

THE ROCKHOUND NEWS

Official Publication

of the

CENTRAL MICHIGAN LAPIDARY AND MINERAL
SOCIETY

Lansing, Michigan

Volume VI - Number 2

February, 1962

Affiliated with the Midwest Federation

OFFICERS FOR 1962

President: Elmer Eckhardt, 1726 Springfield Lane - - - - - Lansing
Vice President - Program Chairman: Allen K. Philbrick, 520 Butterfield Dr. - E. Lansing
Secretary: Marie Fisher, 619 Community St. - - - - - Lansing
Treasurer: Norma Stuck, 3311 N. Cedar - - - - - Lansing
Liaison Officer: Clarence Kirkby, 1401 Greenview Dr. - - - - - E. Lansing

BULLETIN

Bulletin Publisher: Mary F. Maier, 409 Seymour Ave. - - - - - Lansing
Editor: Theodore Werle, 4205 Meridian Rd. - - - - - Okemos

EDITORIAL STAFF

Sam Knox, Henrietta and Read Myers, Leon W. North,
Ethel W. Rathke

Meeting Place: Walter French Junior High School Cafeteria
Meeting Time: Third Thursday, Monthly except July and August
Dues: Annually, \$2.00 Students under 18, \$1.00

THE PROGRAM NEXT WEEK

Details of Club Meeting for Thursday, February 15, 1962

Time: 7:30 P.M. Place: Walter French Cafeteria
By Allen K. Philbrick, program chairman

T H E M I N I N G O F N I C K E L

An educational movie from Inco-Nico Company showing the processes involved in mining in the Sudbury, Ontario, area.

Members are urged to bring recent rock finds or acquisitions. We like to see them. You may want help in identification of your specimen. Ask the experts. Don't be bashful.

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YOUR PRESIDENT'S MESSAGE

It is somewhat confusing for new officers to understand the physical operation of their organization and what their relationship is to other similar groups.

As a group of people interested in rocks, we hear and read of other groups in other parts of the country interested in the same thing we are. To direct this information to help the greatest number of people, it requires an organization larger than our local group. As a result of this need, there are six geographical regional federations, one of which is the Midwest Federation. We are affiliated with this federation.

These six regional federations are combined into a single group: The American Federation. To look at it another way, there are 40,000 member rockhounds of 600 local clubs which are affiliated with one of six regional federations, having membership in the single governing group, The American Federation.

From an organization of this size there is much information available and this information is being sent to us for our use. The suggestions they make are good. With suggestions like these it helps each club function better.

In our local club if you have information or suggestions for promoting our purpose, please make it known so the club members may benefit from your experience.
-- E. R. Eckhardt

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BOARD ACTION

At the February 3 Board meeting, after considerable thoughtful discussion, it was moved, seconded, and passed that "the club does not endorse the idea of commercial advertising in the bulletin."

CLUB SECRETARY, MARIE FISHER, writes:

The following guests were welcomed at our Annual Dinner Meeting, January 18, 1962:
Muskegon--Mr. & Mrs. Russell Greer, Mr. & Mrs. Fred Anderson; Clare--
Mr. Garrit Hamstra, Mr. Reginald J. House, Mr. Lee Sowle, Mr. Harley Sowle;
Dearborn--Mrs. Louis Cox, Mrs. Beatrice Heldenbrand, Mr. James Heldenbrand;
Chicago--Mr. R. Kemp.

These are new members to our Club who were accepted at the January meeting:

- #281--Robert J. Swenson, 1156 W. Leonard St., Grand Rapids, Mich.
- #282--William A. Russell, 5911 Rolfe Rd., Lansing 10, Mich.
- #283--Mrs. Floria Russell, 5911 Rolfe Rd., Lansing 10, Mich.
- #284--Edgar Leonard Owens, Student, 1924 Roberts Ln., Lansing, Mich.
- #285--Billy Ceasar, Student, 3116 N. Grand River, Lansing 6, Mich.
- #286--Mrs. Lou Alonso, 1031 Larkspur Drive, E. Lansing, Mich.

