

Dec 63

T H E



ROCK and MINERAL CLUB

J A S P I L I T E

Affiliated with the Midwest Federation
of Mineralogical and Geological Societies

THE JASPILITE

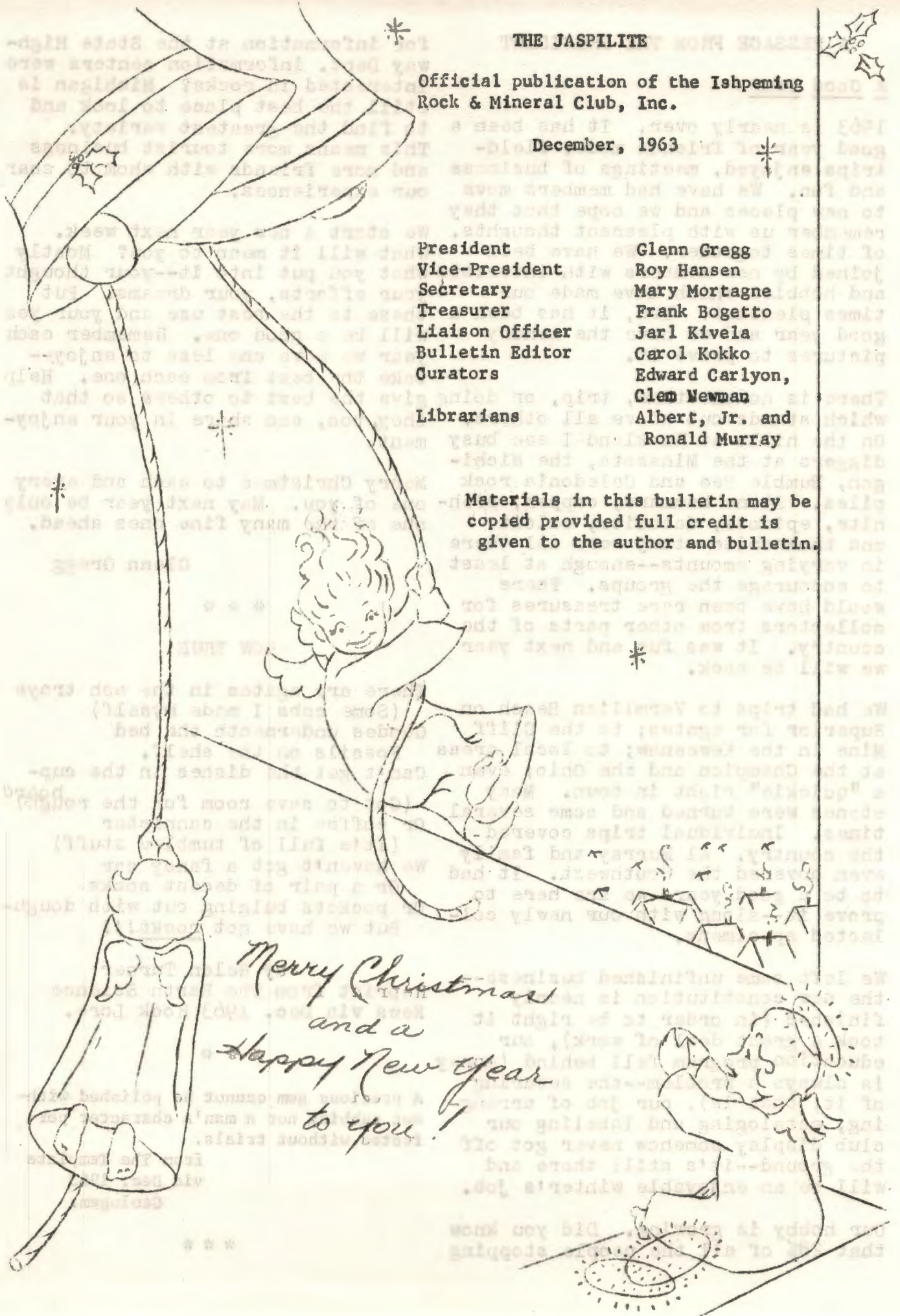
Official publication of the Ishpeming
Rock & Mineral Club, Inc.

December, 1963

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|-----------------|----------------------------------|
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copied provided full credit is
given to the author and bulletin.

*Merry Christmas
and a
Happy New Year
to you!*



A MESSAGE FROM THE PRESIDENT

A Good Year

1963 is nearly over. It has been a good year of friends made, field-trips enjoyed, meetings of business and fun. We have had members move to new places and we hope that they remember us with pleasant thoughts of times together. We have been joined by new members with interests and hobbies which have made our times pleasant. Yes, it has been a good year and we have the memory pictures to prove it.

There is no one time, trip, or doing which stands out above all others. On the hills at Rockland I see busy diggers at the Minnesota, the Michigan, Bumble Bee and Caledonia rock piles. Stone hammars, copper, prehnite, epidote, datolite, calcite and thomsonite--they were all there in varying amounts--enough at least to encourage the groups. There would have been rare treasures for collectors from other parts of the country. It was fun and next year we will be back.

We had trips to Vermilion Beach on Superior for agates; to the Cliff Mine in the Keweenaw; to local areas at the Champion and the Ohio; even a "quickie" right in town. Many stones were turned and some several times. Individual trips covered the country. Al Murray and family even covered the Southwest. It had to be a good year--we are here to prove it--along with our newly collected specimens.

We left some unfinished business--the new constitution is nearly finished (in order to be right it took a great deal of work), our education program fell behind (money is always a problem--the securing of it, that is), our job of arranging, cataloging and labeling our club display somehow never got off the ground--it's still there and will be an enjoyable winter's job.

Our hobby is growing. Did you know that 28% of all the people stopping

for information at the State Highway Dept. information centers were interested in rocks? Michigan is still the best place to look and to find the greatest variety. This means more tourist business and more friends with whom to share our experiences.

We start a new year next week. What will it mean to you? Mostly what you put into it--your thought your efforts, your dreams. Put these to the best use and your year will be a good one. Remember each year we have one less to enjoy--take the best from each one. Help give the best to others so that they, too, can share in your enjoyment.

