

MAR. 1963

THE



ROCK and MINERAL CLUB

J A S P I L I T E

Affiliated with the Midwest Federation
of Mineralogical and Geological Societies

CLASS

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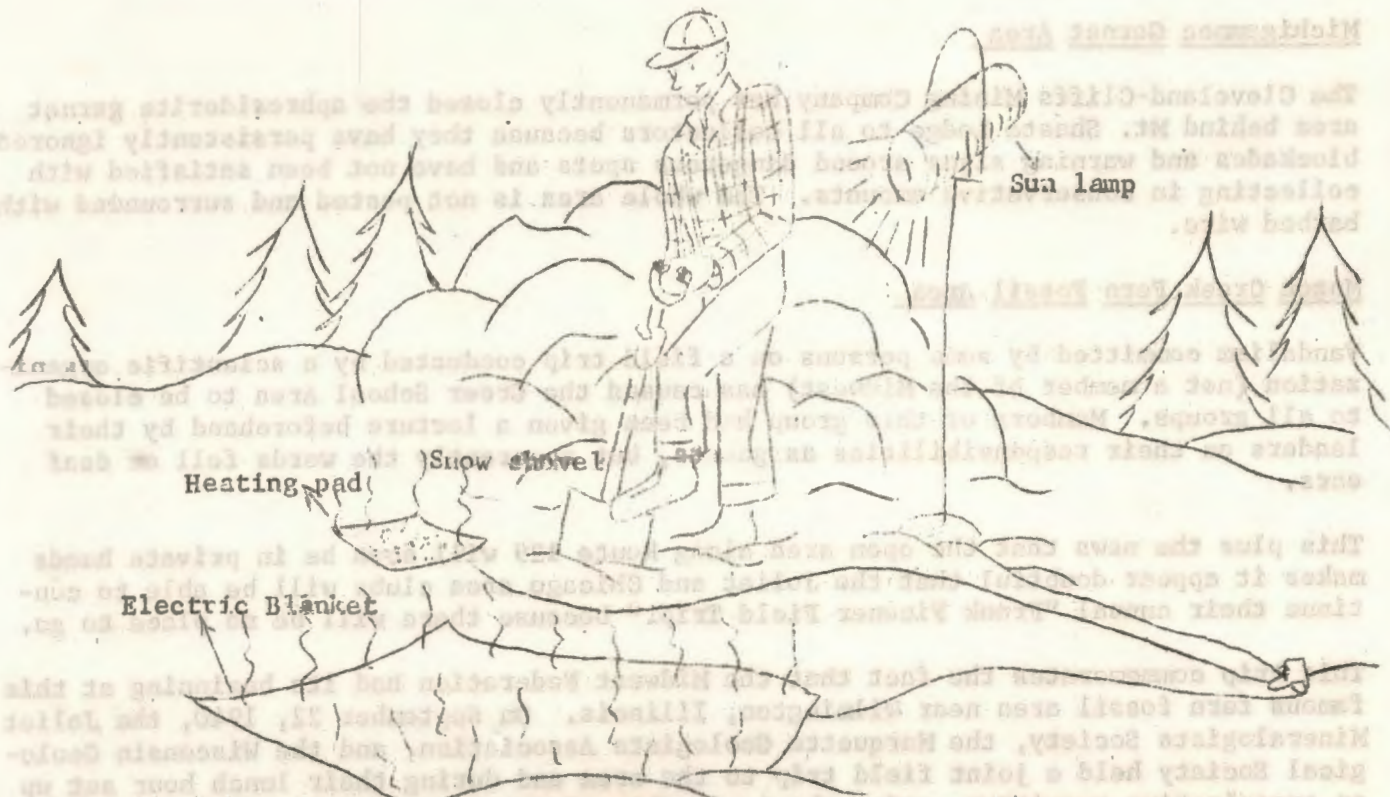
Glenn Gregg

Michigan State Parks and Adjacent Collec-
tion Areas

Albert Murray
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Lariday
Minutes
Biographies

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Spring is coming--but not fast enough for this rockhound at work in his favorite diggings. Wonder who he is?

A LETTER FROM THE PRESIDENT OF THE MIDWEST FEDERATION

FAMOUS COLLECTING AREAS CLOSED

Within the last three months irresponsible collectors have caused the closing of three of the best collecting areas in the Midwest and possibly a fourth one in Oklahoma. Societies in these areas whose conducted field trips have been models of good behavior, are making every effort possible to have them opened.

The affected areas are the Grand Marais Thompsonite locale in Minnesota, the Michigamme Garnet site in Northern Michigan, the Mason Creek Fern Fossil Beds in Illinois, and the Selenite Crystal diggings on the Great Salt Plains of Oklahoma.

Grand Marais Thompsonite Area

The Minnesota State Highway Department has posted the entire area along highway 61 against collecting. It was forced to do this because last year so many cars were parked along the road and on the curve that they became a hazard and besides the "gophering" got so bad that big holes were left. Collecting is also banned in the Cascade State Park.

In addition to the state ban on collecting in this area, the Ogema Land and Mineral Company of Grand Marais claims the mineral rights under all of the thompsonite properties, including the highway right of way.

The Minnesota Mineral Club has suggested to the Commissioner of Conservation that since fish and game are taken in State Parks under supervision, that perhaps gems could also be collected under supervision. He has replied that it would require legislative action to change state park rules. The society plans to work on this and Mrs. Jean Dahlberg, President of MMC, recommends that this be a pilot project for all clubs to get behind in order to prevent closing of other areas by state and national parks.

Michigamme Garnet Area

The Cleveland-Cliffs Mining Company has permanently closed the aphrosiderite garnet area behind Mt. Shasta Lodge to all collectors because they have persistently ignored blockades and warning signs around dangerous spots and have not been satisfied with collecting in conservative amounts. The whole area is not posted and surrounded with barbed wire.

