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MEETING of the ISHPERING ROCK & MINERAL CLUB

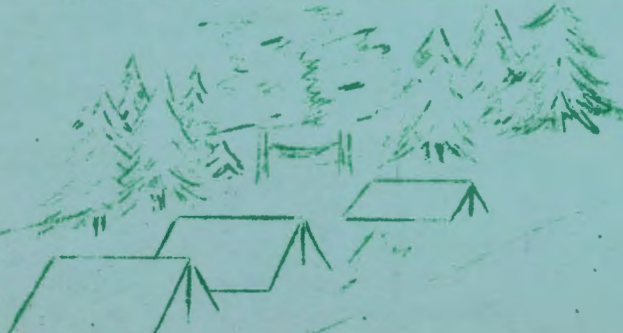
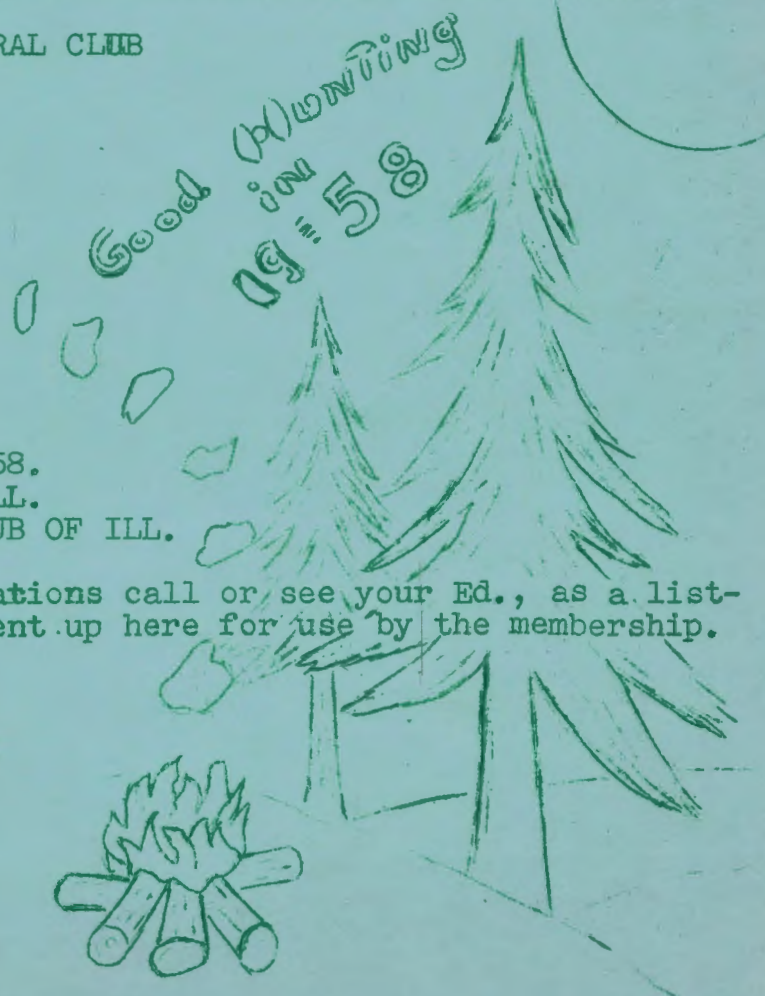
DATE-----MAY 3, 1958
PLACE-----SKI HALL OF FAME
TIME-----7:30 P.M.
BUSINESS---ELECTION OF OFFICERS
FIELD TRIP PLANNING

INTERESTING THINGS TO COME:

AMERICAN FEDERATION CONVENTION
DATE----MAY 1-4, 1958
PLACE---DALLAS, TEXAS

MIDWEST FEDERATION CONVENTION
DATE-----JUNE 19,20,21,1958.
PLACE-----DOWNERS GROVE, ILL.
SPONSOR---EARTH SCIENCE CLUB OF ILL.

For hotel and motel reservations call or see your Ed., as a list-
ing of such accomodations has been sent up here for use by the membership.