Merry Christmas to each and every one of you. May next year be only one of the many fine ones ahead.

Glenn Gregg

* * *

HOW TRUE

There are agates in the ash trays
(Some cabs I made myself)
Geodes underneath the bed
Fossils on the shelf,
Can't get the dishes in the cupboard
(Got to save room for the rough)
Or coffee in the cannister
(It's full of tumbled stuff)
We haven't got a fancy car
Or a pair of decent socks
Or pockets bulging out with dough.
But we have got rocks!!!

by Helen Turner
Reprint from The Earth Science
News via Dec. 1963 Rock Lore.

* * *

A precious gem cannot be polished without rubbing nor a man's character perfected without trials.

from The Template
via Dec. 1963
Geologem.

* * *

SILVERSMITHING

Dear Members:

It will be possible to have a course in silver smithing at Northern Michigan University this winter. The course would be conducted by Mr. Paul Mattson and Mr. Arthur Neiger, both instructors at N.M.U. Both men are well trained and capable of teaching this course.

There would be ten lessons of three (3) hours each. Classes would be at the Industrial Arts Building each Monday evening for ten weeks.

Cost would be \$1.00 per hour or a total of \$30.00 for the course. This would include instruction, class room and laboratory. It was felt that the 30-hour course was desirable to cover the subject as outlined on the attached sheet,

Each student or team (husband and wife) would need essential tools which are listed. The cost of these tools and silver would be in the vicinity of \$20,

Here is our opportunity to get outstanding training in this field of study. One of each 3-hour period would be devoted to lecture and two hours to training and lab work.

We need to have the class set up by the last week of January in order to finish by the first of April.

Are you interested? Keep reading.

Glenn Gregg

SILVERSMITHING TOOLS

Tools needed:

- a. Jewelers Saw - 3 to 6", adjustable frame.
- b. Three doz. blades, assorted; #0, #00, #000.
- c. Pliers - 4"
 1. Chain nose
 2. Round nose
 3. Diagonal Cutters.
- d. Charcoal block.
- e. Silver solder
 1. 1 ft. of easy flo

2. 1 ft. of med. flo
 3. 1 ft. of hard flo.
 - f. File (Jewelers) 4"
 1. Flat
 2. Round
 3. Half round
 - g. Source of heat
 1. Min. requirement would be Alcohol torch and Blow Pipe.
 2. Berns-O-Matic torch would be better, complete with pencil tip.
 - h. Silver and other materials needed for each student--approx. \$6.00.
- Operations to be covered:
1. Annealing
 2. Apply findings
 3. Finishing
 4. Fuxing
 5. Oxidizing
 6. Pickling
 7. Piercing and cutting
 8. Polising - ashing, polish, buff.
 9. Silver Soldering
 10. Stone setting--bezel, cage, prong, peg, rivet.
 11. Transferring design
 12. Forging
 13. Casting (Opp.)
 14. Drawing, bending, forming.
 15. Surface texture
 16. Lost Wax Process of casting if requested and if equipment is available.

Other related topics:

1. Materials - characteristics of metals.
2. Supplies
3. Tools
4. Design.

LAPIDARY HINTS

To keep the buff wheel clean while the rest of the machine is in use, cover the buff with a plastic bowl cover.

When changing the sanding cloth on a drum sander, use Scotch tape to pull the cloth through the slot of bolt groove.

(Editor's note: The above hints were taken from the first issue of the bulletin put out by the Copper Country Rock and Mineral Club. This bulletin is very interesting, and we hope that our new neighbors continue their fine work on the bulletin. Good luck!

DOWN FROM THE NORTH TO THE GREAT SOUTH-
WEST (Continued)

The day was ending as we approached the car and trailer. I had a great disappointment as I saw the flat tire on the trailer and we had no spare. To make matters worse, there is no service station at the south entrance through which we were to leave, and Holbrook was some 20 miles away. I looked up a park ranger and he helped us by hooking up a compressor so that we could get air in the tire. I had to drive on the flat about a block in order to get the air and the tire shifted around on the rim making it necessary to raise the trailer and slide the tire around till the valve stem was straight. After inflating the tire we could hear the air leaking out so we hurried on our way to Holbrook and were lucky enough to get there before the air was all gone. These are the times when the park rangers are really appreciated.

After having the tire repaired, we continued on to Joseph City where we stayed at the Concho Motel. While we were there, I questioned a young attendant at the gas station as to where we could look for petrified wood out in the desert. The directions were very simple. Three miles east to the big power line, and then north on a service road and be sure to close the gate. Well, we started into the desert and there were small pieces of petrified wood everywhere, but mostly full of fractures. About a half mile on the service road and we came to a rock outcrop over which the road was built. The rise was so steep that the road could not be seen over the hood of the car so Ron went ahead to direct me. At one point the road made a sharp left turn to avoid a drop-off of about 6 to 8 feet which the driver could not see. In less than a block we were back on the floor of the desert again. We passed a large petrified log about 4 feet in diameter and 10 or 12 feet long which someone had dug up with a bulldozer, but the color was not good so it's still there. We continued on the service road over several more rock outcrops and finally came to a flat topped rock big enough and flat enough to turn around on. At this point, we parked and scattered out to look for wood. I went to the east over a rise a couple blocks from the car and found a tree

length of log the top of which was gone, but that part which was in the ground was still there. I took my hammer and started to dig and pound. I managed to get loose more than I could carry in my arms and I hadn't brought a bag with me, so I took off my shirt, piled the rocks on and headed back to the car with my load. The boys and my wife had found more wood in other directions. We made a pail of lemonade and started back for the highway. Although the temperature was way over 100° in the desert, you do not perspire. The air is so dry that any moisture evaporates immediately. When we came in view of the highway again, I was greatly relieved because I was somewhat concerned over the possibility of a breakdown miles and miles into the desert on a road that might not be used all of once a month, and I did not relish the thought of walking out for help.