Mazon Creek Fern Fossil Area

Vandalism committed by some persons on a field trip conducted by a scientific organization (not a member of the Midwest) has caused the Greer School Area to be closed to all groups. Members of this group had been given a lecture beforehand by their leaders on their responsibilities as guests, but apparently the words fell on deaf ears.

This plus the news that the open area along Route 129 will soon be in private hands makes it appear doubtful that the Joliet and Chicago area clubs will be able to continue their annual "Frank Fieener Field Trip." because there will be no place to go.

This trip commemorates the fact that the Midwest Federation had its beginning at this famous fern fossil area near Wilmington, Illinois. On September 22, 1940, the Joliet Mineralogists Society, the Marquette Geologists Association, and the Wisconsin Geological Society held a joint field trip to the area and during their lunch hour set up an organization committee, under the leadership of Dr. Ben Hur Wilson, to organize a permanent federation of societies of the Midwest.

OKLAHOMA SELENITE AREA

Three men were apprehended last October shooting rare hawks, on which there is no open season, and collecting selenite crystals with a truck in commercial quantities on the Wild Life Refuge on Oklahomas Great Salt Plains. They had obtained a permit for collecting the crystals under false pretense by stating they were not dealers when in fact two of them are dealers. The permit plainly states "no collecting for commercial purposes, no dealers, and collecting only in conservative amounts"

The manager of the Wild Life Refuge has written to Paul Stingley, who has led the Kansas City groups on many trips to this area, requesting the names of all dealers in the Kansas City area so that they may be excluded from all field trips to the flats. This is regrettable because the dealers who have joined the clubs on their regularly scheduled trips have always obeyed all regulations and went with them for the pure joy of an outing with their friends with no thought of monetary gain,

He has informed Mr. Stingley that for the present this area remains open to the Kansas City clubs because of their exemplary behavior on past field trips. They obeyed all regulations, collected only in conservative amounts, always refilled every hole they dug, and cleaned up all litter including that left by other groups.

This is also true of other rock clubs of the Midwest Federation and Rocky Mountain Federation who conduct field trips to the flats. How long can the good conduct of these groups keep the area open for collecting if individuals continue to break the rules?

WHAT CAN BE DONE TO PREVENT FURTHER CLOSINGS OF COLLECTING AREAS?

Walter McCartney has accepted the difficult assignment of Chairman of the Midwest Federation's Conservation of Collecting Areas Committee. The purpose of this committee is to try to find out what the Midwest Federation as a group and its members as individuals can take to prevent the further closing of collecting areas.

Please give him all the help you can by letting him know what your society is doing toward this end. If your society has a field trip code and/or carries liability insurance, please send him copies of the papers. Send him any information that you think might be helpful. His address is:

Mr. Walter McCartney
4057 Donnely Road
Jackson, Michigan

Societies and persons outside the Midwest Federation are also invited to send him their suggestions, for this is a principle that is common to all Federations and if a solution is found it will be shared all through the American Federation.

Bernice L. F. in, President
Midwest Federation of
Mineralogical and Geological
Societies

Midwest Federation's "LETTER-A-MONTH"
Published Monthly Except July and August
by The Midwest Federation As A Service to
its Member Societies
Editor: Haydon Peberson, Rte 5-Box 229
Des Moines, Iowa

ISSUE NO. 31 - JANUARY 1963

THE MIDWEST MINERAL EXCHANGE - By R. K. Lampe

Rocks are for sharing. The rockhound dashes out on field trips and picks up many, many treasures. These may look like common rocks to some, but rock collectors fill up sack after sack and haul the stuff home. Then comes the agony of indecision as to what specimens to keep because even the biggest home won't hold them all. The very best are "keepers" but those others look too good to throw away. That's where sharing come in; swap your duplicates with other collectors and you'll be ahead.

How will you know with whom to swap, and does he have what you would like and would he accept what you offer? Those are the questions answered by the Mid West Mineral Exchange, sponsored by the Midwest Federation. The Mid West Mineral Exchange issues a bulletin every other month, listing would-be swappers, their offerings and their wants. This Exchange is open to any individual member of the Midwest Federation for a contribution of only a dollar a year.

Few of these swappers are professionals and only a few are advanced collectors. They are farmers and school-teachers and housewives; some like fossils and others want minerals, and some want cutting material and others seek Indian artifacts. More than anything they want to make rockhound friends.

How do you know you won't be gypped swapping by mail with some one you have never met? How can you lose when you probably picked up the rocks from some gravelpit or quarry for nothing? True, you may be reluctant to part with some but this way you gain new treasures. Each incoming package is a surprise; a treasure-chest of minerals and crystals from far-away hills, fossils from ancient seas to add to your lore, or perhaps an arrowhead which may have shot an eagle. You swap with many other collectors and make many new friends. How can you lose?

The published and associate editor of the Mineral Exchange is Mrs. Cecilia E. Duluk, 6700 Amboy, Dearborn 6, Michigan. The editor (and chairman of the Exchange Committee) is R. K. Lampe, 1175 Glen Oak Street, Dubuque, Iowa. Either will be glad to send you an application blank, and there's a warm group of rock-swappers to share with you. It's fun!

MIDWEST FEDERATION CLUB AND EDITOR WINS A FIRST PRIZE

Perhaps many of you are not aware that First Prize of \$25.00 to the club and the clubs bulletin editor in the "Know Your Federation" contest sponsored by The American Federation was won by The Nebraska Mineral and Gem Club of Omaha, Nebraska thru the efforts of that clubs bulletin editor, Mrs. Celia Vokoun. She edits the "Rear Trunk". Both the club and the editor received \$25.00 awards. Celia is also Membership Chairman for the Midwest.

AN URGENT CALL FOR LETTERS

We need your copies and items for our monthly "Letters" and although we understand some copy is on the way for some of our future issues we will be needing much more in the coming months. Please help out by sending in something!

