

# CENTRAL MICHIGAN ROCKHOUND NEWS



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"AFFILIATED WITH THE MIDWEST FEDERATION"  
MEETING PLACE: EAST LANSING'S NEW HIGH SCHOOL, ROOM A132  
THIRD THURSDAY OF EACH MONTH EXCEPT JULY & AUGUST  
DUES: \$2.00 ANNUALLY. STUDENTS UNDER 18 YRS. OF AGE, \$1.00 ANNUALLY

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## PRESIDENT'S MESSAGE

The month of October should be one that all good Rockhound members of Central Michigan Lapidary and Mineral Society will remember because of the activities we have had this month. I want to thank all of the members who have contributed their time, efforts & specimens to make this month's events interesting for all.

### "Annual Fall Auction"

The first Annual fall auction was a barrel of fun for all members and visitors. The members came in their field trip cloths which created an informal atmosphere. Then while the auction was in progress there were doughnuts and cider to sip on and a chance to get better acquainted with each other. Come to the next meeting and hear the results of the Auction.

### "Field Trip to Bellevue"

Those members who were able to attend found Calcite and Marcasite for their reward and a chance to get acquainted.

### "Exhibit at the Civic Center"

The Gem and Mineral display at the "Hobby & Craft" show was a shining example of rockhounds at work. Let us give a big thanks to Joe Krepps and his staff of helpfull club members for the fine job. A word of encouragement comes from the chairman of the Leisure time hobbies, Mrs. Angela Kennedy, of the Craft and Hobby Guild, she mentioned that she had received many fine complements on our club display.

Keep up the good work and I hope to see all the members at the next meeting which will be an interesting one.

### COME TO THE MEETING

Next Meeting; Thursday, November 21  
East Lansing High School  
7:30 P.M.

Program; Through a Meneralogist's Eyes;  
Primary instruction in mineral  
identification by Dr. H. B. Stonehouse.

We're lucky to have Dr. Stonehouse give us a talk on the introductory priciples of mineral identification. This is a talk we've all been waiting for. Dr. Stone house will bring as many specimens as he can to illustrate his talk and help us with our own problems of mineral identification.

Also Dr. Stonehouse says to bring along your unknown specimens and he'll help you to identify them.

"Floor the Expert!!" (If you can)

### NEW MEMBERS

New members in October were: David Ewert, William Hooker, Norman Hettinger Claude Martin, Janette North, Leon North, Mary Lou Roth, Grace Shappell Robert Steincamp.

## CLASSIFICATION OF ROCKS

By Nina Cottom

Rocks, which are an essential part of the crust of the earth, include loose material like sand and mud, as well as compact and solid masses like sandstone or granite.

Rocks are classified according to their mode of origin. There are three great groups of rocks: sedimentary, igneous, and metamorphic.

### Sedimentary Rocks

Rocks are constantly being altered in character by the various processes of nature. Those exposed on the surface are weathered to pieces. Rock and mineral matter which has been eroded and carried by wind, water, or ice becomes sediment.

The sedimentary rocks are made up of these grains or fragments of rocks, or of vegetable or animal deposits, which have been consolidated by pressure, or heat coming from the interior of the earth, or by water penetrating the earth's crust, carrying with it various minerals in solution. So long as the material has not been altered from what it was when it was originally laid down as loose sediment, the rock is termed sedimentary.

One characteristic of many sedimentary rocks is the rounded nature of fragments and particles which compose them. The sharp edges are usually worn off as they are carried along by water, wind, or ice.

In the oldest of the sedimentary rocks, one finds fossils, which are the remains or impressions of animals and plants. These occur in vast numbers.

One of the most common characteristics of sedimentary rocks is stratification. A profile will often show a collection of successive beds with the coarse material at the bottom and the fine at the top.

Samples of sedimentary rocks of inorganic origin are: sandstone, shale, breccia, and conglomerate. Samples of sedimentary rocks of organic origin are: most limestones, including chalk; peat, lignite, and coal. Some deposition (or precipitation) of mineral matter from solution. For instance, salt and gypsum are precipitated from salt lakes or other bodies of water where there has been excessive evaporation.

Next month, Igneous rocks.

### CALLING ALL JUNIOR MEMBERS

Now that we have a number of Junior members, it's about time we got the ball rolling and get started on a Junior Club.

Not much has been said on the subject but the opportunities are good and it should prove to be fun and educational for all those interested.

In reading the news letters from some of the other clubs I have found that many of them have junior clubs who go on field trips and have speakers in to show movies and slides etc.

We will need to have a Senior member for a supervisor and Larry Kirkby has agreed to preside over a meeting after the regular meeting on Nov. 21. So lets see all of the Junior Members present and get this show on the road.

#### REPORT ON THE HOBBY SHOW

Any member of our good society who failed to see our display of specimens at the Hobby and Craft show at the Civic Center Nov. 7, 8, 9, missed a fine show. We had two show cases and two tables loaded with specimens of rocks, minerals, crystals, fossils and rough and polished jewelry all topped by a large sign reading "CENTRAL MICHIGAN LAPIDARY AND MINERAL SOCIETY". We are sure that ours was the most popular and well attended booth at the show and that it attracted a lot of favorable attention. We have every hope that, as a result of this publicity we will get many more valued members into the club.

I was especially pleased with the cooperation of our members in bringing specimens for display and in offering to baby-sit with our display. Cliff Prevey and Ernest Kelford were most generous with their time, also Mr. and Mrs. Elmer Eckhardt, Mr. and Mrs. Howard Cotton, Percy Gibbs, Melvin Young, Norman Gettinger, Max Nusbaum and Mrs. Kreps who all helped me with this mostly pleasant "chore".

We want to extend our thanks to Mr. Kirkby and the Sears Roebuck company for their loan of the two glass show-cases that helped to make our display so attractive, and to Al Roth who lettered and painted our sign, to Jim Patterson for furnishing his truck and his time to move the showcases to and from the Civic Center, and again to Mr. Kirkby for making the framework and supports for the sign, and to Percy Gibbs and Cliff Prevy for Helping to set up the display.

Before the show I had had mimeographed 750 sheets, (500 would have been enough) containing information concerning our club and its activities, time of meetings, cost and qualifications for membership, etc, to hand out to interested persons. They were well received and a lot of enthusiasm and interest was shown concerning our club. Also before the show we sent a card to each member family requesting that they bring in specimens for display. The results were very gratifying as the results showed.

We had displays from six Junior members, David Ewert, Roger Kirkby, Rod Gasche, David Eckhart, Bonnie Eckhart and Mary Lou Roth. (I hope I didn't miss anyone), and from twenty-four senior members, Mr. & Mrs. Joe Kreps, Ernest Kelford, Mr. & Mrs. Howard Cotton, Mr. & Mrs. Clarence Kirkby, Larry Kirkby, Max Nusbaum, Mr. & Mrs. Melvin Young, Norman Hettinger, Mr. & Mrs. Elmer Eckhart, Mr. & Mrs. Fred Gasche, Jim Patterson, Mr. & Mrs. Langham, Mr. & Mrs. Percy Gibbs, Grace Shappell, Cliff Prevey, and W. J. Hooker. (again I hope I included everyone).

For a beginning club at its first show we think that this is a fine representation and that we had a fine show. Let's look forward to bigger and better shows to come.

Joe D. Kreps, Chairman.

#### LIBRARY NOTES

Jeanetta Sloan has the library all ready for us to use. Books have cards in the back and the magazines are beginning to come. The latest copy of The Lapidary Journal and Earth Science are already here--so sign yourself up for some interesting reading at the next meeting.