After leaving the desert area, we started out for the Grand Canyon arriving around supper time. There had been a gradual change from desert to timber land. Here there were huge pine trees and park-like areas and somewhat cooler temperatures. The campground was filled so we were sent to the overflow campground at the village picnic area. There is no charge in this campground and the entrance fee to the Grand Canyon is only \$1. At this time we had traveled 3,232 miles since leaving home.

The park road is built along the edge of the canyon with lookout points at every possible place where there is a view and we went from one end to the other stopping dozens of times. The views are truly spectacular.

Located in the middle of the park is "The Little Orphan Uranium Mine" which we visited. The surface area of this mine is quite small, and enclosed by a high wooden fence which is thoroughly posted with "No Admittance" and "No Trespassing" signs. Walking past these signs, the boys and I went to the office to request permission to look for minerals. We were reminded by the lady in the office that we were in a private area, but after a bit of talking she granted us permission to take some specimens from their ore pile. Ron went back to the car for the scintillator so

...TO THE GREAT SOUTHWEST (Continued)

that we could check the minerals to make sure that those pieces which we took would have a high count. The ore from this mine is fairly rich in uranium. They have no waste rock pile because they do not have space to dump it and it is all hauled out in railroad cars outside the park area. The hoist is located in the open in the canyon and the mine itself is an adit into the canyon face. In time to come, their surface property will go to the park, but they have a 25 year mining privilege to work on and mining rights under the park in exchange for their property.

On our way again, we passed through Williams, Seligman, and Peach Springs where we stayed at the Peach Springs Auto Court. Mileage on the speedometer-7734.

Tuesday, July 30 - We passed through Kingman and from Arizona to Nevada over Hoover Dam, then through Henderson and on to Las Vegas. We entered one of the casinos and in a fraction of a minute, a guard was standing before us politely asking Ron his age. To frequent a casino, the person must be 21 years of age or over, so Ron had to wait outside. Many of the casinos have name bands and famous personages to provide entertainment, but the patrons are so feverishly engaged in gambling that only a handful of people take the time to enjoy these wonderful performances. Not wanting to leave Ron outside along, we took turns going into different clubs to see what it was all about.

While I was waiting with Ron, I got a handful of dimes and called a number of places trying to locate a rock shop or rock collector to trade with. The results were negative. Although it was hot, the marquees of the casinos have so many lights that you can feel the heat beating down so that it is hotter than the noon day sun. I would hazard the opinion that the casinos use enough light to light half of the U.P. A number of service station operators advised us not to cross the Mohave Desert in the daytime, so we left Las Vegas around 9 p.m. on our way to California.

We stopped at Browns Coffee Shop at Baker, California, in the small hours of the morning at which time the temperature was below 106°. The manager told us that the temperature was below normal, it being only 129° the day before when ordinarily it would be over 135°. We went on to the Stardust Motel at Victorville. 2:45 a.m. Speedometer - 8084.

From Victorville we went on through San Bernadino to Anaheim and Knotts Berry Farm. Many old western buildings have been moved in to their ghost town from abandoned locations. The characters who operate the stores and shops are dressed as they namesakes were. You can have a tintype made in the studio or buy flour milled on an old stone from yesteryear. Artisans ply their trades and, of course, the food is tops. Jams and jellies? You name it; they have it. Take a look into the jail window and you will be surprised by a voice kidding you, and as in my case calling me baldy. I later discovered that it is done with mirrors through a very novel hookup from another building. They also have rocks--a few choice pieces to look at and a lot of ordinary ones for sale. This is a very delightful place to visit.

The ever-present time factor forced us to move on, so we went down the coast to the Swallows Motel at Capistrano Beach where we spent the night.

The Mission at Capistrano when originally built had all the facilities to be self-sufficient, but through many years of disuse, it was falling to ruin before a program of restoration and salvage was begun. An underground storm sewer system that was installed when the mission was built is still in use and functions perfectly. Parts of the original buildings are still in use and the gardens still have some original trees. They have started a museum to house the ancient furniture, garments, and tools. They are still discovering things through excavation which had been forgotten long ago. There is some kind of legend about the swallows having been given shelter there a long time ago, so they return each year to the mission to live among friends. The feeling and atmosphere at Capistrano is most peaceful and pleasant.

...TO THE GREAT SOUTHWEST (Continued)

Leaving Capistrano, we went back to L.A. and on to Disneyland. Everything that is said about Disneyland is true and a lot more. This is the most fantastic, fabulous place that has ever been conceived. An adequate description of Disneyland would take too much space, so I will just say it is wonderful and let it go at that.

On our way to Marineland of the Pacific, Palos Verdes, California, we passed the Wayfarers Chapel which was designed and built by the famous architect, Frank Lloyd Wright, a man whose work Albert greatly admires. We spent several pleasant hours watching the aquatic acrobatics of porpoises, whales, and other denizens of the oceans. Then we were on our way again to L.A. We went to Hollywood, and to Grauman's Chinese Theatre to see the footprints and names in concrete. Into the sidewalks all down the main drag are set the names of famous entertainers of stage, screen, radio, and T.V.

Studio City, Ventura, Santa Barbara, Santa Maria, King City, Gilroy, San Francisco. San Francisco is a very beautiful city with pastel-colored buildings set in neat rows on the hillsides. Delightfully cool after the oppressing heat of the desert areas we had passed through. We watched the fog drift in from the ocean and silently close off the view as we went down to the Fishermans Wharf. A sidewalk mart area where fresh fish and sea foods setting in pans of ice are sold on the sidewalks. The scene can be likened to a carnival with the crowds bustling along between the counters with their souvineers and sea foods. I bought 3 abalone shells, beautifully irridescent and of many colors. Good cutting material, I hope.

We had a delightful seafood dinner after which we left to cross the Golden Gate Bridge and drove out to Muir Woods to see giant redwoods which were large even before the middle ages. Back across the Richmond Bridge and on to Vallejo where we spent the night. Mileage-8908, and 4595 miles out of Escanaba.

From Vallejo we went on through Sacramento and Auburn, across the state line from California into Nevada at which point we

picked up some gray granite, then to Last Chance and Reno. We camped that night at 102 Trailer Court a part of 102 Ranch.