MIDWEST FEDERATION'S "LETTER-A-MONTH"
Published Monthly Except July and August
By The Midwest Federation As A Service to
its Member Societies
Editor: Haydore Peterson, Rte 5-Box 229,
Des Moines, Iowa

ISSUE NO. 32 - FEBRUARY 1963

A PROPOSAL By Ben Moulton, Department of Science
Indiana State College, Terre Haute, Ind.

A short time ago the writer sent a proposal to Bernice Rexin, our President, concerning the possibility of developing for club use a series of Kodachrome slides on various aspects of mineralogy. The slides would be divided into seven sets of about 35-60 slides each as listed at the close of this letter. The slides could be used for club programs but could also be used for information and instructional purposes for small club groups. This second use might be the principal use of most of the series.

The source of the slides would be from club members who would loan to the Midwest Federation the slides. If they were selected they would be duplicated and the original returned to the owner. In use, the authorship of each slide would be acknowledged. A guide book for each series would be prepared.

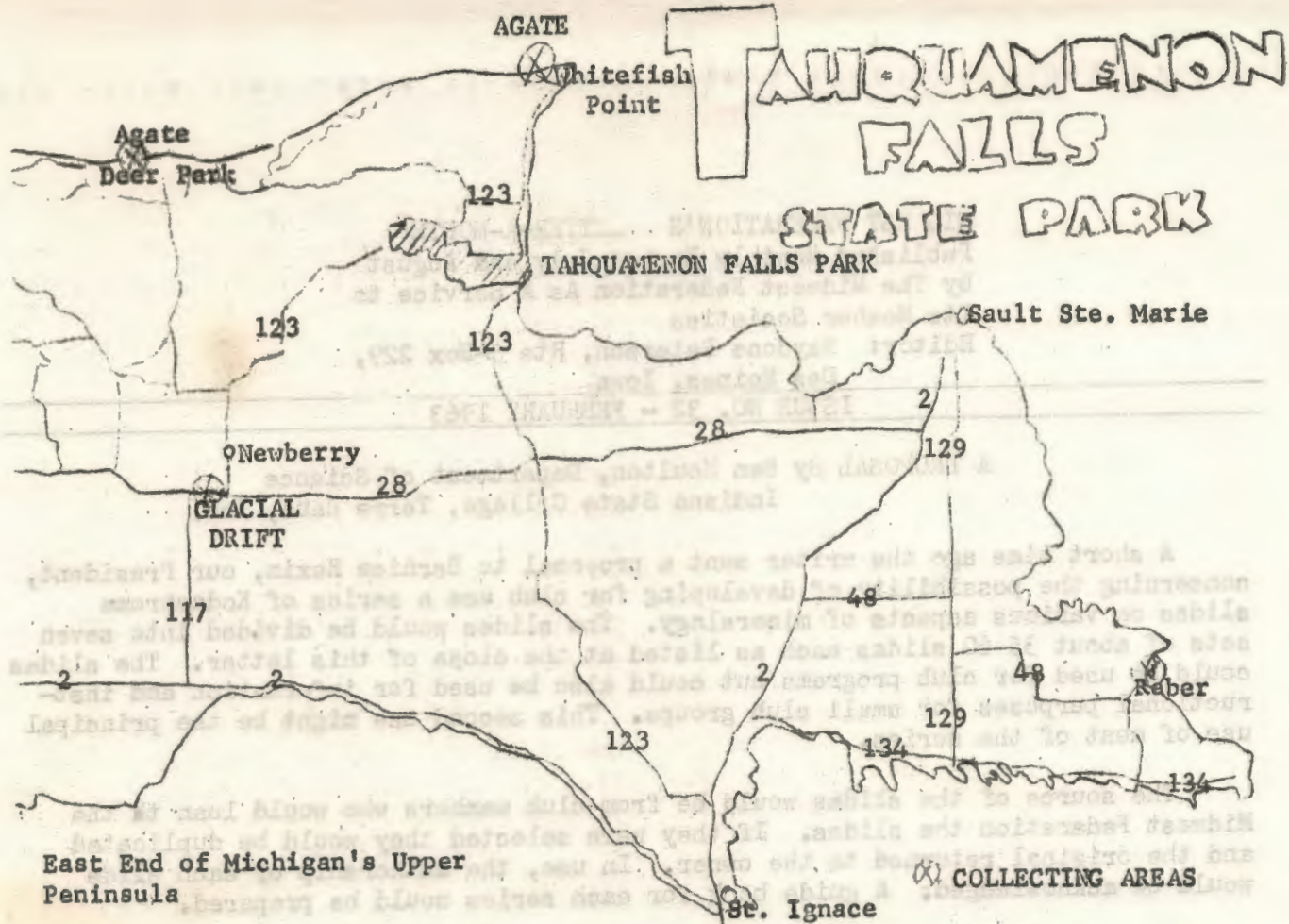
The slides would represent material and items from the Midwest where the remoteness to the individual would not be so great.

So many clubs seem to have one or more members that combine rock and minerals with photography. To put their results together would seem well worth while. If there are such that have slides and features listed, I hope each willing to loan slides or even one slide would write me first so that I can give them further details on how we will handle the slides here to insure their safety.

The proposed list of films or slides is;

- A. Properties of Minerals for example slides showing: Color (fluorite, tourmaline) luster, cleavage, crystal shape (good garnets) etc.
- B. Metallic Minerals; galena, sphalerite, copper, pyrite etc.
- C. Non-Metallic Minerals: gypsum, halite, mica etc.
- D. Mineral Families: As many pictures of different kinds of quartz and calcite as available.
- E. Minerals for the Lapidary: Pictures of slabs of rock of various types.
- F. Mineral Site Types in Midwest: Pictures of quarries and especially minerals in position in quarry. Quarry should be identified and located.
- G. Techniques of collecting, clean-cleaning, labelling and display, Slides illustrating this might show some pictures of good collections.

Please mail your reply to address at the beginning of this news letter.



East End of Michigan's Upper Peninsula

(X) COLLECTING AREAS

TREES Scattered virgin pine and hemlock, cedar, spruce, balsam, white and yellow birch, beech, maple, ash, basswood and others.

