

## FROM THE PRESIDENT

Greetings to all members, may you all enjoy your Society to the fullest in the coming year. I hope everyone will enter in the many activities such as field trips, workshops, classes and many other activities. Enjoy your library by taking advantage of the wonderful material it has to offer. Enjoy the other members of our Society by getting better acquainted. Hope our young people will find more enjoyment in all our activities. We had a very good start at a workshop at the Walt Davis home. We not only had a very nice afternoon but also accomplished a great deal.

We are all saddened by the death of Life Member Elsie Barry, and wish to extend our sympathy to Lucy Dewey, her daughter, and family. Elsie took an active part in the society and especially in the shows. She enjoyed rockhounding, and had a particular interest in petrified wood. She was a very active member of her church. She will be greatly missed by many.

Hope to see each and every one of you at our February meeting when we will be having a silent auction.

Eva Whipple

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## PROGRAM - Wes Manley

February - A silent auction is scheduled for the February 19 meeting. This is a fine chance to exchange materials and also fill your needs for cutting and displaying. Bring your materials for selling and help make this a fine auction. David and Keith Martin will conduct the auction. Auction slips will be available at the opening of the meeting. Please pick these up and fill out as early as possible.

As in last year's silent auction, the selling price will again be divided between donor and club, 75% to the donor and 25% to the club. There will be no swapping.

## HONORS TO LARRY TRIPP

Larry Tripp, who recently retired as District Soil Conservationist, received a special award at the January annual meeting of the Ingham County Soil Conservation District, for thirty years of service. Larry and Lorna, our former Vice-President and secretary respectively, are on a Western vacation trip.

## ROSTER SECRETARY - Sally Barber

If your 1976 dues are not yet paid, you can pay at club meetings in February or March, or mail to me at

3215 Karen Street  
Lansing, Mi 48910

All checks should be made out to Central Michigan Lapidary and Mineral Society. The deadline for listing in the new 1976 directory is the March meeting. If any corrections should be made in your name, address, etc., from the 1975 directory, please let me know.

If there is a red star on your address label your dues are not paid. That is the only kind of notice you will receive.

## LIBRARY - Preston Whipple

New material for the library includes:

THE SEA, by Leonard Engel and the editors of Time-Life Books. This handsome book supplies a lively introduction to oceanography, which is perhaps the most backward subdivision of the earth sciences.

THE FIRST FARMERS, by Jonathan Norton Leonard and the editors of Time-Life Books. Another volume in the new Emergence of Man Series. Covers that period in the development of man when he turned from hunting to planting, cultivating and harvesting food.

Also, December and January issues of Earth Science, Rocks and Minerals, Gems and Minerals, Rocks and Gems, Rockhound and Lapidary Journal. We also have a copy of January Arizona Highways with a very interesting cover and an article about it -- "Artistry in Quartz".

## EDUCATION - Bill Gardiner

We are hoping to get some classes started in various activities pertaining to the lapidary arts. If you're interested in attending a particular class, please let me know as soon as possible. (655-3608)

## BANQUET - Sharon Davis

The annual banquet was attended by 185 people, an excellent turnout considering the weather. Guests and eager members enjoyed the punch table and viewed mineral exhibits prior to the time for everyone to be seated.

Invited guests from other clubs were:

Mr. and Mrs. Jerry Kasten and Mr. and Mrs. and Willis Kibler from the CAI Family Lapidary Club, Drayton Plains.

Mr. and Mrs. Win Chance and Mr. and Mrs. Howard Berndt from the Michigan Gem and Mineral Society, Jackson.

Mr. Frank Clark from the Roamin' Club of Livonia.

Mr. and Mrs. Russell Walter and Mr. and Mrs. Robert Widener from the Shiawassee Valley Rock and Gem Club of Owosso.

Mr. and Mrs. Bob Watson and Marie Saxton from the Sycamore Valley Lapidary and Mineral Society of Holt.

AFMS Regional Vice President Ellis Courier and his wife Clare, State MWF Director Arline Buchler and her husband Harold, and Dr. F. W. Cambrey, our speaker, honored us with their presence. Many club members brought friends as guests, also.

Lucky winners of door prizes were S. Alvey, M. Blackstone, D. Clinton, P. Whipple, R. Weisner, R. Watson, M. McMahon, A. Kasten, R. Saxmann, J. Blackstone, L. Nichols and A. Buerge. Russ Gibbs, Don Boroughs, Betty Hornberg and I.J. Brett were happy winners of some bowling tickets. Table centerpieces were won by some 60 individuals sitting in the lucky places.

