


CHIP & LICK



Official Publication of the Miami Valley Mineral and Gem Club

VOLUME 47, NUMBER 2

FEBRUARY, 2001



MEETINGS: Second Sunday of the month except June, July and August.

PLACE: YMCA, 300 South Central Ave., Fairborn, Ohio 45324

TIME: 2:00 P.M.

Guests are always welcome!

EDITOR: Becky Dobbs
2792 Greystoke Dr.
Xenia, OH 45385

MATERIAL IN THIS BULLETIN MAY BE COPIED PROVIDED FULL CREDIT IS GIVEN TO THE AUTHOR AND TO THE BULLETIN.

Published monthly except July and August

Purpose and Memberships

The objectives of the Miami Valley Mineral and Gem Club are:

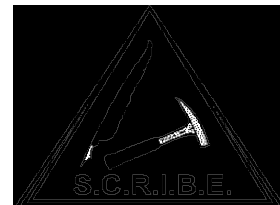
To promote interest and increased knowledge in the fields of mineralogy, geology, and the lapidary arts.

To further the art of mounting and setting stones.

To encourage the collecting, identifying and displaying of specimens in these fields.

The annual dues are \$7.50 for an individual membership, \$10 for a couple, or \$12 for a family membership.

This club is a member of the Midwest Federation of Mineralogical and Geological Societies (MWF), which is a member of The American Federation of Mineralogical Societies (AFMS).



The Editor of the MVMGC is a member of S.C.R.I.B.E.

MIAMI VALLEY MINERAL AND GEM CLUB, INC.

2001 OFFICERS

President	Hugh Fulton	322-1021
Vice President	Matt Kromphardt	878-3348
Corresponding Secretary	Katrin Ruben	390-2081
Recording Secretary	Dick Faux	289-7032
Treasurer	Joyce Perry	372-8228
Editor	Becky Dobbs	372-9022
Librarian	Dave Perry	372-8228
Curator-Historian	Becky Dobbs	372-9022
Trustee (2001)	Betty Husted	325-6997
Trustee (2002)	John Mercer	322-1768
Trustee (2003)	Beth Stewart	864-1682

2001 COMMITTEES

Anti-Litter	All Members	
Canceled Stamps		
Chaplain	Udean Babyak	322-0443
Christmas Banquet	Adlib	
Field Trips/ Safety		
MWF Liaison	Hugh Fulton	322-1021
Photographer	Hugh Fulton	322-1021
Program		
Refreshment		
Scholarship	Joyce Perry	372-8118
Show Chairman	Hugh Fulton	322-1021
Spring Banquet	Joyce Perry	372-8118
	Becky Dobbs	372-9022
Sunshine		
Swap		



FEBRUARY BIRTHDAYS

John Mercer	Feb 4
Joyce Perry	Feb 4

ANNIVERSARIES

Joan & Hugh Fulton Feb 24

March Meeting

Article Display Refreshments

Hugh Fulton
Mabel Husted

President's Message

Burrrrr, what happened to global warming? I have been cold all winter. I'm looking forward to longer days and some sunshine. Sunshine makes me think Sunshine Committee. Club members under the weather include Russ Bignell, he will be having a bypass and aorta valve replacement as soon as he recovers from pneumonia. Udean Babyak will be having knee replacement surgery on February 21st. Betty Husted is braving it through radiation treatments and chemotherapy. Betty will remain a club member, depending on her health. I'm sure all would appreciate a card.

The ground was shaking all over the world last night (Jan. 25th). One, a minor one, 4.2 on the Richter scale centered 10 miles NW of Ashtabula, Ohio. This was one you would feel and might run outdoors, probably be falling plaster and some damage to buildings. A smaller one occurred there September 22, 1999, registered 2.8. Many people are unaware that for each whole-number increase on the magnitude scale, the energy of an earthquake increases by about 30 times. A 3.0 magnitude earthquake is about 30 times larger than a 2.0 magnitude earthquake. Because the scale is logarithmic, a 4.0 magnitude earthquake is about 900 times larger than a 2.0 event. Can you imagine what the others around the world were like that measured around 8.0? Over a dozen countries were hit last night, we were lucky, India was not.

We didn't get all 2001 committees filled last month, lets do it today.

Hope you brought something for Show & Tell today.

Hugh Fulton

P.S. Did you know Ohio has had 120 earthquakes in the last 200 years, all minor?