Club Members Give TV Show On 4-H Rock And Mineral Project

by Ruth Kivela

Miss Ruth Jarvi, president of the Ishpeming Jaspilite Jewelers 4-H Club and Mr. Jarl Kivela, local 4-H club leader from Eagle Mills and president of the Marquette County 4-H Council, performed a TV show, March 4th, concerning the 4-H Rock and Mineral project. This presentation by the Mich. State University Extension Center was on the Close-up program, with Mr. Jack Ferver, U.P. District Supervisor for 4-H activities, as moderator.

Mr. Kivela listed five reasons, as to why this project can be of value to our young people.

First, that rocks and minerals are important, as all living things are dependent upon the rocks and minerals either directly or indirectly.

Secondly, the educational aspects of the project better acquaints one with the earth sciences and should one wish to further their education in one of the many fields of science, a knowledge of the rocks and minerals will prove to be a valuable asset.

Next, the rock and mineral project is fascinating from the standpoint of the beautiful specimens that can be found with their splendid array of colors and formations; and of course, the search for these rocks and minerals takes one into our great out-of-doors, enjoying the wholesome air, and what can be more healthful than the pleasures experienced on field trips.

Fourth, a profit can be realized from the rocks and minerals, either by selling or trading surplus materials. Also, by making jewelry from the semi-precious gem stones with the use of lapidary equipment.

A very important fifth point was appreciation for our scenic Upper Peninsula and how it was formed; along with the abundance of wealth the rocks and minerals have contributed to our high standard of living. There

can be no doubt that this project develops appreciation.

Mr. Kivela stated that these are but a few of the many reasons which make this project interesting and beneficial to our boys and girls engaged in 4-H club work.

Miss Jarvi, in relating her clubs activities from the time of organization until the present, told about the number of specimens they were required to collect and identify; the methods of collecting specimens and the equipment needed; also, the learning of safety precautions and use of safety equipment, glasses, first-aid kits etc.; going on field trips and visiting private collections where they were presented with various mineral samples.

This year, she explained, their club was going to make a study of the rocks and minerals suitable for cutting and polishing; the different types of machinery used in making jewelry; the grades of grit and kinds of polish used to finish a stone. Upon completion of the project, they will have sawed, ground, sanded and polished a gemstone of their own.

Miss Jarvi also expressed her appreciation to Mr. & Mrs. Robert Markert and members of the Ishpeming Rock and Mineral Club for their splendid cooperation in making their first year of 4-H club work a success.

Twenty-one minerals native to the Upper Peninsula were on display, and were explained as to their name and locality, by Miss Jarvi and Mr. Kivela. The camera was able to get some excellent close-ups of the minerals which made interesting viewing for the TV audience. A few of the minerals on display were Copper, needle ore, selenite crystals,

agates, Pre-Cambrian coal and Michigan garnets.

Mr. Kivela, in telling about equipment needed for mineral collecting, emphasized the importance of safety glasses and a first-aid kit. Rock hammers, magnets, magnifying glasses, and streak plates were also mentioned as important in mineral collecting. Books, which are helpful in mineral identification, were shown and told where they may be obtained.

A rock and mineral quiz board, made by members of the Eagle Mills 4-H Rock and Mineral Club, was described as being very helpful in club work for testing visual identification of rocks and minerals. Miss Jarvi demonstrated to the viewing audience how the quiz board operates.

In closing, Mr. Ferwer voiced his appreciation for a most unusual and highly entertaining program. Adding that he, himself, can now more readily understand, how important and interesting the rocks and minerals are.

Miss Jarvi and Mr. Kivela, both members of the Ishpeming Rock & Mineral Club, were guests of Mr. Ferwer at a Kiwanis luncheon on March 10th at which time they presented to Kiwanis members, the same, but a somewhat longer program.