Many towns later, we came to Battle Mountain, Nevada and Todds Rock Shop. At this point, we still had a couple of boxes of trading material and we swapped all we had left. Among the material which we got in trade was 20 lbs. of agate, obsidian, turquoise, odontolite, jasper, and host of others. The Todds are silversmiths of the first water. They have a beautiful array of handcrafted pieces mostly set with turquoise. Every piece of jewelry they design is different. They make the settings to fit the stones, and the personality of their customers. While we were there, they told us of several locations where we could collect. After leaving Battle Mountain, we continued to Wells, Nevada, and stayed at Smittys Motel.

Wednesday, August 7. We have been traveling over three weeks now, but we are homeward bound. After passing through Jackpot, Nevada, we crossed the state line from Nevada to Idaho. Four miles after the state line, we stopped to dig fluorescent calcadony geodes in perlite from a roadcut which the Todds had told us about. We went on to Idaho Falls for the night.

to be concluded. Albert Murray, Sr.

Behold the Rockhound.

He riseth up early in the morning,
And disturbs the whole household.
Mighty are his preparations.
He goeth forth with tolls, bags and maps
Day is far spent ere he cometh back.
Blistered are his hands and feet,
And he has rocks for throwing and keepin;

Albert Murray, Sr.

Copper, initially found on Cyprus, gets its name from that island. The Romans called the metal "aes cyprium" or Cypriar metal. Later usage changed it to "cuprum" and then to copper.

via Dec. 1963 Magma

APPLICATION FOR SPACE ON "THE CALENDAR OF EVENTS 1964"

Field Trip Coordinator
Midwest Federation

The Presidents of all Midwest Federation Societies:

GREETINGS:

This special message of FIELD TRIPPING is being sent out in hopes that your club may decide on setting aside one day next year as a "SPECIAL DAY"---a special day of "TOGETHERNESS."---a day in which you might share with outsiders, the joy, and happiness that a field trip, rock swap, pot luck supper, or gem show might bring.

How nice it is to help that other fellow find friends, specimens, or just precious hours in the presence of many.

In the past three seasons of being coordinator I have seen a fair degree of participation in this program. Some clubs have participated every year while others-----well,----. I have even received comments such as: "Our collecting areas have only limited collecting so we cannot go along with this program, but we would like to get the calendar so we can take part in field trips elsewhere."

I am wondering how your club will reply. Please consider this request promptly. It is my hopes that your club will set aside one day in 1964 and say, "We are going to have a "Midwest Federation Day"-- Don't know where we are going and what we are going to collect but we have lots of time to plan that. The important thing is the day. The details will be made available by writing our club secretary." Give me as much information as possible and REMEMBER, the completed application blank must be returned to me by February 8, 1964, so that I can make out a Calendar of Events, which must be mailed to the Directory Chairman by February 15, 1964.

May I take this opportunity in behalf of the MIDWEST FEDERATION and myself to wish you and yours the Merriest Christmas and Happiest New Year ever----Successful hunting to you in 1964.

Sincerely,

Bob

Bob Markert, F.T.C.
Rural Route 1, Box 620
Ishpeming, Michigan

APPLICATION FOR SPACE ON "THE CALENDAR OF EVENTS 1964"

Field Trip Coordinator
Midwest Federation

Dear Sir:

Our club is planning on a ___ day field trip during the days of
_____, 1964 (1st choice)
_____, 1964 (2nd choice)

and we are hereby issuing this invitation to all visiting rockhounds to join us during this field trip.

We understand that lodgings and meals are to be arranged by the visiting collector. Any person or persons planning on attending our field trips listed below are required to notify our club secretary, whose name is listed below, at least 5 days previous to our outing. This information is needed as we can only handle _____ persons and special considerations must be shown quarry owners and other property owners with regards to releases and such matters.

Address correspondence to:

(Mr., Mrs., Miss) _____ Secretary
_____ Club

Address _____
City _____ Zone _____ State _____

The FIELD TRIP will depart from _____ (city) _____ (place)
at _____ (a.m., p.m.). We expect to collect the following items,
_____. BE PROMPT, we leave on time.

Our club gem show is scheduled for _____, 1964. It will be held in the _____ (building), _____ (city), (address) _____. For information contact club Secretary, whose name is listed above.

Sincerely,

_____, Pres.

_____ Club

P.S. A sample of Indemnity release form is ___ or is not ___ hereby requested.

CHRISTMAS FIELD TRIP

'Twas the night before field trip, and what with our labors

Not a creature was sleeping - not even the neighbors.

Our rock sacks were tossed in the back of the truck -

We were so very sure we would have lots of luck.

The trailer was loaded with lots of good food;

We mustn't forget to take plenty of wood!

Poppa in his blue jeans and I in mine too,

With plenty of sweaters - we mustn't turn blue!

When out on the lawn there arose such a clatter,

I knew 'twas Paw loading, with plenty of chatter.

Back in the house he flew like a flash

To pick up the camera and more of the hash.

The moon in the heavens lit up all below,

And that's where the neighbors wished we would go!

When, what to my wondering eyes should appear

In checking the lights from the front to the rear,

With Paw in the driver's seat, lively and quick,

One tail light went out, with a horrible click!

More rapid than eagles a new bulb we placed,

Amid whistles and shouting we madly raced.

Now, "Paw, you get this" and "Ma, you get that"!

Did you put in the old battered hat?

Upon the porch and into the house,

Like an elephant trying to make like a mouse,

As dry leaves that before the wild hurricane fly

Two obstacles met - it's you and I!

Up to the top the trailer fills,

The truckbed catches all that spills.

And then in a twinkling I heard someone say

"Quit prancing and pawing and get on your way."

As I drew in my head and was turning around,

I spotted the awning we'd left on the ground.

The pick and the shovel to dig out our rocks

Were in the garage, we had so carefully locked.

The amount of old clothing we had on our backs

Made us look like a peddler opening his pack.

Our eyes, how they twinkle, our laughter so merry,

Our cheeks were like roses - four - with marachino cherry.

Our droll little mouths were yakking like mad

And the patter of footsteps were deafening - Egad!

The cat was shut out and the windows were locked,

The lights were turned out, the trailer unblocked,

Then out of the driveway we came with a roar.