Dr. F. W. Cambrey, Chairman of the Geology Department, MSU, gave a wonderful talk with slides on "Plate Tectonics" or the "Theory of Continental Drift". Everyone was fascinated by the material presented.

Following the program President Jim Patterson gave a resume of his year in office, and Treasurer Marshall Davis gave his annual financial report. Awards of Appreciation were awarded to worthy members having

## Banquet (continued)

fulfilled the duties entrusted to them in the past year. The Rock of Authority was turned over to incoming president Eva Whipple. New officers were charged with the duties of their offices by our Liaison Officer Bettie Patterson. Eva Whipple then introduced her committee chairmen for the year.

Thanks are due to the many volunteers who helped in contacting members for covered dishes; workers who helped decorate and make ready the cafeteria, those who were responsible for the punch table, welcome table, and mineral displays, all those who brought dishes to the banquet, and everyone who helped clean up after the banquet.

Without all these people working together, our annual banquet would not be possible. Our sincere thanks to everyone who helped on the banquet in any capacity.

## SHOW - Walt Davis

We have now received contracts back from eight of the ten dealers invited to the Show. With a few more workshops like the one we had in January, much of the show preparation will be taken care of before everyone gets busy with summer activities. We are, as usual, in need of materials for the children's table. We also need clear plastic pill bottles and small glass jars, like vitamin jars, for the magnetic sand and for the painted sand.

The workshops are a real big help in preparing all the materials needed for the children's table. Thanks to everyone who helped, it sure makes a difference.

Our Show is not a project for a few of the club members, but a project needing the help and support of all members in the club. There are many things to be done, beginning now and continuing until show time. Don't hesitate to volunteer to work on some phase of the Show. Give any

member of the Show Board a call and we will find a job for you to help with, something you are interested in doing.

There will be a Show Board meeting Thursday Feb. 12, at 7:30, 119 E. Syringa, Lansing.

## DISPLAY - Nancy Smith

Notices are coming of approaching shows. (See Calendar of Events). The Blossomland Club of Stevensville is asking for displays for their show March 13-14. If you are interested, see me. Flyers will be at the February 18 meeting.

## FINANCES - Ken Kurtz

Judges are needed for the Youth Talent Show April 3, for the awards CML&MS offers in the earth sciences.

Rod Cranston of LCC expresses his appreciation for the special grant CML&MS gave for the Mexican field trip. He says the field trip was a very worthwhile experience for the students taking part.

## PUBLICATIONS - Florence Hill

This year we are forming a large committee to carry on the publications work. To date ten people have volunteered to be a part. It is hoped that there will be several backup people for each job that has to be done -- editing, typing, proofreading, mimeographing, mailing, selecting material. Why not offer your services? Or your friend's?

You will recall that the January issue was prepared by Lola Pearson and Nancy Smith. This month finds I. J. Brett, Slim and Sally Barber, Nancy Smith and Lola Pearson working with me. Plus all the chairmen who contributed reports on their committee affairs. And maybe more before it's done.

Committee meetings will be few, fun and far between. Come join us! The line forms at the right!

February 1976

ROCKHOUND NEWS

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DISPLAY CASES - Walt Davis

We are planning to build some show cases this winter. Anyone interested in helping build cases please let Walt Davis (393-3020) know. Also, if you need a case let us know so we can decide how many to work on. There will be lists to sign up on, both for working on cases and for those who want cases, at the club meeting. If you sign up for a case a \$10 deposit needs to be made so that materials can be purchased and work begun. The exact cost is not known as yet.

MGAGS SEMINAR - April 3-4, 1976

Those of you who attended the MGAGS seminar last spring are already looking forward to the 1976 workshop. Chairman Harry Hughes says that last year's lecturers have been invited to return, plus many new ones invited. The workshop promises to be even more exciting than last year's. So plan now to be at the Washtenaw Community College in Ann Arbor that weekend. More information will be forthcoming.

Raffle tickets for the prizes to be given at the Seminar are available from the 12 CML&MS members who are also in MGAGS, and you can get them at our club meetings. Prizes include a man's star ruby ring, a lady's topaz ring, agate bookends, an opal pendant, soapstone carving and others. You do not have to be present to win. This is the project which provides funds for the MGAGS educational program. Support a worthy cause -- and maybe win a beauty!

THANKS GO

-- to Ken Kurtz, Mac McMahon, George Westcott, Cindy Fast and Florence Hill --

for bringing their much-appreciated displays on that snow-ridden evening of our banquet.