WILDLIFE Deer, bear, wolf, coyote, bobcat, beaver, mink, muskrat, rabbits, fox, grouse, spruce hen, ducks, geese, eagles, and many others.

TWO CAMP GROUNDS For tents, trailers with water, stoves, tables and toilets, electricity.

RECREATION History, geology, nature study, hiking, canoeing, camping, fishing, photography, painting, exploring, unsurpassed scenery, rock and mineral collecting.

DESCRIPTIVE Longfellow in his poem "Hiawatha" writes about the Tahquamenon, Marsh of the Blueberries. "By the rushing Tahquamenaw" young Hiawatha built his canoe and it was Kwasind, the strong one, friend of Hiawatha, cleared the river of debris. And it is this river that has played a great part in the history of the area through which it flows. In lumbering days, dams were built and great log drives took place. Today large boats are used on its placid stretches. It feeds the largest waterfall east of the Mississippi, excepting mighty Niagara. It offers good fishing and splendid canoeing, it flows through deep swamps and between high hills, it has furnished and continues to furnish fur-bearing animals, and as through countless centuries, the Tahquamenon continues to carry its golden waters to Lake Superior.

COLLECTING Interested? Now read the article on the next page about the rocks in this beautiful area!

TAHQUAMENON AREA

by Glenn Gregg

The word "Tahquamenon" is Indian in origin and means "marsh of the blueberries" for the Tahquamenon gathers its amber colored waters in the blueberry country along its serpentine course.

The river must have been a favorite route of travel for the Indians as it could provide not only easy canoeing water, but an abundance of fish, wild game, and edible plants and berries. Good fishing is still found along its full length. Game populates its uplands. It is still one of the best blueberry-growing areas in Michigan's Upper Peninsula.

Much of the river flows through a wilderness area reached only by boat. The bald eagle still nests in its towering pines. The beaver and otter use it as their home. It is one of the last areas where the timber wolf still roams free and nearly unmolested.

Hunters and fishermen who wish solitude and remoteness use its waters to reach secluded cabins and camping places. There are very few places where roads touch its banks or cross its flow. It remains a challenge to the canoeist--not as a fast dangerous stream, but as a sedate, gentle and charming river.

In its journey to Lake Superior, one finds only two rapids and falls which need portaging. These are the Upper and Lower Falls within the State Park. Both of these places can be reached by car over good blacktop highways, and make fine places for taking out of boats and canoes or putting them afloat. To enjoy the Upper reaches of the river, put in at Mc-Millan or Newberry. To float the last 20 miles, put in at the Lower Falls.

The Tahquamenon Falls Area provides many other interesting places. For fossils in the old limestone beds, try Raber along the lower St. Mary's River. Although about 100 miles from Tahquamenon, we don't consider this any great distance in our Upper Peninsula.

At Raber, the corals and lime-secreting

shellfish of the Paleozoic Period are found in great abundance and are known as the Raber fossil beds. Collectors should realize that whatever is removed will never be replaced. There are other fossil collecting areas, but very few with the concentrations found here.

These are the Silurian Fossils which are found in the outcrops of the Niagarian limestones and dolomites. Chain corals cup-corals, brachiopods, organ pipe coral, and honeycomb corals are dominant. They are found here in their natural state--further south they are found in the glacial drift.

Enough for the fossils of the area. How about the agates and tumbling stones from the Lake Superior beaches? Would you like to walk for miles along beaches without a cottage, a road or another person? Would you like to comb a grand wave row which has not been searched before? Then let's visit the miles of beaches from Whitefish Point to Crisp Point on Lake Superior.

From the north come the waves turning over the sorted and graded rocks of long beaches. Among these rocks are agates brought by glaciers from the lava flows on the other side of the big lake. It is said that early morning or later afternoon is the time to hunt agates--'tis my belief that any time of the day is the time to be out. The pounding of the surf, the wheeling of the sea gull, and the teetering of the sand piper add much to the enjoyment of hunting the rare and beautiful stones.

Should you be told more? Would it add one bit to the enjoyment? The thrill is in the doing--come hunt where few have looked before, because this will not be the case for long.

----- HOW TO BECOME A ROCKHOUND...

Buy a bag of marbles. Every time you pick up a rock, leave a marble in its place. When you have lost all your marbles, then you are a rockhound.

Swamish Roc Tawk via the Gem Rock.

FIELD TRIP "CALENDAR OF EVENTS" 1963

by Bob Markert, Field Trip Coordinator
of the

MIDWEST FEDERATION OF MINERALOGICAL & GEOLOGICAL SOCIETIES

EXPLANATION of the Field Trip Calendar-- Each year the societies of the Midwest Federation are invited to use this medium of notification for sharing certain planned field trips with mineral collectors visiting in the areas of trips.. Listed here are some of the societies and their events that they are willing to share with you. We hope that your contacts with these clubs will be pleasant and rewarding.

