



CENTRAL MICHIGAN ROCKHOUND NEWS

VOL. II JANUARY 1958 NO. 1

"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

CO-EDITORS
 LARRY KIRKBY
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OFFICERS

- PRESIDENT - - - Joe Kreps, 2605 Delta River Drive - - - IV 5-6947
- VICE-PRESIDENT - - Leon North, 861 Grovenburg Rd., Holt - - OX 4-8367
- SECRETARY - - - Grace Shappell, 219 Bailey St., E.L. - - ED 2-3885
- TREASURER - - - Laura Kreps, 2605 Delta River Drive - - IV 5-6947

PRESIDENTS MESSAGE

I feel honored, indeed, to have been chosen as your president for the coming year. I will try to live up to the good example set by our retiring president, C. Kirkby, and to help you people to make this a good year, to make our meetings interesting and worth while and to keep up the best traditions of a good rockhound.

I feel that any member gets out of the club just as much as he puts into it and I hope that each of you will make a special effort to contribute to our activities and participate in whatever way you are able; by attending meetings; by offering suggestions; by sending in material for our monthly bulletin; (put it on your "must" list for at least one issue of the year) and by going on the field trips. Make an appraisal of your own talents and let us know what you can offer to make our club better.

Why not make it a point to visit other club members and to invite other club members to visit you in your home, and show off your specimens and share your experiences. Make it a point, each meeting, to meet and learn the name of, and become acquainted with one new member family (I need to do that too). Personally, I have great plans for collecting-trips this spring and summer, and plans are 1/5 of the fun of this club, the other 4/5ths are hunting and finding things, collecting, cutting and polishing, showing off specimens, sorting and re-examining your loot, meeting other rockhounds, and the satisfaction of having a nice specimen and of knowing something about it.

Mrs. Kreps, Joyce and I were most happy to have twenty of our members visit our home December 29th when we held open house for the club. This is a standing invitation to all of our members. We hope you will be able to visit us at a time more convenient to you.

I wish you all the best for the coming year and I hope that you enjoy our club as much as I know I am going to.

Sincerely,

Joe D. Kreps

POT LUCK!

POT LUCK!

POT LUCK!

1st annual meeting Thursday, Jan. 16 at 6:30 P.M.

Place - Walter French Junior High School, at the corner of Mt. Hope and Cedar.

Park in the parking lot south of the school off Cedar St. Enter through the south entrance and go to the Cafeteria.

Bring the family for an enjoyable evening. Coffee, sugar & cream will be furnished by the club. Each family should bring table service, one or two dishes to pass, their own buttered rolls, and milk for the children. Also bring a rock to place in front of your place to brag about.

Program of the evening will be pictures of the Field Trips during the past year and other pictures of gem hunting in the west.

CLASSIFICATION OF ROCKS
(Continued from last issue)

METAMORPHIC ROCKS .By Nina Cottom

Metamorphism means any change in mineral composition, structure, or texture of an igneous or a sedimentary rock whereby the original rock character is notably altered. Rocks are altered by the combined activities of heat, pressure and chemical action. Water on and in the earth can dissolve the original rock, after which it may crystallize in new mineral combinations. As metamorphism progresses, there is a general tendency toward an increase in grain size. Consequently, most metamorphic rocks consist of visible crystals.

The great bulk of metamorphic rocks are made up of relatively few common minerals. Among them are quartz, the feldspars, the micas, calcite, and dolomite.

The following shows the relation of the sedimentary and igneous rocks to their metamorphic equivalents:

<u>Loose</u>	<u>Consolidated</u>	<u>Metamorphic</u>
Gravel	Conglomerate	Gneiss
Sand (quartz)	Sandstone	Quartzite
Mud (sand & clay)	Shale	Schist
Clay	Shale	Slate
Marl	Limestone	Marble
Peat	Bituminous coal	Anthracite to graphite.

OPEN HOUSES

Mr. and Mrs. Joe Kreps held an open house during the Holidays, Dec. 29, for the members of our club. They displayed their beautiful specimens in their front windows. More specimens and their rock grinding and tumbling equipment were displayed in their workshop.

Mr. and Mrs. Clarence Kirkby and Sons held open house Sunday, Jan. 5 at 2:00 P.M. Jewelry, rocks and equipment were displayed in Roger's new workshop.

Mr. and Mrs. Leon North also held open house Sunday, Jan. 5. Their many beautiful rocks were displayed throughout their home.

I am sure that everyone who attended the three open houses enjoyed the displays, hospitality and refreshments which were served.

Kalamazoo Geological and Mineral Society Started

We've received a fine bulletin from a new club - the Kalamazoo Geological and Mineral Society. Temporary officers during a six month organization period are; President, Mr. Woolf; Vice-President, Mr. Houts; Treasurer, Mr. Castle; Recording Secretary, Mrs. White.

A beginner's education program on collection and identification of specimens is being set up now. An emblem has been designed by one of the members and the group is considering having shoulder patches. Meetings are held monthly - on the first Monday - at 7:30 P.M. in Upton Hall, Kalamazoo College.
Congratulations to the new organization.