Nancy Smith

MINERALS OF MICHIGAN EXHIBIT AT THE U. S. BUREAU OF MINES MUSEUM, MINNEAPOLIS  
- Walt Davis

The following minerals have been donated and the majority of them were sent in the December shipment. \*Numbers are identification numbers on the minerals.

- 1 Bellevue, Pyrite, both 1 plate and 2 branched
- 3 Pyrite and Calcite
- 4 Maybee, Calcite
- 5 Sulfur
- 6 Celestites, 2 different XI shapes
- 7 Celestite with Calcite
- Iron ore pellets from 8 Republic Mine  
from Palmer Mine
- 10 U.P. Aphrosiderite (chlorite after garnet)
- 11 Datolite
- 12 Specular hematite
- 13 Goethite
- 14 Hematite (kidney ore type)
- 15 Copper (acid cleaned)
- Copper ore, 16 Kingston lode
- 17 White Pine Mine
- 18 Cliff Mine
- 19 Native copper (not cleaned)
- 20 Keweenaw, Manganese ore
- 21 Manganese and Calcite
- 22 Stromatoporoid (1.1 billion  
23 year old bacteria growth)
- Grand Rapids, Selenite
- 24 Bayport, Calcite
- 25 U.P. Hematite with siderite
- 26 Chrysacolla, 27 Epidote with Quartz
- 29 Chlorastrolite (greenstone)
- 30 Parma, Aragonite
- 31 Petoskey stone, gravel pit
- 32 Petoskey head, Alpena
- 32 Petoskey stone, beach

We will be sending another shipment after the next meeting. If you have anything to donate please bring it to the next meeting for consideration. We could use the following:  
Superior, Kona dolomite.

Our thanks to those who have donated already: Red and Bessie Rogers, Eugene and Mary McMahon, Jim and Bettie Patterson, Slim and Sally Barber, Lola Pearson, I.J. Brett, Walter and Sharon Davis.

## MOOD STONE RING REACTS TO CHANGE IN TEMPERATURES

The newest "in" object is a Mood Stone ring that changes color allegedly in response to your moods. The stone, a piece of quartz with a skin of heat-sensitive liquid crystals bonded to it, changes color directly as a result of fluctuations in skin surface temperature or heat or cold from any other source.

The \$45 ring from Q-Tran Ltd., subsidiary of Stress Transformation Centers Ltd. in New York, was discussed in an interview with Alexander F. Draper, president of Stress Transformation Centers. If you are really blue, for example, the ring should take on a black color--indicating depression. That may be so for some persons, but the ring also will turn black if you pop it in and out of the refrigerator. And if you're feeling blue while sitting in the sun your ring's bound to turn a sapphire color--which is supposed to be the ultimate up mood.

Draper said there is a backlog of 25,000 orders for the rings introduced in selected cities a month ago. As the fad spreads and demand picks up, will waiting lists develop? The firm expects to be able to keep up with demand. "Even if a million persons want a ring in two weeks?" he was asked. Such demand could be met, he told me. Draper said Polly Bergen and many others are among financial backers of the Mood Stone.

The folder that comes with the Mood Stone rings makes it seem nearly as magical as Aladdin's lamp. Some excerpts: "The Mood Stone provides you with biofeedback--that is subtle information from within your body about your mind and emotions. Normally you may not be aware of these inner feelings but with this new information you can learn to expand your own self knowledge. As your mood, emotion involvement and levels of realization change, your Mood Stone will take on the appearance and color of one of the eight natural stones--onyx, amber, topaz, jade, emerald, turquoise, lapis and sapphire. Your own energy activates changes in your stone's color. In general these...living colors spell out a continuum from intellectual preoccupation and possibly stress to open and flowing emotions and complete relaxation."

The literature that comes with the Mood Stone lists types of emotions and moods linked with various color changes. Amber means "strained with anxieties." Onyx means "inhibited, harassed, undergoing mental or nervous strain." Topaz means "unsettled." Jade to emerald is average and not under great stress. Turquoise is "emotionally charged." Lapis is "relaxed" and with "emotions flowing." Sapphire is the ultimate--"totally involved emotionally." "Passion or a feeling of being open, happy and satisfied," Draper said.

Actually, the heat sensitive liquid crystals will make the ring turn sapphire if you hold the ring under a light bulb for a fraction of a second or if you let the sun shine on it. As the heat flows out the ring will quickly change into other colors--all the way back to black if you thrust it into the freezer for a second or just let it cool.