To subscribe to the "Earth Science" Magazine, the club members are entitled to \$2.00 per year; \$5.00 for three years. All club members wishing to subscribe should have a club officer varify the subscription. Renewals should be marked as renewals. To subscribe to "Gems & Minerals," club members need only \$2.00 per year. The requirement is that the new subscription come through an officer of the club. When renewal notices are received by those already subscribing, take the renewal card to an officer of our club to have the card validated. Subscriptions can be sent in at any time, in any quantity (1 or more) and will be entered to start at the next regular mailing. Your secretary will be happy to serve you in this capacity.

Your secretary wishes to thank the club members for their good response in the matter of paying their 1962 dues. Remember, to have your name in the new directory, dues need to be paid by March 15.

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The Lansing City Library has asked to receive three copies of each issue of "Rockhound News."

GOING PLACES?

Plan to see the National Gem and Mineral Exposition, Des Moines, Iowa.
July 27, 28, 29, 30, 31, 1962. --"Earth Science"

March 31 and April 1 will bring a gem and mineral show to the Milwaukee, Wisconsin, Art Center on Lincoln Memorial Drive at the lake front. Admission free. --"Earth Science"

Rockford, Illinois, June 8-10. Rock River Valley Gem and Mineral Club Show, Shrine Temple. Their first of proposed annual Rockaramas. --"Earth Science"

McAllen, Texas, March 2, 3, 4. --"Federation Show"

Through the month of March. Grand Rapids Mineral Society Annual Spring Show, Grand Rapids Public Museum. From "The Glacial Drifter."

MAGAZINES & BOOKS OVERDUE
as of February 15, 1962

Sara McClellan	Rocks and Gems
Richard Perry	Geology - "Boy Scout"
Ruth Hahener	Gem Hunters Guide
Dave Peabody	Rocks and Minerals of Michigan
Donald Myers	The Lapidary Journal (AUG '59)
A. Krave	" " " (FEB '61)
Howard Randolph	" " " (JUNE '58)
J. D. Nicol	" " " (FEB '59)
Rita Wilcox	" " " (DEC '59)
G. Pearson	Earth Science (APR '60)
T. W. Cuble	" " (OCT '58)
M. J. Green	" " (APR '59)
A. Krave	Rocks and Minerals (JULY-AUG '61)
G. Pearson	" " " (MAR-APR '60)
Alfred Etter	" " " (MAY -JUNE '58)
Fr. Luke	" " " (JULY-AUG '58)
Ila Parker	The Mineralogist (APR-MAY '59)
Bob Steinkamp	" " (OCT '56)
Jim Phillrick	" " (SEPT '59)
Pete Jameson	Gems and Minerals
M. Tallarill	" " " (JAN '58)
Alfred Etter	" " " (JULY '58)

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GOOD MEMBERS!

Let me help our editors strike your name from next month's list. Get in touch with me Thursday at the meeting and return the book.

YOURS FOR AN EVER BETTER LIBRARY . . . Harold Stuck - Librarian

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A REQUEST TO ALL MEMBERS

At our regular meeting place at Walter French school cafeteria, the school has purchased new tables. Members should bring their specimens for display as always, but when bringing your display specimens also bring with it some resistant material on which to set your specimens to prevent scratching the tabletops. E.R.E.

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We had the delightful experience Saturday evening, February 3, of attending our first meeting of the board and committee chairmen of our club. It was inspiring to witness the warm and friendly dedication of the men and women who carry the responsibility for steering your affairs.

--T.J.W., Editor

HINTS FOR TUMBLING

by

Clarence Kirkby

Experts tell us that stones, properly chosen for hardness and thoughtfully tumbled, can be polished in the tumbler alone to final readiness. Rough, broken stones, rounded beach stones, any preformed materials may be tumbled. It is important, however, that there should not be too great a variance in hardness between the stone types in each batch. Hard and soft together is not good; and stones showing four or less in the hardness scale do not show satisfactory results from tumbling.