- CLUB SHOW THE LAKE SUPERIOR GEM AND MINERAL CLUB announces their
March 31 GEM SHOW will be held in the KENWOOD SHOPPING CENTER,
Kenwood Ave. & Arrowhead Rd., Duluth, Minn.
FOR DETAILS contact: MRS. GEORGE FRAZER, SEC.
4528 Pitt St., Duluth, Minn.
- ***** ***** ***** ***** ***
- FIELD TRIP THE RIVER VALLEY ROCK HOUNDS will conduct a 1 day FIELD
April 21 NO limitations on numbers participating TRIP
MEET AT: State Park, Beads Lake, Hampton, Iowa
LEAVE PROMPTLY at NOON
Will collect: GEODES
Give 10 days advance notice to: Mrs Jack L. Armstrong, Sec.
323 - 9th Ave., North, Ft. Dodge, Iowa
- ***** ***** ***** ***** *****
- CLUB SHOW THE PERU Y.M.C.A. ROCK & MINERAL CLUB announces their
April 27 GEM SHOW to be held in the PERU ARMORY, PERU IND.
FOR DETAILS contact: MRS RICHARD L. ZELLARS
R.R. "2, Box 57, Star City Indiana
- ***** ***** ***** ***** *****
- FIELD TRIP THE ISHPEMING ROCK & MINERAL CLUB, INC. will hold FIELD
June 1,2 TRIPS on two separate days.
LIMITATIONS of 20 persons each day.
MEET AT: Tourist Information Booth, US41, Ishpeming, Mich.
LEAVE PROMPTLY AT 9:00 A.M.
Will Collect: Iron Country minerals, xls, micros, and
specimens. Give 10 day advance notice to
MRS MARY EDWARDS, Sec., 436 E. Michigan
St. MARQUETTE, MICH.
- ***** ***** ***** ***** *****
- FIELD TRIP THE RIVER VALLEY ROCK HOUNDS will hold a 1 day FIELD TRIP
June 9 NO LIMITATIONS on participating visitors
MEET AT: CITY SQUARE, Ft Dodge, Iowa--10:00A.M. or at
THE GROTTTO, West Bend, Iowa- 1:00 P.M.
Will visit THE GROTTTO
FOR DETAILS: contact: MRS JACK ARMSTRONG, SEC.
323-9th Ave., North, FT. Dodge, Ia.
- ***** ***** ***** ***** *****
- FIELD TRIP THE PERU Y .M.C.A. ROCK & MINERAL CLUB will hold al day
June 16 LIMITED TO: first 100 registering FIELD TRIP
MEET AT: Y.M.C.A. , WABASH & 6th St., Peru, Ind.
LEAVE PROMPTLY AT: 10:00 A.M.
Will collect: Fossile and Calcite
Give 10 day advance notice to: MRS FLORENCE CORRELL, SEC.
Box 183, MEXICO, IND.
- ***** ***** ***** ***** *****
- ROCK SWAP THE GRANT GEOLOGICAL SOCIETY will conduct a ROCK SWAP
June 22 In the EXHIBITS BUILDING, 4H Fairgrounds, MARION, IND.
FOR DETAILS write MR. WALTER TITUS, 4315 South Wigger St.
MARION, IND.

NOTES ON TUMBLING

by Albert E. Murray

Tumbling is a method of producing a fine polish on odd shaped stones in quantity. Certain definite procedures, none of which are difficult, are necessary to produce quality results.

The first thing is the size of the stones to be tumbled. Better results can be had when sizes do not spread over too wide a range. ($1/4''$ to $3/4''$ or $3/4''$ to $1\ 1/4''$) The first run will be with coarse grit and the stones must be 90% ground in this grind as succeeding less material will be removed in the following grinds. The stones after the first grind will be about $3/4$ to $7/8$ of the original weight and volume. Hammer-broken material will need more time than sawed and preformed material. Different varieties of material may be mixed, but the hardness range should be as nearly uniform as possible. A few soft stones which will not be recovered will improve the action because they rapidly grind to mud which helps to carry the grit. If your stones develop flats, increase the speed or the volume of stone or both. The actual grinding in a tumbler comes about in two ways. Some grinding is done as the stones slide down from the top to the bottom, but most of the grinding is done by pressure inside the mass of stone, which gives the larger diameter drum an advantage, as more pressure is developed.

The drum should be at least half full, so we will start with the drum $3/4$ filled. Weigh the stone and add one pound of No. 36 to No. 80 grit for each 5 to 7 pounds of stone, add water to barely cover the stones, and start the drum. Indulge your curiosity as often as you like to inspect the progress. Release the cover gradually because considerable gas will be generated. A goop will form as the stone is ground down and this should be a free-flowing slurry, so add water each day to keep it from getting too thick; however, the goop should be thick enough to keep the stones from rattling. About a week's time should complete the first grind, and the stones should be 90% smooth. Discard stones which have deep pits as they may carry over coarse grit to the finer material causing scratches.

Silicon carbide and the goop from the tumbler is quite heavy and can plug drains. The most practical procedure is to make a wooden frame with window screen tacked to the bottom 4" deep and 6" square will do nicely on a small scale, and rinse the stones in a five gallon pail almost filled with water. Fill the strainer half full and wish it up and down vigorously with an eccentric motion until the stones are clean. Then spread them out on a clean cloth to dry, and inspect. Wash the drum thoroughly, put in one pound of No. 200 grit for 7 pounds of stone, and add enough water to cover the stones. Release the gas and add water daily as required. This run will be 5 to 7 days. Wash and inspect the stones, clean the drum, and replace the stones with 1 pound of No. 400 grit for 10 pounds of stone, and run for 3 days. There is no advantage in allowing more grinding time than this as by now the grit will be completely worn out. Inspect a handful of washed and dried stones each day. If the ends and edges are rougher than other portions, slow the drum down. If this cannot be done, increase the volume by adding small wood blocks. Maple is preferred, about $1/2$ to $3/4''$ cubes. Do not use the same wood blocks in the following runs as some grit will be imbedded in the wood. Repeat washing, inspection, etc., and replace with 1 pound of No. 600 grit for 12 pounds of stone and run 2 days. Wash and replace with 1 pound of tin oxide for 12 pounds of stone and run 2 days. To this add enough water to cover and small wood blocks ($1/4''$ cubes) to make the drum at least $3/4$ full. They will act as a carrier and buffer and help to impart a good polish. Save the wood for future use. Remove and wash a handful of the stones and dry them and check the polish. The stones should shine and look the same wet or dry. Check the polish by testing on the felt polishing wheel. After sorting and cleaning, return the stones to the drum with three cups of detergent and run for 12 hours; then rinse and dry them. At this point you may put on a big smile for you have just completed a batch of lovely gem stones.

Now check the next page for the chart on Tumbling Drum Sizes and Speeds.

FIELD TRIP CALENDAR OF EVENTS 1963 , cont.