By this time the neighbors were more than just sore!

When on the night air I head voices that sifted

From our neighbors' windows - in each was a light -

As I yelled, "Merry Christmas", and they yelled "GOOD NIGHT!"

by Maude Barnes

via Dec. 1960 Breccia

and Dec. 1963 The Triangle Tumbler

Troubled with gas in your tumbler? Try a couple of tablespoons of "Fuller"

pin old in the machine. No gas and it smells good. Mesabi Media

MIDWEST FEDERATIONS "LETTER-A-MONTH"
December, 1963

COUPONS FOR SCHOLARSHIP

\$50,000 is needed for the American Federation's scholarship fund. Yet, after four years the fund has not reached \$3,000. Discouraging? No!!!

Our hopes are higher than ever, for General Mills, home of Betty Crocker food products, has promised to give the American Federation 1/2¢ for its scholarship fund for each Betty Crocker coupon turned in by the AFMS.

There are nearly 50,000 members in the AFMS and if 200 coupons or \$1.00 is turned in by each one of us, we will have raised the \$50,000.

We owe a debt to the professional earth scientists who generously share their knowledge with us and there is no better way to pay this debt than by helping educate future earth scientists. This is why the American Federation is getting up the scholarship foundation which will annually award a scholarship to a student who is working toward his master's degree in the earth sciences.

The gift you give to the scholarship fund whether it be coupons or cash, will be a perpetual gift for the original sum will be never be spent, only the earnings on its investment will be used for the annual scholarship. Thus, the gift you give will serve the cause of education year after year, and God willing, century after century.

Betty Crocker coupons mount up fast! They come with over 50 General Mills products: Gold Medal Flour, Soft-a-Silk Cake Flour, Bisquick, Betty Crocker Cake and Frosting Mixes, Cheerios, Wheaties, Kix, Total, Country Corn Flakes, all Big G cereals, Betty Crocker Potato Products, Betty Crocker Noodles Romanoff, Betty Crocker Refrigerated products, 3 Little Kittens Cat food, Red Band Flour, Sperry Drifted Snow Flour, and many more.

Start saving Betty Crocker coupons today! Your neighbors and relatives will be pleased to help you save for so worthy a cause.

The central collecting point in the American Federation for Betty Crocker coupons for scholarship fund is "W. H. deNeui, 6600 Cornelia Drive, Minneapolis, Minnesota, 55424." Each society is urged to act as a local collecting point and forward coupons to Mr. deNeui.

We urge you to join us in this worthy cause for the gift of knowledge is the finest gift you can give. If you cannot give money, you can give coupons.

Bernice L. Rexin, Chairman
Coupons for Scholarship.

* * *

ENJOYING OUR NEIGHBORS

There are many ways in which we can enjoy our neighbors and hobby more. Of course the best way is to Know Your Neighbor Better. How can we do this?

In some areas this is being done by clubs and societies combining their efforts in order to put on larger and more educational shows. This has been done successfully in the Kansas City area, Milwaukee, Bloomington, Minnesota, and many other sectors. Contact your neighboring clubs and learn how your ideas and activities can be coordinated so that your members get to know each other better.

Another idea worth passing on is combining your bulletin with a neighboring group so that both organizations know what happened during the year. The Des Moines Lapidary Society and the Central Iowa Mineral Society have done this once a year with very favorable comments.

Rock Swaps as hosted this past year by the State Line Club of Michigan are becoming very popular. Probably the first held in the MWF, has become an annual affair sponsored by the Sac and Fox Lapidary Club of Oskaloosa, Iowa. Here you can enjoy your hobby by swapping and camping with your friends. They have completely avoided commercialism as there is nothing for sale, just have fun.

Naturally we should all realize that just visiting a show or swap session is not enough. There would be no show to see if you did not exhibit as well as visit.

MIDWEST FEDERATION'S "LETTER-A-MONTH"

ENJOYING YOUR NEIGHBORS (Continued)

Another way to enjoy your neighbor is to let your neighbor know more about you. Clubs can further our hobby by seeing that items of interest get into their local papers; if there is an educational TV station in your area, offer a program on the phase of the hobby that you know best. A word of caution here - we have had the pleasure of being on TV several times, and know that in one instance too much was crowded into one-half hour. If you are fortunate enough to be able to present such a program, do not allow the director to insist on too much. If they wish a lot, ask for more time.

Combined field trips are becoming general instead of occasional, the same is true of society meetings. Invite your neighbor to share your experiences-you will both find that in doing this, you will enjoy your hobby more.

Doris Kemp

GEM-STUDED CANDLES FOR THE HOLIDAYS

Make a snowball candle. Melt Glo-Candle Wax (it must be the kind which carries the glow of the lighted wick down through the candle - you can't use odds and ends of candles for this kind).

CAUTION: Paraffin ignites easily. Melt wax in a clean tin can set in a pan of water over the low heat. Pour the melted wax into molds for the two halves - cereal bowls will make the snowball shape.

After the wax hardens, unmold, place one on top of the other, determine the center and, using a drill, cut the hole for the wick almost to the bottom of the bottom half. Fill this hole with melted wax, which seals the two halves together and fills the inevitable depression in the original molds (which is now a hole in the middle of the snowball). Before this wax hardens, insert the wick (which you have previously dipped in wax and stiffened). Get this wick in the center of the snowball so it will burn well when lighted.

For the "gem-studding", it is necessary to have assistance, because the "frosting" hardens too swiftly for one person to manage. Melt and whip with an egg-beater more wax (if it hardens, just remelt and rewhip). Using a fork to apply the frosting, cover the candle, while someone else inserts tumbled, translucent stones into the frosting. Do not coat too thickly with whipped wax, (this would prevent the glow from shining through), but push the stones into the base-shape so they will stay on and will carry the glow through themselves.

If the candle smokes, trim the wick. This burns a well down into the candle as it is used. Refill with melted wax and a new wick when necessary. These can be used for several winters by refilling.

from Rock Rustler's News via
Dec. 1963 Geologem

There once was a mailman named Cox
Whose hobby was picking up rocks
Retirement came
But only in name
His collection now fills many a box.