The ring cannot measure moods, per se. It simply responds to body temperature changes.

In the flight of Apollo 17 back in 1972, liquid crystal tapes were used in experiments to study thermal gases and liquids in a near-zero gravity field.

The Sciences, publication of the New York Academy of Sciences, in 1973 reported on liquid crystals in a cover story. To demonstrate the ability to change

## Mood Stone (continued)

color in response to changes in temperature, the cover had pasted on it a patch of liquid crystals. "Touch Me," the cover said, and when one did, the color changed, depending on heat in the touch.

In 1968 an RCA research group developed liquid crystals that could be used for electronic display devices. RCA has since developed numeric displays that can be used in clocks and other digital readout devices.

Consumer products using liquid crystals include a digital room thermometer whose numerical settings are activated at particular temperatures and a baby bottle temperature indicator.

--from Avalanche Journal, submitted by Lois Ries and Emerson Tucker  
via The Rockytier, Lubbock Gem & Mineral Society, Lubbock, Texas,  
via The Agatizer, Florida Panhandle Gem & Mineral Society, Pensacola.

With advertising almost as nauseating as the "pet rock" bit being pushed for mood stones, it is interesting that the "liquid crystal" was developed for a purpose, and has a scientific explanation for the color changes!

## MAGNETIC DISTURBANCE

NASA scientists report that a United States satellite which has been in orbit for eleven years has found a massive magnetic disturbance in the earth along the African equator. It is suggestive of an area rich in heavy metals such as iron and uranium. The immense area is 125 miles by 430 miles and the ore body could be up to 20 miles deep. This is a discovery of major importance, so the space agency is considering orbiting a satellite for the purpose of charting the earth's magnetic field in hopes more such valuable information can be acquired.

The potential bonanza was discovered by accident when three geophysicists decided to see if there is a jet stream in the ionosphere above the equator. A big kink showed in their data every time they crossed over that part of Africa, so they decided to cross-check their findings. Confirmation came and then they flew magnetometers in aircraft over the region.

--AFMS Newsletter

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## THANK YOU LETTER RECEIVED

Walt Davis has received a letter from David Veith, Mining Engineer at the Twin Cities Mining Research Center, Twin Cities, Minnesota. This letter says in part:

Your first shipment of "Minerals of Michigan" arrived in excellent shape. It was particularly exciting for me to unpack them and observe the beauty of each mineral specimen, and they are all real beauties. Center personnel that have seen the collection agree it is the best we have received, and we look forward to receiving the remaining minerals to complete the display.

I am extremely grateful for your participation in this project, and I extend my sincere appreciation to your rock club for sacrificing many personal samples to be displayed in our Research Center.

How nice to be appreciated!

MARK YOUR CALENDAR

Feb. 12...Show Board Meeting, 7:30 p.m., 119 E. Syringa Drive, Lansing.  
Feb. 19...Regular Meeting, 7:30 p.m., Everett H. S. Cafeteria, Lansing.  
Feb. 22...Round Robin Field Trip: 1:00 p.m., Barber's, 3215 Karen, Lansing.  
2:30 p.m., Davis', 119 E. Syringa, Lansing.  
4:00 p.m., Whipple's, 6115 Marscot Drive, Lansing.  
March 4...Board Meeting, 7:30 p.m., Manley's, 700 Barry Road, Haslett.

SHOWS AND WORKSHOP

Feb. 29-April 4, Grand Rapids Mineral Society Show, Grand Rapids Public Museum.  
"A Rockhound's View of the Bicentennial". Theme displays wanted.  
March 13-14, Blossomland Gem and Mineral Society Show, Lakeshore High School Gym,  
Stevensville, Michigan. Displays wanted.  
April 3-4, MGAGS Educational Seminar, Washtenaw Community College, Ann Arbor.

OUR PUBLISHERS RETIRE!

With John's retirement from Michigan Bell effective this week, John and Wilma Hopkins have asked to be replaced as CML&MS publishers so that they can be free to come and go as they wish. Since Bill Arend persuaded them to take over the job back in 1968 they have ably and cheerfully gotten the NEWS out each month and performed many other services. They have succeeded in involving other club members in the process, to an extent the rest of us admire and envy. We respect their wish for a well-earned freedom, but we hope their freedom will not take them too far away too long. Thanks, John and Wilma, for eight years of loyalty in all circumstances! And thanks for being the warm, friendly folks you are!

ROCKHOUND NEWS  
Central Michigan Lapidary & Mineral Society  
14933 Brown Road  
Lansing, Michigan 48906



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