FIELD TRIP
June 23

THE MUSKEGON COUNTY ROCK & MINERAL ASSOC. will conduct a 1 day FIELD TRIP
NO LIMITATIONS to numbers participating
MEET AT Beltline Plaza, Corner US31 & 46, Muskegon, Mich.
LEAVE PROMPTLY AT 8:00 A.M/
Will collect: Petoskey Stones, chert, and marcasite
Give 10 days advance notice to: MRS FRED ANDERSON, SEC.
207 Main St., COOPERSVILLE, MICH.

CLUB SHOW
June 28
29
30

THE ASHTABULA ROCK & GEM CLUB announces their GEM SHOW
WILL BE HELD AT the grounds behind THE ROCK MUSEUM
FOR DETAILS WRITE: ROCK CREEK, OHIO

MRS ALICE BERWALD, CORRES. SEC.
R#1, Box 74, KINGSVILLE, OHIO

THE EVENT OF THE YEAR-----1963 FIELD TRIP CONVENTION

July 18, 19, 20, and 21, 1963

THE MESABI ROCK & MINERAL CLUB, INC. proudly announces
that they will host the Midwest Federation Field Trip
TO BE HELD in HIBBING MINN. Convention

WILL COLLECT THE VERY BEST THAT MINNESOTA HAS TO OFFER.
FOR DETAILS WRITE AND SEND \$1.00 to CON PETERZEN, CH.

2607 E. 3rd Ave., Hibbing, Minn.

TAILGATING SESSION
Aug. 11

THE MINNESOTA MINERAL CLUB announces a TAILGATING SESSION
and invites you to join their day of fun.

FOR DETAILS WRITE: MR. ROY PAYNE

9024 Tyler, N.E., Minneapolis, Minn.

ROCK SWAP
FIELD TRIP
Aug 17
18

THE SAC & FOX LAPIDARY CLUB and THE MID-IOWA ROCK CLUB
WILL JOINTLY SPONSOR A FIELD TRIP AND ROCK S/AP

MEET AT Lake Keornan State Park, OSKALDOSA, IOWA

FOR DETAILS WRITE: MRS MARY STITELY, SEC.

1230 Cave E., OSKALOOSA, IOWA

FIELD TRIP
Sept 1, 2

LINCOLN GEM AND MINERAL CLUB, INC. will conduct a 2 day
MEET AT: FORT ROBINSON, NEBR. FIELD TRIP

FOR DETAILS WRITE: MRS DOROTHY ENGLEHART

4130 Witherbee, LINCOLN, NEBR

GEM SHOW
Sept 28
29

THE LINCOLN GEM AND MINERAL CLUB, INC. announces their
CLUB SHOW

TO BE HELD IN the NATIONAL GUARD ARMORY

J. 76 N. 10th St. LINCOLN, NEBR

FOR DETAILS WRITE MRS. DOROTHY ENGLEHART

4130 Witherbee, LINCOLN, NEBR.

1963 DUES NOW PAYABLE -----Y OUR SUPPORT IS NEEDED----and your financial support will be a big help. Have you contributed an article to the JASPILITE during this past year or plan on helping this year? Send dues to FRANK BOGETTO, GWINN MICH. and send articles to MISS CAROL KOKKO, P.O. BOX 324, NEGAUNEE, MICH.

CLUB SHOW
May 5

THE KENOSHA GEM & MINERAL SOCIETY announces their CLUB SHOW
TO BE HELD at the WOMEN'S CLUB, 6028 EAST AVENUE, KENOSHA, WISC.

FOR DETAILS WRITE: MRS. GAIL BECKER, SECRETARY,

2105 NINETEENTH STREET, KENOSHA, WISCONSIN.

TUMBLING DRUM SIZES AND SPEEDS

Barrel Diameter	Operating Speed Round Drum	Operating Speed Hexagonal Drum
6"	37--54 rpm	22--30 rpm
7"	35--50 rpm	20--30 rpm
8"	33--46 rpm	18--28 rpm
10"	30--42 rpm	16--26 rpm
12"	26--38 rpm	15--24 rpm
14"	24--34 rpm	14--22 rpm

Hexagonal drums require more time than round drums to tumble a like amount of stone because they must be operated at a lower speed.

Library Policy

The following was adopted at the February 1, 1963, Executive Board meeting. It will be in effect until the Club Constitution is revised.

1. Library materials may be used only by Club members.
 2. Persons using materials are responsible for them and must replace or pay for lost or severely damaged materials.
 3. Materials will be borrowed not longer than between two consecutive regular monthly meetings of the Club.
 4. If materials are not returned when due, a fine of 10¢ per item per month will be charged.
 5. Fees for the replacement of lost or damaged materials will be set by the librarian, but the borrower may appeal to the Executive Board.
 6. The maximum amount of materials that a person may borrow at one time will be determined by the librarian according to demand, but may not exceed six items.
 7. The librarian will keep a permanent written record of the borrowers, materials borrowed, dates materials borrowed and returned, and fines paid, and will give receipts to borrowers for fines paid.
-

NONSENSE, NONSENSE, NONSENSE

Upon a rock dump huge and tall
Dug rockhounds big and rockhounds small.
Tell us a story, a small rockhound requested,
While all of them lunched and afterward rested,
A big rockhound told this story to all.
It was a pleasant day in fall
Upon a rock dump huge and tall,
Dug rockhounds big and rockhounds small.
Tell us a story, a small rockhound requested,
While all of them lunched and afterward rested,
A big rockhound told this story to all.
It was a pleasant day in fall
Upon a rock dump huge...

A. E. Murray

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January 20, 1963

ISHPEMING ROCK & MINERAL CLUB, INC.

The following is a synopsis of what transpired at the January meeting of the Ishpeming Rock and Mineral Club meeting held at the Chamber of Commerce Building in Marquette.

Members present voted on the best article to appear in the Jaspilite the previous year. The winner was Mr. Al Murray, Sr. with his article entitled, "The Beauty is Hidden Within".