HOW TO MAKE PETRIFIED WOOD from "THE ORANGE GULCH GAZETTE"

Take a tree (size depends on how big a pot you got), cover with water---stir it around a mite 'til it's saturated and sinks to the bottom (say about 600 to 800 years). Add a smidgeon of silica, about that much manganese, and a pinch of iron for a purty color. Now drop on top of it a few layers of assorted sediments--anything handy layin' around the place--about 3,000 feet of junk. Let it set for 2 to 5 million years--take your time--the longer the better. Now drain off the water and set it out in the sun. Now take a few fair sized cyclones, turn 'em' all on full force at once.

Repeat this stunt 'til the sediments is all blowed off.

The results will be as purty a piece of gem material as ever a body seen.

IN MEMORIAM

Godfrey Samuelson, 65, a member of the Ishpeming Rock & Mineral Club and his wife Rose 49, died an hour apart, Godfrey in St. Joseph's Medical Center in Hancock and Rose one hour later at home in Houghton, Mich.

The Ishpeming Rock & Mineral Club has lost two very wonderful friends with the parting of the Samuelsons. Mr. Samuelson was born in Ishpeming and was a veteran of World War I, during which he served with the 34th Infantry. He later was employed by the Copper Range Mining Co. and for the past 10 years operated an agate shop at 200 Franklin Square, Houghton. It was here where most of the Copper Country Field Trips both started and ended for the Ishpeming Rock & Mineral Club members. Many times Godfrey would accompany the group as guide. Each time that we visit the stockpiles that Godfrey led us to in the past, fond memories shall fill our minds, and our guide will be back again even though it be for a few moments. Many of the junior members will remember the wonderful bargains that Rose and Godfrey gave them from their own stockpiles of minerals.

Mrs. Samuelson was born in Winona and later moved to Painsdale, where Mr. Samuelson was employed. While Mr. Samuelson sold minerals and jewelry at the Agate Shop, Mrs. Samuelson sold her beautiful needle work.

Surviving the Samuelsons are two sons, Godfrey Jr. and Edward at home; two daughters, Mrs. Edward Maki and Mrs. Lowell Kolehmainen, both of Detroit. The deepest sympathy is being extended the family of Rose and Godfrey.

U.P. HOME INDUSTRIES STORE

A new venture for the U.P. home demonstration council is a home industries store to be operated during July and August; part of the busy tourist season. This store is located on the main highway near L'Anne. It was selected as the site because of the hand-hammered copper bowls made by a local craft group.

Tourists are souvenir collectors. Craft articles or other items native to and typical of this area, would be mementos which would bring back happy times, associated with the tourists travels in our beautiful peninsula.

This store provides you with the opportunity of showing your hobby projects to the traveling public and to sell them. The article offered for sale should be of high quality - things which will bring recognition and pride to your area. There is no limit to the kinds of things you may try to sell, but, doing something with driftwood, our wealth of various rocks and minerals, our pine and other woods, painting our beautiful lakes and woods, preserving wild fruit native to the U.P. would be in keeping with this area.

The home demonstration council in Marquette County will have a committee to check in your articles for sale and to bring them to the store. You will need to have a price on each item and have proper boxes or wrappings for each item. The council invites you to make use of this store.

For further information call the council chairman, Mrs. Edwin Hutchens, Marquette--CA 6-9358, or your home demonstration agent in Marquette, CA 6-6331

PAINT ROCK

"Duluth News"

There Is a Place Waiting In The Hall Of
Fame For Person Who Can Figure Out This

There is a place in Iron ore mining's Hall of Fame for the man who can figure out what to do with paint rock.

Paint rock is a slaty material that interlards the iron ore formations of the Mesabi Range, and it is fairly rich in iron content. The problem is how to extract the iron.

Now that taconite has been conquered and low-grade hematite is on the verge of becoming a commercial product, paint rock becomes the last material on the range that resists the effort of man to extract its iron. Because of its peculiar composition, it cannot be successfully processed by any known method.

Paint rock represents roughly 10% of the total iron ore formation on the Mesabi. Its iron content averages something like 30%. or roughly, the

equivalent of taconite. On occasion, bits of paint rock have been mixed with high grade ore and sent to the blast furnace, where the iron content is melted out. Mostly, however, the paint rock, which is found in layers up to 30' thick, is dug out and piled in ore dumps for possible processing at some distant date.

