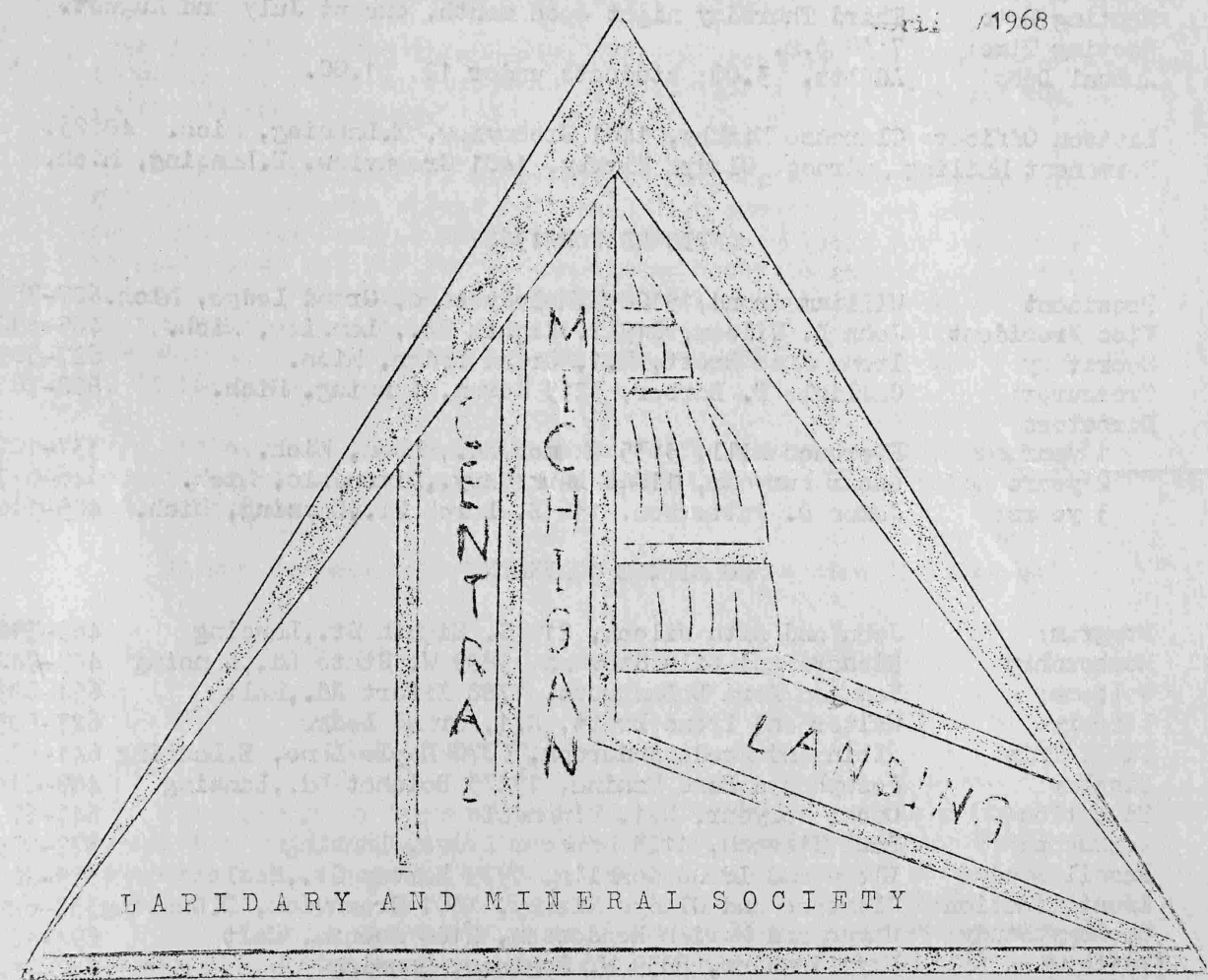


# ROCKHOUND NEWS

VOLUME XII

NUMBER 4

April / 1968



## AFFILIATIONS

MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES  
AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

## ROCKHOUND NEWS - 1968

This bulletin is the official publication of the Central Michigan Lapidary and Mineral Society of Greater Lansing, Michigan, and is published the second week of each month, except July and August.

The Central Michigan Lapidary and Mineral Society is a non-profit organization meeting to promote interest and increased knowledge in the fields of mineralogy, geology, archaeology, paleontology, and the lapidary arts.

