to spar, and then fought like an amazonite. Ruby gave several chonchoidal fractures, receiving a pyrite in the face herself. She was like a demantoid. There was bloodstone all over the place.

They called a copper, and he got a couple of nodules on the head. It was a clear case of basalt and battery. "You've been mined, and you'll get the shaft," he said in flinty tones as he hauled the little ore off to the jewel house. Ruby let out a howlite when she realized she was between a rock and hard-pan.

The stone-faced judge said in a serious vein, "We'll have no traverstine of justice so leaverite there for an indefinite tourmaline. The placer was solid concretion and Ruby thought she might be a permanent inclusion.

It was then that we saw the good sigerite of the multi-faceted Ruby. As she thought of the past, Ruby was red. "I schorl be glad to have a clean slate, so from now on I'm going to be gneiss." As she gazed at the staurolite through her prism bars, she swore to renew her faith and start by reading the Book of Mica. "Oh schist," she sighed, "I'll just grin and barite, and wait for the time topaz." The Endrite.

**WORDS OF WISDOM** from the collection of Bessie Rogers (Bessie has saved these clippings for several years and thought others might enjoy them too.)

**It is not easy**

to apologize  
to begin over  
to be unselfish  
to face a sneer  
to admit error  
to be charitable  
to keep trying  
to be considerate  
to avoid mistakes  
to endure success  
to profit by mistakes  
to think and act  
to forgive & forget  
to make the best of little  
to subdue an unruly temper  
to shoulder a deserved blame  
to recognize the silver lining  
BUT IT ALWAYS PAYS.

**ANATOMY OF THE BONES**

Someone has said that the membership in every organization is made up of four kinds of bones.  
There are the "wish bones," who spend their time wishing somebody else would do the work.  
And then there are the "jawbones" who do all the talking, but very little else.  
Next comes the "knucklebones," who knock everything that everybody else tries to do.  
And finally, there are the "backbones," who get under the load and do the work.  
WHICH ARE YOU?

**BOARD BRIEFS: INFO NOT ALREADY IN NEWSLETTER** (jawp)

--13 members, 3 guests present

--Bettie Patterson will attend a meeting at the Kalamazoo show regarding the Geology Arts Fair at Eddy Center in October. This will be a fact finding mission, to see if there is an aspect with which our club would be willing/able to help.

--Finance. Interviews for the MSU scholarship will be April 10. Roger Laylin, Grit Turner & Gordon Lewis will do the interviewing. There are 3 candidates.

--Neil & Connie Snepp have a fossil display at Fenner Arboretum: "Before Dinosaurs."

--re: ID Day at the MSU Museum. Neil Snepp, Bill Henderson, & Royal Olson helped identify.

**SUMMER SHOWS, ETC.--**

May 6-7 Kalamazoo Show. Fairgrounds County Center Bldg., Sat. 10-6; Sun. 10-5  
Cincinnati Show. Cincinnati Gardens, 2250 Seymour Ave. Sat. 10-7, Sun. 10-5  
May 19-21 Dearborn Show. Dearborn Civic Center, Michigan & Greenfield.  
Fri. 5-9pm, Sat. 10-8, Sun. 11-5:30  
June 23-25 Lawrence Co. (Bedford) Indiana Swap, Monroe Co. 4-H Fairgrounds,  
Bloomington  
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.

**CLUB CALENDAR--**

April 20 Regular Meeting, North School, 7:30.  
Program: Glacial Geology, Dr. Graham Larson  
April 22 Field trip, Corydon IN, meet at quarry 11:30 OUR TIME  
April 27 Ralya Elementary Science Night  
May 4 Board Meeting, Meridian Service Center, 7:30  
May 11 Murphy School Science Night  
May 18 BANQUET, Okemos Masonic Lodge. 5:30 social hr., dinner 6:30.  
Program: Volcanoes & Plate Tectonics, Dr. Richard Lefebvre  
Oct. 27-29 Our Show "Crystal Magic," Marshall St. Armory