Principal handicap of the paint rock is that it is a gummy, non-soluble substance. It can't be screened, like other low-grade ores. It gums up the screens, and it can't be crushed, and it will not dissolve in water.

Until someone comes up with the solution, paint rock will pile up on the dumps on the Mesabi Range.

The I.R.&M. club held an Auction at their Feb. 5th meeting, which was held at the Public Library in Ish. Pres. Richards read some Midwest Fed. Bulletins and correspondence, one of which was related to the Paleontology Division.

Bernie Dooley gave a short report on the Midwest Field trip Convention and he told the members that a request had been made to our club to take the 1960 Fieldtrip Convention. The club unanimously agreed that Dooley and Markert act as delegates to the Midwest Convention and one of the duties of these men would be to extend the invitation for the 1960 Fieldtrip Convention.

Word was then passed on to the members of the death of Røse and Godfrey Samuelson. The club voted to send flowers to the Samuelsons.

A letter from Fred Balz was read asking the club to consider "Incorporation". The delegates were instructed to find out more about this matter at the Convention.

Announcement was made that the next meeting will deal with the election of Officers.

The meeting closed with each member auctioning his or her own contribution. The club treasury was enriched by at least \$30.00.

CONGRATULATIONS!,
AXEL NIEMI, on
your recent exciting agate find at Grand Marais. Axel's agate weighs 5½ pounds and is an Almond-shaped, translucent stone, measuring about 8" at its greatest length and about 4" in thickness. We'll be anxious to see yours one AXEL.



LAP. NOTES

"The VOICE"- of the El Paso Rockhounds from Texas had timely info. for us. We are thinking of mounting our small agates in plaster to slab, and they warn us about adding too much water to the plaster, making it too thin. "Too much water weakens the material, when it has set it will not hold the stones properly, with the possibility of damage to the diamond saw."

J.LESTER CUNNINGHAM from the Chicago Lapidary Club has a very detailed explanation on "DOPPING AND UNDOPPING" in the Feb. 1958 "TEMPLATE".

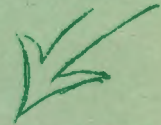
The "AUBURN GEM NEWS" via "THE TEMPLATE" tells us to add a little Graphite to chrome oxide and apply to ordinary muslin buff, makes a wonderful jade polishing agent and is fine on some hard-to polish agate.

In the "ROCK AND GEM CLUB NEWS" from Flint, Mich. is a good article on the "Care and use of Diamond Saw Blades".

The "MICHIGAN LAPIDARY SOCIETY" has an article in one of it's issues entitled, "SO YOU WANT TO CARVE AN ONYX CAT", which makes it sound very simple, indeed.

There is oodles and oodles of good fascinatin' readin' in all these scores of bulletins from other clubs. Why don't you take home an armful and read about the other clubs, what they are doing, where they are going, and when they are coming. They are all very interesting.

HAVE YOU PAID YOUR DUES,
THEN BUD WONT SING THE BLUES.





Member LEN TREBILCOCK has been confined to the hospital recently, but latest reports tell us that he is now on the mend at home.

Members MRS. A.B. ROBERTS and BERNIE RICHARDS attended the National Show at Phoenix, Ariz. this past winter. We are awaiting your report for the Jaspilite, Mrs. Roberts.

This Jaspilite is being assembled to a busy tune being played on a new diamond slabbing saw, made for your editor by Carl Superko of Ishpeming.

So it's "HONEY DO" week now and then in this mining country. Looks like the stockpiles are going to really get a going over this summer, and wives are going to have to run pretty fast in order to enforce that "honey please do this or that". For the unfamiliar, the Iron ore mines in this district are going on a three weeks of work and one week of idleness. It didn't take the miners long to apply the above name to their week of "R*E*S*T".

The Michigan Mineral Society has finally been successful in their efforts to visit Detroit's Salt Mine. On March 17th about 80 members were fortunate enough to go underground 1140 feet to collect, photograph and view the mining methods employed there. For more on this read the April issue of "The Conglomerate".