There was a lady named Lil
Agates are not on her bill
The fossils she found
Weighed many a pound
She lectures and hunts for them still.

There once was a rockhound named Ed
They say he has rocks in his head
However, we know
Cuz we saw at the show
His rocks were well polished instead.

For cabachons large, look at George's
A common remark, "My, they're gorgeous
A colored array
If arranged in a spray
Could make many handsome corsages.

(Editor's note - Is the lady rockhound in your house wearing a Christmas corsage made of rocks? She should be!)

limericks by Glenn Olson
from Dec. 1963 Geologia.



ROCKIN' AROUND

by
Roy Hansen

Believe it or not--there hasn't been much rockin' around since a few hardy souls braved the wilds of the Eagle River area (in the Copper Country) looking for the back way in the old Cliff Mine. The weather has finally managed to slow down even the craziest rockhound--at least your reporter has been getting very few reports of any activities.

Dudley Markert has arrived home for Christmas from Michigan State where he is studying civil engineering and geology along with it. He has promised us a short article.

Sunday, December 8, was the day of the Christmas Party. Marion Markert and her splendid hospitality committee produced a banquet "fit for a king". Roast turkey, baked ham and all the trimmings along with several dishes (homemade bread by our own Ruth Lawson and turnips a la Taine Kokko). Music by courtesy of Bob Weekley, Roy Hansen, and Keith Carlyon. Carol Kokko and committee added a Christmas touch to the occasion with gay and tasteful decorations. Over fifty members and guests, who either didn't hear or ignored the storm warnings, showed up with their "bragging" rocks and a good appetite. No one went home hungry. Gifts were exchanged and a regular "gab" session followed the meal. For a grand slam appetizer, Ed Carlyon sang "White Christmas". See what you missed--you, you, stay-at-homes?

Now is a sadder, more serious vein, our thoughts turn to Bob and Mary Lee Weekley who have left our fine community to journey

westward closer to the land of the Fairburn Agate. They will be in Sioux City, Iowa, where Bob will be assigned to the Sioux City Air Defense Sector. Well, our loss is Sioux City's gain. We'll miss you, Bob and Mary Lee. We'll miss the energetic fervor that Bob showed on the rock piles, the cheerful company of the Weekleys on our field trips, and--doggone it, Bob--we're going to miss and and your nice family. Godspeed to you, and don't forget us. Let's keep in contact.

Glenn Gregg is still collecting specimens and cutting material to trade with a lower Michigan club. No doubt there will be another shipment later, so keep this in mind. What you think of as plentiful here, might be just what would go well at an auction in lower Michigan.

Speaking of trading, all you old timers... Why not try an ad in the Jaspilite? The prices are reasonable, and who knows?.. the results might amaze you.

Here is a message to everyone in the club. In order to put some of the good ideas which have been started during the past year into operation, we need more ways to make money. Whether you are rockin' around out in the hills or down in your basement rock shop, keep notes of the money-making ideas for the club that come to your mind, and bring them up at a future meeting. Right now, we need money for display cases, so we can set up displays in our local schools. What are your ideas on how this can be done?

Edward Carlyon got his Christmas present early and we hear he's been making good use of it. He has added a diamond saw to his lapidary equipment.

Art and Olive Breaux are spending this Christmas digging agatized coral at Tampa Bay again.

Several of the club members have received word from Hetty Hawes who moved away from us a year ago. The next issue will carry a letter from her (we hope).

In Al Murray's article, he mentioned purchasing abalone shells which he hopes to polish. Take care, Al. Somewhere along the line in my gleanings, I read an article on polishing abalone shells. The

ROCKIN' AROUND (Continued)

material is supposed to be extremely poisonous (the dust raised from the grinding and polishing operations which you breathe in). People who earn a living polishing the shells do not live to a ripe old age. So--Al--we don't want to loose a good club member and friend like you. Be careful.

The following is a letter addressed to our club:

Dear Friends,

We miss you!! And we sure miss the meetings. The closest club is 30 miles from here in Downers Grove. Their meetings are on Friday night at 8 p.m. And Jim doesn't get home from work until 6:30 p.m. and it's pretty late for the kids. Most people here in Park Forest give me a blank look when I mention rocks. I have interested a neighbor and she loves to come and look at our minerals.

Have sent more meter men home with polished agates. When they come to read the gas and water meters, they all want to know what in the world our tumbler is, and so I have to take it apart and explain what's going on. Of course, I give them a sample. We will get people interested here yet.

I really miss my job as secretary. It was a lot of fun.

We hope you all have a wonderful Christmas and a very Happy New Year.

Love,

Jim, Mary and children.

This lovely letter from the Edwards is dated December 12, 1963. If you would like to write to them, here is their address: 304 Somonauk
Park Forest, Illinois 60466.

In closing, keep your editor informed of news happenings so that we can have a newsy, informative Rockin' Around section. All it takes is a telephone call or a note just a little time. Remember even if-- Old Rockhounds never die--they just Petrify.-

let's not let this happen to our club!

A note from the Editor:

As you have perceived by now, this is a Christmas issue of the Jaspilite - and you are reading it in January. Well, better late than never, I guess--or you could pretend it was a very, very early Christmas issue for 1964!

I made a valiant stab at getting it out before Christmas, but I didn't make it (most obvious). The time between Christmas and the New Year was so busy with holiday entertaining and visiting that I had no chance to get it out then. My first opportunity was after the New Year--and here it is at long last!

I sorry! You forgive me?

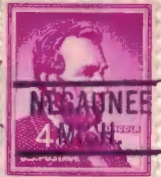
SOME MISLEADING NAMES APPLIED TO MATERIAL SOLD AS GEMS

"Indian jade" is green quartz.
"Indian topaz" is yellow quartz.
"Jewelers topaz" is yellow quartz.
"King topaz" is yellow quartz or corundum.
"Madeira topaz" is yellow quartz.
"Mexican jade" is zircon.
"Materia Diamond" is stained calcite.
"Occidental diamond" is quartz.
"Oriental alabaster" is calcite.
"Oriental amethyst" is pink corundum.
"Oriental aquamarine" is blue corundum.
"Oriental emerald" is green corundum.
"Oriental peridot" is green corundum.
"Peridot of Ceylon" is green tourmaline.
"Pomegranite ruby" is pink or red spinel.
"Quartz topaz" is yellow quartz.
"Rhine diamond" is beryl.
"Rubicelle" is pink or red spinel.