Meeting Place: St. Stephen Lutheran Church, 3838 Delta River Dr., Lansing.  
Meeting Date: Third Thursday night each month, except July and August.  
Meeting Time: 7:30 p.m.  
Annual Dues: Adults, \$3.00; students under 18, \$1.00.

Liaison Officer: Clarence Kirkby, 1401 Greenview, E. Lansing, Mich. 48823.  
Permanent Mailing Address: Gladys Kirkby, 1401 Greenview, E. Lansing, Mich.

### OFFICERS FOR 1968

President:	William Arend, 13100 E. Melody Lane, Grand Ledge, Mich.	627-7563
Vice President:	John D. Wilcox, 219 S. Eighth St., Lansing, Mich.	485-3926
Secretary:	Irene Jane Brett, R.1, Grand Ledge, Mich.	627-5058
Treasurer:	Carlisle T. Barber, 3215 Karen, Lansing, Mich.	882-7621
Directors:		
1 year:	Florence Hill, 3135 Okemos Rd., Mason, Mich.	337-1005
2 years:	Oscar Puryear, 11848 Burke Hwy., Dimondale, Mich.	646-6779
3 years:	James D. Patterson, 136 S. Larch St., Lansing, Mich.	485-1460

### COMMITTEE CHAIRMEN

Program:	John and Rita Wilcox, 219 S. Eighth St., Lansing	485-3926
Membership:	Richard and Lila Stevens, 5889 W. State Rd., Lansing	489-7444
Welcome:	Van and Nora DeLashmatt, 1788 Eifert Rd., Holt	694-0897
Library:	Walter and Irene Brett, R.1, Grand Ledge	627-5058
Field Trip:	Albin and Freda Anderson, 6070 Maple Lane, E. Lansing	641-6329
Display:	Joseph and Rose Manina, 15473 Boichot Rd., Lansing	489-0141
Education:	Oscar Puryear, R.1, Dimondale	646-6779
Workshops:	Paul Stevens, 4123 Marmoor Drive, Lansing	372-0358
Fossil Study:	Lloyd and Irene Conklin, 5979 Harvey St., Haslett	339-8013
Identification:	Clarence and Gladys Kirkby, 1401 Greenview, E. Lansing	332-6809
Geology Study:	Wayne and Marian Henderson, 2186 Auburn, Holt	694-1001
Editor:	Mary Jenkins, 8039 W. Saginaw, Lansing	627-7543
Publishers:	John and Wilma Hopkins, 229 Julian St., Lansing	372-2089

Material in this publication may be used by others, provided that acknowledgment is made of the source.

### PRESIDENT'S MESSAGE

The almost unanimous response at the last club meeting in favor of having a show again this year has us off and running again-----to the best show yet!

Florence Hill and Oscar Puryear will be Co-Chairmen for our 3rd Annual Gem and Mineral show.

Now is the time for you to put in your bid for the job you want on the various show committees. We have had wonderful help on the previous shows and I'm sure we will again.

I would to take this opportunity to encourage the newer club members to volunteer their services----you will have a lot of fun and the rewards are immeasurable.

Also, a reminder to everyone, to collect some extra material this summer for the silent auction. With our shows and other community services, we are forging a very good image for our club in particular and for the rock hounding hobby in general. Our fame is spreading! We have requests from Dealers from Montreal to Oregon that were received almost a year in advance for space at the show. Our show attendance last year was about 9,000 persons. LET'S MAKE IT 15,000 this year.

Again, with another great show in the making, we are involved in our commitment to increase our knowledge and skills as rock hounds and lapidaries.

Do you suppose rock-hounditis can be worse than fishing-pox?

\* \* \* \* \*

TO BX TAKXN TO HXARET-----

Xvxn though my typxwritxr is an old modxl, it works quitx well xxcept for onx lxy. It is trux that all thx other kxyx work well xnough, but just onx of thx kxyx not working makxs thx diffxxnxx.

Somxxmxx it xxmxx a club is somxxwhat likx my typxwritxr-not all thx kxy pxxplx are working. Who are thx kxy pxxplx? All thx mxxmbrs. Now you may say, I am only onx pxxson, I won't makx or brxak the club. But it does makx a diffxxnxx, bxxausx to function xifxxctivly, thx club nxxds xvxxy mxxmbr actixv. so thx nxxt timx you think your hxlp won't bx missxd, rxmxxbxx my typxwritxr.

(via the Strxxak Flatx)

(Editor's Note) Aren't you glad we have such excellent equipment at our disposal, so that we need not use typewriters of this typx?