Miss JUDY LEMIN, jr. member of our club was hospitalized recently and it is our hopes that all is well with you again, Judy.

BOB SCHENK has been working the stones all winter so his stockpile of excellent material must be pretty well filled up. Stop at the AGATE SHOP and pick up what you need.

 * POEMS MADE TO ORDER.
 * call PROFESSOR BAMFORD

CHARLES & IRENE KREBS were visitors in Ishpeming recently, having driven the Markerts home from Rockwood, Mich. Ye editors are very grateful for such kindness in time of need.

CHAMP LEMIN and BUD BAMFORD provided a program on minerals for the 5th grade in the Champion School. Next, they were invited to go to Michigamme to do the same. You fellows have started something, now it's back to school for you.

The "JASPILITE JEWELERS" are going at their cutting and polishing with great strides. They are out to give the adult members plenty of competition.

ROCKIN' AROUND cont.

Member CHARLES HAWES is still on the sick list. Hurry and get real well Charles. We miss you at our meetings.

For those planning on attending the MIDWEST FEDERATION CONVENTION at Downers Grove, Ill. the dates are June 19,20,21. This trip will be a real "CLIMAX" to a year of collecting and you will come away better educated, and with a greater appreciation for the value of the minerals in your own collection.

Our many thanks to FLOYD and HELEN MORTENSON, BOB and LYDIA PAPE, LIL and JOHN MIHELICIC, GRACE and TOLSON RADLOFF and CHARLES BELANGER for making us feel at home while being confined in the hospital in Trenton, and at Rockwood, Mich. These are truly wonderful friends. Our many thanks to all who sent cards and best wishes.

When traveling through Oscoda, Mich. plan on visiting GILMORE'S GIFTHOUSE OF DISTINCTION where many nice tumbled stones can be purchased.

The ROPES GOLD MINE has been sold to Edmund Thomas and Joe Paul of Ish., who plan on exploiting the property as a tourist attraction. So far none of the plans have been disclosed to the public. The Ropes property was previously owned by Calumet and Hecla Mining Co. and is reported to embrace an estimated 4 million tons of GOLD-bearing ore averaging \$6.00 a ton

The Chicago Lapidary Club has arranged for 6 cases for their display at the Midwest Convention. That is what is called PARTICIPATION!

MRS. ABBIE ROBERTS and MRS. LYDIA TREBILCOCK displayed portions of their hobbies at the Hobby Lobby show in Marquette recently. This show was worthwhile seeing and Rocks and Minerals should command more space than was done this year. Your display of Rocks & Minerals was very nice Mrs. Roberts as was your display in Ceramics and Copper Enameling, Mrs. Trebilcock.

A Mr. Russell had some very exquisite Lap. work on display. Mr. Russell, we've got a Rock & Mineral Club in your neighborhood.

FROM THE EDITORS DESK

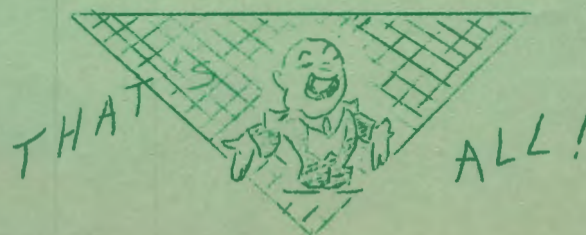


If this Jaspilite doesn't measure up to your expectations, maybe it is because YOU haven't sent in an article.

BULLETIN BOARD

"Program # 193-THE LAPIDARY" will be shown by Mich. Conservation Dept. over Marquette WDMJ-TV on Saturday May 17 at 6:15 P.M.

Some of you members may remember a meeting at ye editors home when a Mrs. Kramer and family from Midland, Mich. attended, well Irene Krebs (our roving reporter) sent up a notice of a meeting of the Tri-County Rock & Mineral So. at which time Mrs. Kramer lectured on Rocks and Minerals of Michigan and their locations. Sounds interesting.



Charles R. Markert
107 W. Ridge St.
ISHPEMING, MICH



Mr. R. H. Richards

~~522~~
205 E. Case St.

Requenee

Mich.