MIAMI VALLEY MINERAL & GEM CLUB MINUTES - 14 January 2001

The meeting was called to order by President Hugh Fulton. Chaplain Udean Babyak read an article by Donna Shaper, inspired by Chronicles 28:10 entitled, *On the Threshold - We Should Act*. The new officers were installed, with the exception of Betty Husted, who has informed us that she does not wish to hold an office in 2001. The report of the December meeting, included in Chip and Lick was read. In order to record actions taken at that meeting, Hugh Fulton, also presented the following memorandum:

December 2000 minutes:

A motion was made by Anne Yokell to pay \$96.97 for printing Chip & Lick, seconded by Udean Babyak and carried. Hugh Fulton read, *A Rockhound's Night Before Christmas*, by Edna F. Pauli from the Golden Spike Gem and Mineral Society. Udean Babyak played Christmas carols. Gifts were exchanged and door prizes were awarded to all. Betty Husted and Anne Yokell were recognized for service to the club.

(end Dec. minutes memo.)

The treasurer's December report and annual report were read and accepted. An annual audit of the books was received from the Trustees and accepted. In a related matter Dave Perry, the librarian, reported that he had been going over the club library and urged people to become familiar with the good books that we own. Hugh Fulton reported that he had received a copy of the club inventory and that some items were missing. A discussion followed as members tried to provide clues to the location of the missing items.

CORRESPONDENCE:

The Lapidary Journal sent information about a plan for club members to subscribe to the

magazine at a discount. We received information about a field trip offered by the Illinois Museum and fliers about rock shows planned by Canton, Central Ohio, and Bloomington, Indiana clubs. The American Federation Newsletter and information about the coming Midwest Federation were placed on the table.

REPORTS:

Scholarship - We were reminded that the proceeds of the silent auction being conducted would go to the scholarship fund.

Show - publicity has been sent out and we need to secure fliers.

Sunshine - Udean Babyak is expecting to have knee surgery on February 28th.

OLD BUSINESS:

Hugh Fulton reported that the Donnelville Lions Club is suggesting that we hold the swap on a different week-end and that a craft show be included in the event. There was discussion of how this could be done. Udean Babyak moved that we change the swap to the Sunday of the second week-end in June and that we work with the Donnelville Lions Club to include crafts in the event. Mabel Husted seconded the motion and it was carried. We expect that the Lions Club will help with the advertising and will contact crafts people.

We returned to the proposal to carry ads in Chip and Lick. Matt Kromphardt moved that we permit ads for members only. Udean Babyak seconded the motion. After a discussion, that included a recognition that we needed to consult with Becky Dobbs about this, Phillip Lind moved that we table the motion. This motion was seconded by Jim Babyak and carried.

NEW BUSINESS:

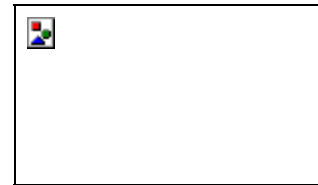
Hugh Fulton reported that some members have expressed an interest in a web site for our club. Various ideas of ways to do this were offered but it was decided that we needed to seek more information, perhaps from Becky Dobbs, before we went further with this matter

The meeting was adjourned for refreshments and the final steps in the silent auction.

Richard Faux, Recording Secretary



DUES MUST BE PAID TO REMAIN ON MAILING LIST



HINTS & TIPS

If you would like to try your luck at stabilizing a porous stone such as turquoise so it can be cut and polished, then Silvery Colorado River club offers these instructions: Take a jar with a lid, add 1 pint acetone (do this outdoors!), add the contents of both the resin and hardener tubes of epoxy glue, mixing well (suggest 330 water clear epoxy); add well dried stones; cover and let remain at least 4 days; remove stones; allow a week to dry. They should now be stabilized and ready for working.

Via Brukner Rockette 02/01, via Rocky Reader 9/00 and others



UPCOMING SHOWS & EVENTS:

- MARCH 2-5 CINCINNATI, OH
GREATER CINTI AREA GEM, MIN, JEWELRY & FOSSIL SHOW
SHARONVILLE CONVENTION CENTER, 11355 CHESTER RD.
FRI 11-7 SAT 10-7 SUN 11-5
- MARCH 10 - 12 RICHMOND, IN
EASTERN INDIANA GEM & GEOLOGICAL SOCIETY, INC.
WAYNE COUNTY FAIRGROUNDS
- MARCH 17-18 CANTON, OH
STARK CO GEM & MINERAL CLUB 34TH ANNUAL SHOW
CANTON MEMORIAL CIVIL CENTER
1101 MARKET AVE N. CANTON, OH
SAT 10-6 PM SUN 10-5 PM
- MARCH 24-25 CHAMBERSBURG, PA
FRANKLIN CO ROCK & MINERAL CLUB 24TH ANNUAL SHOW
2463 LOOP RD.
SAT 10-7 PM SUN 10-5 PM
- APRIL 1 -2 COLUMBUS, OH
COLUMBUS ROCK & MINERAL SOCIETY
VETERANS MEMORIAL BLDG.
- APRIL 6-8 BEREA, OH
THE GREATER BEREA AREA GEM, MINERAL, JEWELRY &
FOSSIL SHOW
CUYAHOGA COUNTY FAIRGROUNDS
- APRIL 28 - 29 TROY, OH
BRUKNER GEM, MINERAL FOSSIL & JEWELRY SHOW
TROY, OH
- MAY 5 - 6 CINCINNATI, OH
37TH ANNUAL GEM, MINERAL, FOSSIL & JEWELRY SHOW
CINCINNATI CONVENTION CENTER
- JUNE 9-10 DONNELSVILLE, OH
38TH ANNUAL MIAMI VALLEY MINERAL AND GEM CLUB SWAP
- JUNE 16 - 17, CLIO, MI
MICHIGAN GEOLOGY AND GEMCRAFT SOCIETY'S 27TH
ANNUAL ROCKHOUND SEMINAR
- JUNE 23 - 24 BLOOMINGTON, IN
36TH ANNUAL GEM, MIN & FOSSIL SHOW & SWAP
FRI 10-07 PM SAT 8-7 PM SUN 8-4 PM
- SEPT 7-9, RICE LAKE, WI
MWF SHOW AND CONVENTION

Midwest Federation News



ALAA has a new executive gentleman by the name of Dave Fordyce from the Washington D.C. area. He also serves the Eastern Federation (EFMLS) as the new chair of the Conservation and Legislation Committee. Check out the ALAA web site at: www.amerlands.org.

The spring meeting of the Midwest Federation will be held in Canton, Illinois, Saturday April 7th. Plans are being made for a fossil field trip and geode field trip during the weekend. President Dean Stone invites all to attend.

Via MWF Newsletter 02/01

American Federation News



AFMS Rockhound of the Year From Midwest Federation

John and Regina Fischer are charter members of the Greater Cincinnati Lapidary & Faceting Society which started in 1989. Officially, John was elected a member of the Board of Directors in 1991 and again in 1998, each time for a three year term. Officially, Regina served as club treasurer in 1993, 1998, 1999 and has been the membership chairperson since 1993.

No official records are available, but I'm sure that both John and Regina served on the nominating committee sometime in the ten years of the clubs existence. They have co-lead field trips, given programs and have been ambassadors for the club by participating in many community events during which they gave lapidary demonstrations. They have served their club well and we all would like to thank them.

Congratulations John and Regina Fischer!



****NO DEPOSIT NO RETURN ****

Membership in any organization is like an investment of money in any commodity or service; the amount of personal benefit or return is in direct proportion to that which one invests. You will get back only that which you are willing to put in. If you don't invest anything, it is not reasonable to expect any return. A club NEEDS your participation, your ideas and your time. If you don't like the way the club is going, get involved and change its direction. If you DO like the way it is going, there is room for many more to join the team. Every person possesses an experience inventory directly applicable to one of the facets of club membership and satisfactory operation. YOU can supply this experience directly and expect to see the results. You won't however, if you are unwilling to make the effort.

I've heard the complaint: 'I see the same faces holding office every year.' Well, to whom have you volunteered your time? To whom have you said, 'I can help with this or that?' The best of all possible worlds is to belong to an organization in name only; to stand on the periphery and react only to that which is being done or suggested. Such a position is one of infinite safety, for in following such a course an individual never has to take the blame for failures or share in shattered programs. I've also heard 'I don't know anything about mineralogy (or rocks, geology, etc.) I have to learn more before I can help.' HOGWASH!! The procedures in operating an effective, interesting, and business-like Gem and Mineral Society are no different from those of operating a PTA - only the program objectives are different; the machinery remains the same.

(From Calgary Lapidary Journal via Ozark Earth Science News, 10/83 and Flint Rock & Gem Newsletter 09/90, via MWF Newsletter 02/01)



ICE AGE GIANT BEAVER IN OHIO

Between ten and twelve thousand years ago, there were prehistoric swamp rodents that were neighbors of Ohio's first Indians. We refer to them as giant beavers because of their size and relationship to modern beavers.

Studying fossil remains, scientists were able to determine that the giant beaver was the largest rodent in North America during the Ice Age. Its bones suggest that it was larger than six feet and weighed between 300 and 400 pounds.