HARDNESS SCALE OF THE MOST COMMON GEM STONES

AGATE	7	OBSIDIAN	5½
AMAZONITE	6	ONYX	5-7
AMETHYST	7	PETOSKEY STONES . . .	4
BLOODSTONE	7	PETRIFIED WOOD . . .	7
CARNELIAN	7	QUARTZ	7
CHALCEDONY	6-7	RHODONITE	5½-6½
CHRYSOCOLLA	4-5	SERPENTINE	2½-4
GARNET	5-6	SODALITE	6
JADE	6-7	THOMPSONITE	5-5½
JASPAGATE	7	TIGER EYE	7
JASPER	7	TURQUOISE	4-6
MALCHITE	3½		

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HOW TO PROCEED

STEP 1. Fill the tumbler exactly one half full of stones. (More or less will not get best results.) Add #60 silicon carbide grit, about 1 lb. to 6 lbs. of stones, and barely cover with water. Keep your grinding mixes about like thick cream. They will thicken up after running, so check daily and add water and grit as needed.

Tumble the stones continuously until the edges have a well-rounded look. The length of time that the stones should tumble will depend on their hardness, speed of the tumbler, size and other factors. When the desired roundness is achieved, remove them from the tumbler and discard the grit. The stones should be about the desired shape because the following grinding will wear off the stones. Wash the stones and wash out the tumbler thoroughly to remove the grit. Any coarse grit particles left in the tumbler will scratch the stones. It is better to use separate cans for each grit.

HINTS FOR TUMBLING continued

STEP 2. Proceed to tumble as before, except this time use a #220 grit. When a well-sanded look is achieved, remove the stones from the tumbler and wash as before. The #220 grit may be saved and used again for the second and third time, adding some new grit.

STEP 3. Now use a #400 or #600 grit and tumble until the stones are as smooth as possible and have a slight shine. Wash the stones and tumbler and save the grit to be used again.

STEP 4. Proceed as before, adding a polishing powder. Tin Oxide is the best for tumbling, as well as for hand polishing. Tumble until the stones become well polished. The longer the stones are polished, the better the polish will be. Felt squares are sometimes added to aid in the polishing. Again wash the stones and tumbler and save the polish.

STEP 5. Now add a detergent, such as Tide, using 1/2 cup to every 3 lbs. of stones and add water to nearly cover. Tumble for 24 hours. This process adds a luster to the polished stones.

NOTE: Felt squares or wood pegs may be used in the polish.

BB shot may be used in all the grits. They are a special aid in grinding flats and concave surfaces.

Gas pressure sometimes builds up inside the tumbler so that it becomes necessary to loosen the top at least every other day. Pressure release valves may be soldered into the end of the can. The tumbler should be run from 20 to 30 RPM.

DO NOT BE IMPATIENT--REMEMBER THE SECRET OF IT ALL IS TIME.

IMPORTANT P.S.

Don't dispose of your waste water and grit through your sewer system. This stuff clogs drains.

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Money! Money!

Don't forget to pay your dues!
Two dollars for an adult; one dollar for a student.

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AN ACOLADE

To our predecessor, Norman Kunkel, a hearty handshake for a job well done. Editor Kunkel set a high standard for all the features of the bulletin and we shall be hard put to it, to equal what he did.

--The Editor, Publisher and Editorial Staff
of the 1962 Rockhound News

WORKSHOP SCHEDULE

by
Joe Kreps and Committee

This schedule should be considered as still somewhat tentative, since final plans depend on the wishes of the interested group.

All workshops will be held on Monday nights.