The display cases were filled with local specimens that members brought for that purpose. Mr. R. K. Richards and his committee decided on which specimens to display. Announcement was made that Mrs. Hettie Hawes donated a stapler to the Club.

Election of officers was also held. The new officers are listed elsewhere in the Jaspilite.

BOARD MEETING -- ISHPEMING ROCK & MINERAL CLUB February 2, 1963

This meeting was held at the home of Mr. Glenn Gregg, Gwin. Board members approved the purchase of two traveling cases from the MIDWEST FEDERATION. These would be used for mineral and rock displays to promote our educational programs in schools of the area.

Considerable discussion was held on the cost of the Jaspilite - if we should continue producing same - mimeograph machine and upkeep of same - also considered other means of producing the Jaspilite. For the time being the matter was tabled to a later date.

The Board was notified that the Cleveland Cliffs Iron Co. was interested in establishing an Earth Science in the Ishpeming-Negaunee area. The Board members went on record that they would give it moral support.

It was suggested that the Club continue giving a prize for the best Article of the year in the Jaspilite--all board members were in favor of it.

February 17, 1963 ISHPEMING ROCK & MINERAL CLUB

A regular meeting of the Ishpeming Rock and Mineral Club was held at the Ski Museum in Ishpeming. 40 adults and 11 junior members were present at this meeting.

Motion made to continue to give a prize for the best article in Jaspilite, and to have a prize for the Juniors and a prize for the Senior members. Al Murray was made Chairman of this Committee. Motion carried. Mrs. Marion Markert volunteered to be hospitality Chairman this year.

February 17, 1963 continued

The president announced the following aims for the year.

1. To keep and build a strong interest in the Club of participation of all members in its many activities.
2. Promote a strong educational program for the group members, especially to work with the younger people.
3. Continue publication of the Jaspilite.
4. Close cooperation with American and Midwest Federations.
5. Explore possibilities - start establishment of an Earth Science Museum.

Members are asked to save cancelled Commemorative stamps for Ye Old Timers Project which buys milk and food for needy children overseas. Cut stamps, leaving $\frac{1}{4}$ " around, do not tear them off. Foreign stamps or U.S. stamps, other than common 1, 2, 3, or 4¢ can also be used. Turn them in to Mrs. Domenica Carlyon.

After the meeting Mr. Art Slaughter, a geologist with the State Conservation Department gave us an insight into how Michigan, as we know it, came about. He took us through the different eras, Pre-Cambrian, Paleozoic, Silurian, Mesozoic, Cenozoic. With the aid of charts and maps he made it so interesting, we didn't want him to quit. Thank you, sir, for a most informative discourse.

BOARD MEETING OF ISHPEMING ROCK & MINERAL CLUB

March 1, 1963

This meeting was held at the home of Mr. R. K. Richards. Thirteen members were present.

Mr. Bob Markert gave a report on progress toward a Science Museum. The Ishpeming Chamber of Commerce is taking the lead in promoting it. Bob met with officials of the Cleveland Cliffs Iron Co. and Ishpeming Chamber of Commerce. Plans are in the early stages but it is hoped to form a profit Corporation with initial stock to be sold -- several sites are being considered, at present it will be temporarily set up in the offices of the Mather A -- such were the tentative plans at this date.

Mr. Richards reported on his Education Committee. He picked Bob Markert and John Argeropoulos to work with him. Thought of selling display cases to schools and then rotating different displays monthly - would be a slight charge for the service. Possible categories suggested, Economic Minerals, Petrified Wood, Fossils, Gemstones, Marquette County Minerals, Lapidary Materials, Tumbled Stones, Artifacts, Crystals, Lake Superior Rocks, Seashells.

It was also suggested that we stress study of ROCKS, a field that we have neglected.

These are just the highlights of what was discussed at the several meetings. If you wish more detail - please, attend meetings.

CAMPING: At the St. Louis County Fairgrounds in Hibbing, Minn. Room for over 500 tents, trailers, campers, etc. Also some of the resorts have beautiful sides on a lake or river. On the fairgrounds electricity will be furnished and a guard 24 hrs. a day. Fee \$2 for the show period. Not far away in the same grounds will be the TAILGATING AREA. Fee \$2 for the Convention period. Open to all - swappers, dealers, traders, etc.

TRIPS: The thomsonite trip is still on. All stories and rumors to the contrary. Binghamite & silkstone area is still up in the air. State areas just about set. A couple more letters and away we go. Especially good for agate - 2 or 3 kinds and fossils.

FOOD: Breakfasts and lunches will have to be carried by each person. Cafes open early will be listed in coming issues of MESABI MEDIA. Thursday, July 18 will be a pasty supper in Hibbing. Friday, July 19 will be a Fish-Steak fry in Ely. Sat. July 20 the big banquet in Hibbing. Sat. morning, the Editors Banquet in Chisholm, Minn. Sun. there will be a special listing of the area Churches for your convenience. Also special short tours.

BUSES: It is hoped that most of conventioners will plan on taking buses on the longer field trips. The rates will be reasonable and make the entire operation more efficient.

REGISTRATION: Remember how much we appreciated the early registrations in 1960. So let's help these good folks out and send in ours as early as possible.

"FIELDTRIP TIME AGAIN"

in two parts

FIELD TRIP TIME AGAIN

Bob Markert

Do you plan on being a casualty of some accident this year?

Are you going to be responsible for closing some quarry or collecting spot?

If your answer is NO to both these we know you will be always mindful of a few good collecting rules explained below.