From The Program Committee-----

In the early days of our rock club when we were still at East Lansing School, we had a film from the Telephone Company on Crystal growing for communications.

Since that was about eight years ago, we thought it would be nice to do a repeat as this was a very good film.

In addition, two of our members are to give short talks. Pres-Bill Arend will discuss opals and Nancy Randolph will talk about coal.

Since everyone is not able to be on the program at the same time, why not conduct your own part of the program, by bringing along one of your favorite rocks, and exchange some of your views with other rock hound members. With vacation time not too far away, maybe you can give another fellow rock-hound some good suggestions for collecting. It's not too early to plan vacations.

Program Committee

\* \* \* \* \*

Mr. Keys, principal of the Lansing Main Street School, asked for a member of the club to help a group of fifth graders with rock study. The Walter Bretts met with them on March 18. Twenty-six children stayed after school for the class. Plans are being made for more classes before school closes.

\* \* \* \* \*

#### ARE YOU A LITHOPHILY?

You are if you are a Rockhound. It is derived from two Greek words: Lithos----which means stone, and Philos----lover.

via R.I. Rockhound News

\* \* \* \* \*



### HELPFUL HINTS ON DISPLAYING

Hints of a general nature are all that can fit into an article less than book size. Each division or type of material needs its own arrangement (according to size and number of pieces), Labeling may be very simple, or require a long list of constituents as a chemical formula. Such information requires textbook study. The following apply to all cases:

**LINING:** Neatly fitted and clean, choose a color that will compliment your specimens. Neutral colors or pastel are usually good. Strong colors may overpower your specimens. Texture should not be too pronounced as it may draw attention away from the specimens. Coarse material such as burlap is not good with faceted materials but would compliment large pieces of petrified wood, etc. Shiny or patterned materials are inadvisable, because they attract the eye away from the specimens. Risers are best if covered with material used to line the case.

**ARRANGEMENT:** Do not overcrowd. Leave a large enough space between so each specimen will receive its share of attention. Necessary mounts should show the specimen to best advantage, but not conceal any of the specimen.

**BALANCE:** In general, keep larger specimens into the back. An outstanding piece should be used for the center of attraction. Arrange sizes and colors to balance each other.

**LABELS:** Labels should be the same size, also clean with no erasures, typed with the same typewriter or hand lettered uniformly. Be sure they are legible, correctly spelled. Plain labels are usually best. Hope these hints have helped, Now get that display ready for Michigan Week or for Jackson Show.

In continuation with our attempt to bring you something on the educational side, we offer the following:

#### ONE WAY TO CUT A PERFECT CABOCHON

1. Select materials that are as pit free as possible, with no fractures in the area that will be the finished cabochon. Good materials will reward with beautiful cabochons. If slab is spectacular, however, you might want to repair any imperfections with an epoxy.
2. Use a template and aluminum scribe to mark the desired size and shape on the slab. Always use a SHARP scribe, use of a dull one will mark a smaller size than wanted. Scribe the stone on the back, not on the side to be finished. Work the stone from the back, so that the marks will be on the back.
3. Trim saw the marked stone from the slab, leaving an eighth of an inch of material outside the stone markings.
4. Begin to grind the bezel on the stone. Use plenty of water on the grinding wheels at all times. Using the coarse, 100 grit wheel and with the back of the stone toward you at a 15° angle slant to the wheel, grind the stone down nearly to the mark scribed. The stone should be left a few thousandths of an inch large, as you will go to the fine grinding wheel and two steps of sanding before it is down to size.
5. Smooth the stone on the back, first on the coarse wheel (side) and then on the fine wheel. This is called, backing the stone off and is much easier to do at this time than it is after the crown or curve is cut on the top.
6. Now the stone is ready to be attached to a dop stick, with dop wax, a material that melts readily with a small alcohol lamp and applied in a generous amount holds the stone to the stick, for which any 4 to 6 in. doll rod made of wood or metal may be used. Now cut the desired top on your cabochon. Everyone has his or her idea as to the shape the top should have, but in any case, the procedure is about the same. The first step in cutting an oval or curved top stone is the removal of excess from the outer edge of the stone top. For the beginner, it might be well to mark the depth desired with a scribe. After a little experience tho, this would not be necessary. With a rocking motion, or arcing motion, and grinding almost to the edge of the bezel and almost to the center of the stone the oval top will be accomplished.
7. On the fine, or 220 grit wheel, simply grind away the roughness left by the coarse wheel. No additional shaping is to be done. Due to the convex shape of the grinding wheel we will have a slightly concave shaped bezel. Hold the stone edgewise and rotate on the fine wheel at the angle of the bezel to eliminate this concave shape. With a very light pressure repeat the rocking or arcing motion as explained above to remove the coarse grit grind marks from the top of the cabochon.
8. There are several procedures for sanding, use a 220 grit drum sander for the first operation and then 320, 400, or 600, depending upon the material you are working with. While sanding rock or arc stone so as to sand the entire surface from extreme top edge of the bezel to the center. Don't forget to sand the bezel and the back of the stone, always using very light pressure. Burning or faceting of the stone will result from too much pressure. WASH THE STONE AND THE HANDS THOROUGHLY!
9. Widely used polishes are cerium or tin oxide thinly mixed with water-etch to his own. Using a small paint brush apply mixture onto rock hard felt buff. A gentle pressure and the rocking motion should produce a brilliant polish. Jade and a few other materials require Linda A, or other polishes and a leather buff. Experience is your best teacher.