Other large mammals in Ohio during the Ice Age were the now-extinct mastodons; mammoths; ground sloths and stag moose. Some Ice Age animals, including muskrats and smaller beavers, survived and still inhabit Ohio.

During the Ice Age, which began about two million years ago, summers were cooler and the snow and ice did not melt as readily as they do now. One by one, over thousands of years, several lines of mile-high glaciers formed in Canada from unmelted snow and ice and moved southward into what is now the northern United States.

Each glacier scraped its way across Ohio, smoothing hills and filling valleys. Eventually, climatic warming trends caused the ice to melt faster than it was building up. About 14 thousand years ago, the last of the large glaciers melted away. During the latter part of the Ice Age, many of the large animals that we know today only as fossils lived in Ohio. The giant beaver is one of them.

The discovery of it was accidental. In 1957, construction workers were building a road at the Northern Lights Shopping Center in Columbus, OH. They tried to strengthen the roadbed by replacing soft peat with gravel. A local gardener took some of the peat and found in it what appeared to be a very unusual fragment of bone to which large teeth were attached. Curators at the Ohio State Museum found many pieces of wood at the site that had been chewed by animals, some of which appeared to carry the toothmarks of the giant beaver.

Via The Chiseler 02/01. From the Lithnics, 01/01, from an article by Carl Albrecht, Curator of Natural History, via Ohio Historical Society Echoes, via Marin Mineral Society Tumbler 1/96, via the Benitoite, 3/96.



Field Trips offered in Illinois and Indiana

The Illinois State Geological Survey (ISGS) and the Lost River conservation Association (LRCA) are two organizations that offer no cost field trips - several times each year.

The ISGS schedules two trips each year, one in the spring and another in the fall. You might be interested in what they are doing this spring. On April 14 and May 12, 2001 they will be guiding a tour to the Garden of the Gods Recreations Area in southern Illinois where 320 million years of geology are preserved in the Shawnee National Forest. As participants hike the trails, they will learn about the numerous geologic periods exposed within the area, significant formations, including Mississippi bedrock abundant with marine fossils and various ecosystems - some which have persisted since preglacial times. For more information about these trips or to be put on the mailing list for future trips, call ISGS at (217)333-4747 or 2240-2427 or visit <http://www.isgs.uiuc.edu>.

Lost River Conservation Association (LRCA) offers three tours of Indiana's Lost River Karst (cave) System each year. The all day trips begin in Orleans, Indiana and include an orientation and riving tour of significant portions and features of the Lost River, which is unique and has a rich heritage. To be placed on the mailing list for event notices send a written communication to LRCA, c/o Robert Armstrong, Chairman, 3103 Washington Blvd, Indianapolis, IN 46205.

From Brukner Rockette 02/01 via MWF Newsletter 11/00.



NEW HERKIMER LOCALITY OPENS

The Treasure Mountain Diamond Mine in Little Falls, NY, has been opened as a fee site (as of Memorial Day Weekend). The smoky scepter quartz crystals that are found at this site are truly unique and beautiful (see recent *Mineralogical Record* for picture). In addition, jewelry quality crystals (with and without anthrazolite inclusions) and large "klunkers" can be found here, depending on the part of the mine in which you dig. The calcite crystals (can be larger than a fist) found here often have perfect diamonds inside.) This locality has typically hard Herkimer rock but the amount of overburden is much less than that of the more popular Middleville, NY, mines. Thus, some hard work is required to get the desired scepters. However, because the diggings are closer to the surface, some cracks are in the rocks and wall mining is slightly eased. There are (as of yet) no signs of huge vugs full of crystals as found at Middleville, but this is one of the few localities where these unique smoky scepters can be found.

To reach this promising locality, from the NYS Thruway take exit 29A (Little Falls). Go through the toll booth and travel about ¼ mile. Turn left onto route 169. Go another ¼ mile and turn right on State Route 5S. Go 1.9 miles (up the hill) and the entrance will be on the right (barn next to 3 silos). This barn is the office and is open from 9 a.m. to 6 p.m. daily through November. Cost to collect is \$10.00 per person

Via Glacial Groove 01/01, via Geolletter Geological Society (1999) via Rockfinder, 11/00.



Both sugar and vinegar are preservatives, so it seems to boil down to whether you would rather be pickled or in a jam.

Via The Chiseler 02/01, from Farm & Home Almanac '89, Via MWF Newsletter 11/98

BECKY DOBBS - EDITOR
2792 GREYSTOKE DR.
XENIA, OH 45385

SAVE COMMEMORATIVE STAMPS