1. No matter how much you are to collect, you will first ask PERMISSION of owner for collecting rights.
2. Once obtained you will be polite and considerate at all times.
3. (a) Close all gates behind you.
(b) Stay away from machinery, buildings & supplies of Mining companies.
(c) LEAVE NO LITTER - In fact, if you see a chance to clean up after someone else-DO SO.
(d) Collect on poor rock piles and not on Commercial ore piles.
(e) Be on your toes and wide awake.
(f) WATCH OUT for moving machines
(g) DO NOT collect over edge of dump when MINE is working. Tons of rock could be dumped on you without your presence being known.
(h) Always keep children within reach and sight of yourself.
(i) Do not allow children unless someone volunteers to be their watchdog.
(j) NEVER COLLECT UNLESS YOU ARE WEARING:

1. Sturdy shoes-other than oxfords to avoid sprains, bruises from falling rocks, and bites from bees, wasps or poison from Poison Ivy.

2. SAFETY GLASSES: even though you are the only one not pounding, you are in far greater danger from chips from your Buddies rocks than even he is. Safety glasses can be purchased for as little as \$1.25.

"YOUR EYES ARE PRECIOUS."

(To be continued)



Stubby Lawson is requested to wear his bolo tie with the picture of Crazy from the Jackie Gleason Show to the next club meeting. How about it, Stubby?

*

We have received word that Carl Dunn has recently passed away in Florida. Our deepest sympathies are extended to Harriet. The Dunns have made their summer home at the Northwoods Club area.

*

Jim and Fern White have returned from an extensive trip in the west coast. They have promised an article for our next issue. We will be looking forward to it.

*

Abbie Roberts is at home now recovering from surgery. Our best wishes to her.

*

Our new members, the Dean Murrays are vacationing and collecting rocks in the Southwest. Hope they have good luck.

*

Watch the June issue of the Earth Science magazine for pictures and article on Onni Hutander's grandson, the youngest lapidarist.

*

Clyde Steele is home from the hospital. We hope he is coming along fine now.

*

We hear that the Bamfords were hit hard by the flu bug. Our wishes for a speedy recovery is sent to them.

*

Dues for 1963 are due by April.

Hetty Hawes has moved to Cedar Rapids, Iowa. Write to her at Meth-Wick Manor. She has promised to return in the summer for a visit. We'll be waiting, Hetty.

*

Bob Markert spent 4 days at the Tourist Information Booth Show at Milwaukee extolling the virtues of Marquette County.

*

Louis Terzaghi won first prize at the St. Paul's School Science Fair in Negaunee. Congratulations, Louis!

*

Many of our members have brought lapidary work to our last club meetings. A lapidary section of the I.R.&M.C. is being organized by Jarl Kivela. If you are interested, a beginner or expert, and would like to join, call Jarl at GR5-9288 by April 9.

Chester Bignall is organizing a section on Identification of Rocks and Minerals. This should be of interest to everyone. Call Chester at 249-1308.

*

Condolences are extended to Ruth Lawson and family on the recent loss of her mother.

*

Charles Markham gave a silversmithing demonstration at the Markerts' home. Two of those present, Jarl Kivela and Onnie Hutander, have done some very good silver work. Have the others who were present done any more work on it? If so, show them to us please.

*

The Kokkos were put out of circulation by the flu bug. Taine used some "green" vinegar which she found in the basement as a gargle. Turned out, Carol had used it previously to clean copper and then put it back in the bottle. Taine suffered no ill effects from it--she says its the "cure or kill" method. She doesn't recommend its use for anyone else, though.

*

Start making plans now to attend the 1963 Fieldtrip Convention on July 18, 19, 20, and 21, 1963. The convention is being hosted by the Masabi Rock and Mineral Club. "Hibbing or Bust". The collecting areas are many and the material to be collected is varied--specimens, large and micromounts, polishing, crystals, etc.



MARQUETTE

Happy hours has moved to Cedar Rapids, Iowa. Write to her at North-Wick Street. She has promised to return in the summer for a visit. We'll be waiting, Betty.

Bob Huxford spent 6 days at the Portland Information Booth Show at Milwaukee on calling the virtues of Marquette County.

Louis Terzaghi won first prize at the St. Paul's School Science Fair in Wisconsin. Congratulations, Louis!

Many of our members have brought laboratory work to our last club meetings. A lady, day-section of the I.N.S.M.C. is being organized by Jari Kivola. If you are interested, a beginner or expert, would like to join, call Jari at 681-2222 by April 9.

Chester Hignall is organizing a section on Minerals and Minerals. Call Chester at 349-1302.

Conferences are extended to both Lawson and family on the recent loss of her mother.

Charles Markham gave a silver-mercury demonstration at the Markham's home. Two of those present, Jari Kivola and Gail Hutscher, have done some very good silver work. Have the others who were present done any work on it? If so, show them to us please.

The Kokos were put out of circulation by the tin bug. Taina used some "green" virus car which she found in the basement as a garage. Turned out, Carol had used it previously to clean copper and then put it back in the bottle. Taina suffered no ill effects from it--she says she has "cut or kill" method. She doesn't recommend it as we have anyone else, though.

Steve Wajda plans now to attend the 1967 District Convention on July 12, 13, 14, and 15, 1967. The convention is being hosted by the Havelock Book and Mineral Club. "Hibbing or Best". The collecting means are many and the material to be collected is varied--specimens, large and microscopic, polishing, crystals, etc.

[Faint handwritten notes and scribbles in the upper right quadrant of the page.]

Stubby Lawson is requested to wear his polo tie with the picture of Gray from the Jackie Gleason Show to the next club meeting. How about it, Stubby?

We have recently passed away in Finland. The funeral services are extended to Haverock. The dues have been paid. The Northwest Club area.

The Fern White have been in the west coast. They have an article for our next issue. We will be looking forward to it.

Billie Roberts is at home now recovering from surgery. She best wishes to her.

Our new members, the Dean Hays are venturing and collecting rocks in the Southwest. Hope they have good luck.

Watch the June issue of the North Science magazine for pictures and article on Gail Hutscher's grandson, the youngest lapidaryist.

Clyde Steele is home from the hospital. We hope he is coming along fine now.

It is heart that the Roberts were hit hard by the tin bug. Our wishes for a speedy recovery is sent to them.

Plans for 1967 are due by April.

Charles Markham

107 W. Ridge St.

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