1st Meeting February 12 at Joe Kreps' -- 2605 Delta River Drive

CARE OF DIAMOND SAWS AND GRINDING WHEELS

2nd Meeting February 19 at Joe Kreps' -- 2605 Delta River Drive

ELEMENTARY ROCK AND MINERAL IDENTIFICATION

3rd Meeting February 26 at Norman Kunkel's -- 435 Durand St., E. Lansing

DEMONSTRATION OF SLAB-SAW AND SPHERE MACHINE

4th Meeting March 5 at Joe Kreps' -- 2605 Delta River Drive

DEMONSTRATION OF CUTTING AND HAND-POLISHING

5th Meeting March 12 -- place to be announced

TUMBLE POLISHING TECHNIQUES

6th Meeting March 19 at Norma Stuck's -- 3311 N. Cedar

INTRODUCTION TO BASIC SILVER WORK

7th Meeting March 26 -- place to be announced

MAKING JEWELRY FROM TUMBLE-POLISHED BAROQUES

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INTERESTED PERSONS ARE DIRECTED TO MAKE APPLICATION WITH
JOE KREPS FOR JOINING THIS GROUP. OPEN TO ADULTS ONLY.

CENTRAL MICHIGAN LAPIDARY & MINERAL SOCIETY

Statement of Income and Expense for Calendar Year 1961

INCOME

1961 Membership	\$207.00	
1962 "	44.00	
Maps, emblems, armbands	15.80	
Sale of club-owned rocks	17.80	
Auction	69.58	
Miscellaneous	<u>4.98</u>	\$359.16

EXPENSES

Speakers	\$ 30.00	
Refreshments and banquet expense	83.94	
Petty cash to secretary	10.00	
Telephone	2.35	
Publication expense of editor	79.60	
Postage	3.00	
Library	24.48	
Emblems	6.00	
Fees and dues	58.45	
Equipment rental	16.68	
Display and publicity	49.31	
Printing	7.28	
Bank charge for checks	4.00	
Miscellaneous	<u>6.23</u>	\$381.32

BALANCE

Cash Balance, 1961, per auditor's statement	\$149.91	
Receipts for 1961	<u>359.16</u>	
Total		\$509.07
Expenditures for 1961		<u>381.32</u>
Cash Balance as of January 1, 1962		\$127.75

--Norma Stuck, Treasurer

BOARD MEMBERS - 1962

Elmer Eckhardt	IV 52457	Allen Philbrick	ED 28330
Harvey Eustrom	FE 92300	Cliff Prevy	IV 44964
Marie Fisher	IV 44081	Norma Stuck	IV 90451
Sam Knox	ED 20540	Harold Stuck	IV 90451

APPOINTED COMMITTEES

EDUCATION *Fred Gasche*

Fred Gasche, Chmn.	IV 43281	John Hocking	ED 22603
George Winsor	355 0868	Judy Hocking	ED 22603

DISPLAY

Ruth Eckhardt, Chmn.	IV 52457	Cliff Prevy	IV 44964
Ed Kirkby	IV 50481	Howard Randolph	NA 72462
Gladys Kirkby	ED 26809	Margaret Randolph	NA 72462
Roger Kirkby	ED 26809	Lila Stevens	IV 72662

FIELD TRIPS *Read Myers?*

Tom Malkin, Chmn.	FE 98110	Jim Patterson	IV 51460
Reo Hovey	IV 47293	Richard Stevens	IV 72662

MEMBERSHIP

Eleanor Owens, Chmn.	IV 57965	Grace Shappell	ED 23885
Cliff Prevy	IV 44964		

PROGRAM

Allen Philbrick, Chmn.	ED 28330	Frank Owens	IV 57965
Norman Kunkel	ED 79338		

PUBLICATIONS *Bill Ceread.*

Theodore Werle, Chmn.	ED 23981	Henrietta Myers	IV 56686
Sam Knox	ED 20540	Leon North	OX 48367
Mary Maier	IV 27120	Mildred North	OX 48367
Read Myers	IV 56686	Ethel Rathke	ED 21809

WORKSHOP *Francis Hyde*

Joe Kreps, Chmn.	IV 56947	Frank Rickerd	NO 92793
Norma Stuck	IV 90451	Ila Rickerd	NO 92793

WELCOME

Ray Brown, Chmn.	IV 26728	Fred Bambrick	NI 62685
Reva Brown	IV 26728	Pearl Bambrick	NI 62685

LIBRARIAN -- Harold Stuck

PERMANENT MAILING ADDRESS:

Gladys Kirkby
1401 Greenview, East Lansing