Paul L. V. Campo, Geologist from the Pendleton Polisher via Breccia via Geologem.

Be sure to attend the next club meeting on Sunday, January 19, at the Marquette Chamber of Commerce. The election of officers will be held at this meeting.

See you there!



AROUND (Continued)

It is supposed to be extremely fine (the dust raised from the polishing operations which people who earn a living polishing the wheels do not live to a ripe old age, 80-90-100-110-120-130-140-150-160-170-180-190-200-210-220-230-240-250-260-270-280-290-300-310-320-330-340-350-360-370-380-390-400-410-420-430-440-450-460-470-480-490-500-510-520-530-540-550-560-570-580-590-600-610-620-630-640-650-660-670-680-690-700-710-720-730-740-750-760-770-780-790-800-810-820-830-840-850-860-870-880-890-900-910-920-930-940-950-960-970-980-990-1000-1010-1020-1030-1040-1050-1060-1070-1080-1090-1100-1110-1120-1130-1140-1150-1160-1170-1180-1190-1200-1210-1220-1230-1240-1250-1260-1270-1280-1290-1300-1310-1320-1330-1340-1350-1360-1370-1380-1390-1400-1410-1420-1430-1440-1450-1460-1470-1480-1490-1500-1510-1520-1530-1540-1550-1560-1570-1580-1590-1600-1610-1620-1630-1640-1650-1660-1670-1680-1690-1700-1710-1720-1730-1740-1750-1760-1770-1780-1790-1800-1810-1820-1830-1840-1850-1860-1870-1880-1890-1900-1910-1920-1930-1940-1950-1960-1970-1980-1990-2000-2010-2020-2030-2040-2050-2060-2070-2080-2090-2100-2110-2120-2130-2140-2150-2160-2170-2180-2190-2200-2210-2220-2230-2240-2250-2260-2270-2280-2290-2300-2310-2320-2330-2340-2350-2360-2370-2380-2390-2400-2410-2420-2430-2440-2450-2460-2470-2480-2490-2500-2510-2520-2530-2540-2550-2560-2570-2580-2590-2600-2610-2620-2630-2640-2650-2660-2670-2680-2690-2700-2710-2720-2730-2740-2750-2760-2770-2780-2790-2800-2810-2820-2830-2840-2850-2860-2870-2880-2890-2900-2910-2920-2930-2940-2950-2960-2970-2980-2990-3000-3010-3020-3030-3040-3050-3060-3070-3080-3090-3100-3110-3120-3130-3140-3150-3160-3170-3180-3190-3200-3210-3220-3230-3240-3250-3260-3270-3280-3290-3300-3310-3320-3330-3340-3350-3360-3370-3380-3390-3400-3410-3420-3430-3440-3450-3460-3470-3480-3490-3500-3510-3520-3530-3540-3550-3560-3570-3580-3590-3600-3610-3620-3630-3640-3650-3660-3670-3680-3690-3700-3710-3720-3730-3740-3750-3760-3770-3780-3790-3800-3810-3820-3830-3840-3850-3860-3870-3880-3890-3900-3910-3920-3930-3940-3950-3960-3970-3980-3990-4000-4010-4020-4030-4040-4050-4060-4070-4080-4090-4100-4110-4120-4130-4140-4150-4160-4170-4180-4190-4200-4210-4220-4230-4240-4250-4260-4270-4280-4290-4300-4310-4320-4330-4340-4350-4360-4370-4380-4390-4400-4410-4420-4430-4440-4450-4460-4470-4480-4490-4500-4510-4520-4530-4540-4550-4560-4570-4580-4590-4600-4610-4620-4630-4640-4650-4660-4670-4680-4690-4700-4710-4720-4730-4740-4750-4760-4770-4780-4790-4800-4810-4820-4830-4840-4850-4860-4870-4880-4890-4900-4910-4920-4930-4940-4950-4960-4970-4980-4990-5000-5010-5020-5030-5040-5050-5060-5070-5080-5090-5100-5110-5120-5130-5140-5150-5160-5170-5180-5190-5200-5210-5220-5230-5240-5250-5260-5270-5280-5290-5300-5310-5320-5330-5340-5350-5360-5370-5380-5390-5400-5410-5420-5430-5440-5450-5460-5470-5480-5490-5500-5510-5520-5530-5540-5550-5560-5570-5580-5590-5600-5610-5620-5630-5640-5650-5660-5670-5680-5690-5700-5710-5720-5730-5740-5750-5760-5770-5780-5790-5800-5810-5820-5830-5840-5850-5860-5870-5880-5890-5900-5910-5920-5930-5940-5950-5960-5970-5980-5990-6000-6010-6020-6030-6040-6050-6060-6070-6080-6090-6100-6110-6120-6130-6140-6150-6160-6170-6180-6190-6200-6210-6220-6230-6240-6250-6260-6270-6280-6290-6300-6310-6320-6330-6340-6350-6360-6370-6380-6390-6400-6410-6420-6430-6440-6450-6460-6470-6480-6490-6500-6510-6520-6530-6540-6550-6560-6570-6580-6590-6600-6610-6620-6630-6640-6650-6660-6670-6680-6690-6700-6710-6720-6730-6740-6750-6760-6770-6780-6790-6800-6810-6820-6830-6840-6850-6860-6870-6880-6890-6900-6910-6920-6930-6940-6950-6960-6970-6980-6990-7000-7010-7020-7030-7040-7050-7060-7070-7080-7090-7100-7110-7120-7130-7140-7150-7160-7170-7180-7190-7200-7210-7220-7230-7240-7250-7260-7270-7280-7290-7300-7310-7320-7330-7340-7350-7360-7370-7380-7390-7400-7410-7420-7430-7440-7450-7460-7470-7480-7490-7500-7510-7520-7530-7540-7550-7560-7570-7580-7590-7600-7610-7620-7630-7640-7650-7660-7670-7680-7690-7700-7710-7720-7730-7740-7750-7760-7770-7780-7790-7800-7810-7820-7830-7840-7850-7860-7870-7880-7890-7900-7910-7920-7930-7940-7950-7960-7970-7980-7990-8000-8010-8020-8030-8040-8050