THE AMERICAN FEDERATION

CODE OF ETHICS

- I will respect both private and public property and will do no collecting on privately owned land without the owner's permission.
- I will keep informed on all laws, regulations or rules governing collecting on public lands and will observe them.
- I will, to the best of my ability, ascertain the boundary lines of property on which I plan to collect.
- I will use no firearms or blasting material in collecting areas.
- I will cause no willful damage to property of any kind -- fences, signs, buildings, etc.
- I will leave all gates as found.
- I will build fires in designated or safe places only, and will be certain they are completely extinguished before leaving the area.
- I will discard no burning material -- matches, cigarettes, etc.
- I will fill all excavation holes which may be dangerous to livestock.
- I will not contaminate wells, creeks, or other water supply.
- I will cause no willful damage to collecting material and will take home only what I can reasonably use.
- I will support the rockhound project H.E.L.P. (Help Eliminate Litter, Please) and will leave all collecting areas devoid of litter, regardless of how found.
- I will cooperate with field trip leaders and those in designated authority in all collecting areas.
- I will report to my club or federation officers, Bureau of Land Management, or other proper authorities, any deposit of petrified wood or other material on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.
- I will appreciate and protect our heritage of natural resources.
- I will observe the "Golden Rule," will use "Good Outdoor Manners" and will at all times conduct myself in a manner which will add to the stature and "Public Image" of rockhounds everywhere.

NOTICE

The Cranbrook Institute of Science, of Bloomfield Hills, Michigan will hold a sale of display mineral specimens and lapidary material, on Saturday, April 27, 1968.

Cranbrook Institute members will be permitted to the sale from 9:00 A.M. to 12:00 noon. The general public will be permitted to the sale from 1:00 P.M. to 4:00 P.M.

\* \* \* \* \*

Dear Earth Science and Lapidary Enthusiasts:

On May 3, 4, & 5, 1968, the Michigan Gem and Mineral Society of Jackson Michigan, will hold its Sixth Annual Gem and Mineral Show.

The show will be held in the Y.M.C.A., 127 West Wasley, Street, Jackson, Michigan.

We would like a display from your club or some of your members for our show.

Please remit your application for display space no later than April 17, 1968

Indicate the following: Club or Society, individual, or Junior (under 18)

If you need a case, some club cases are available.

If you have your own case indicate size, and;

please include your name, address, telephone, and zip, send this info--

the sooner the better to: Pauline (Felly) Van Dam  
6881 Lansing Ave.  
R#1 Rives Junction, Michigan 49277

\* \* \* \* \*

Our Field Trip Chairman, Albin Anderson, informs us that there will be a great field trip to the Walling Gravel Pit on April 28, 1968, members are to meet at 1:00 P.M. If you so desire, and the weather is nice why not pack a sack lunch and make it a real outing for the family?

\* \* \* \* \*



WELL DID YOU?

Help to pour the coffee?

or get the chairs in place?

Or if a member seemed to have an unfamiliar face,

Did you try to make them feel at ease?

And did you clasp their hand? Or did you just ignore them,  
and let them forlornly stand?

Did you, volunteer committee work, or weren't you even there?

Did you try to help to pull the load, or did you duck your share?

Or were you in absentia, ensconced upon a shelf.

WE HAVE NO RIGHT TO ASK YOU, SO WHY NOT ASK YOURSELF!

ROCKHOUND NEWS

Mrs. Bernard G. Jenkins

8039 W. Saginaw Hwy.

Lansing, Michigan 48917

FIRST CLASS



Richard Stevens  
5889 W. State Rd.  
Lansing, Mich. 48906