-8060-8070-8080-8090-8100-8110-8120-8130-8140-8150-8160-8170-8180-8190-8200-8210-8220-8230-8240-8250-8260-8270-8280-8290-8300-8310-8320-8330-8340-8350-8360-8370-8380-8390-8400-8410-8420-8430-8440-8450-8460-8470-8480-8490-8500-8510-8520-8530-8540-8550-8560-8570-8580-8590-8600-8610-8620-8630-8640-8650-8660-8670-8680-8690-8700-8710-8720-8730-8740-8750-8760-8770-8780-8790-8800-8810-8820-8830-8840-8850-8860-8870-8880-8890-8900-8910-8920-8930-8940-8950-8960-8970-8980-8990-9000-9010-9020-9030-9040-9050-9060-9070-9080-9090-9100-9110-9120-9130-9140-9150-9160-9170-9180-9190-9200-9210-9220-9230-9240-9250-9260-9270-9280-9290-9300-9310-9320-9330-9340-9350-9360-9370-9380-9390-9400-9410-9420-9430-9440-9450-9460-9470-9480-9490-9500-9510-9520-9530-9540-9550-9560-9570-9580-9590-9600-9610-9620-9630-9640-9650-9660-9670-9680-9690-9700-9710-9720-9730-9740-9750-9760-9770-9780-9790-9800-9810-9820-9830-9840-9850-9860-9870-9880-9890-9900-9910-9920-9930-9940-9950-9960-9970-9980-9990-10000-10010-10020-10030-10040-10050-10060-10070-10080-10090-10100-10110-10120-10130-10140-10150-10160-10170-10180-10190-10200-10210-10220-10230-10240-10250-10260-10270-10280-10290-10300-10310-10320-10330-10340-10350-10360-10370-10380-10390-10400-10410-10420-10430-10440-10450-10460-10470-10480-10490-10500-10510-10520-10530-10540-10550-10560-10570-10580-10590-10600-10610-10620-10630-10640-10650-10660-10670-10680-10690-10700-10710-10720-10730-10740-10750-10760-10770-10780-10790-10800-10810-10820-10830-10840-10850-10860-10870-10880-10890-10900-10910-10920-10930-10940-10950-10960-10970-10980-10990-11000-11010-11020-11030-11040-11050-11060-11070-11080-11090-11100-11110-11120-11130-11140-11150-11160-11170-11180-11190-11200-11210-11220-11230-11240-11250-11260-11270-11280-11290-11300-11310-11320-11330-11340-11350-11360-11370-11380-11390-11400-11410-11420-11430-11440-11450-11460-11470-11480-11490-11500-11510-11520-11530-11540-11550-11560-11570-11580-11590-11600-11610-11620-11630-11640-11650-11660-11670-11680-11690-11700-11710-11720-11730-11740-11750-11760-11770-11780-11790-11800-11810-11820-11830-11840-11850-11860-11870-11880-11890-11900-11910-11920-11930-11940-11950-11960-11970-11980-11990-12000-12010-12020-12030-12040-12050-12060-12070-12080-12090-12100-12110-12120-12130-12140-12150-12160-12170-12180-12190-12200-12210-12220-12230-12240-12250-12260-12270-12280-12290-12300-12310-12320-12330-12340-12350-12360-12370-12380-12390-12400-12410-12420-12430-12440-12450-12460-12470-12480-12490-12500-12510-12520-12530-12540-12550-12560-12570-12580-12590-12600-12610-12620-12630-12640-12650-12660-12670-12680-12690-12700-12710-12720-12730-12740-12750-12760-12770-12780-12790-12800-12810-12820-12830-12840-12850-12860-12870-12880-12890-12900-12910-12920-12930-12940-12950-12960-12970-12980-12990-13000-13010-13020-13030-13040-13050-13060-13070-13080-13090-13100-13110-13120-13130-13140-13150-13160-13170-13180-13190-13200-13210-13220-13230-13240-13250-13260-13270-13280-13290-13300-13310-13320-13330-13340-13350-13360-13370-13380-13390-13400-13410-13420-13430-13440-13450-13460-13470-13480-13490-13500-13510-13520-13530-13540-13550-13560-13570-13580-13590-13600-13610-13620-13630-13640-13650-13660-13670-13680-13690-13700-13710-13720-13730-13740-13750-13760-13770-13780-13790-13800-13810-13820-13830-13840-13850-13860-13870-13880-13890-13900-13910-13920-13930-13940-13950-13960-13970-13980-13990-14000-14010-14020-14030-14040-14050-14060-14070-14080-14090-14100-14110-14120-14130-14140-14150-14160-14170-14180-14190-14200-14210-14220-14230-14240-14250-14260-14270-14280-14290-14300-14310-14320-14330-14340-14350-14360-14370-14380-14390-14400-14410-14420-14430-14440-14450-14460-14470-14480-14490-14500-14510-14520-14530-14540-14550-14560-14570-14580-14590-14600-14610-14620-14630-14640-14650-14660-14670-14680-14690-14700-14710-14720-14730-14740-14750-14760-14770-14780-14790-14800-14810-14820-14830-14840-14850-14860-14870-14880-14890-14900-14910-14920-14930-14940-14950-14960-14970-14980-14990-15000-15010-15020-15030-15040-15050-15060-15070-15080-15090-15100-15110-15120-15130-15140-15150-15160-15170-15180-15190-15200-15210-15220-15230-15240-15250-15260-15270-15280-15290-15300-15310-15320-15330-15340-15350-15360-15370-15380-15390-15400-15410-15420-15430-15440-15450-15460-15470-15480-15490-15500-15510-15520-15530-15540-15550-15560-15570-15580-15590-15600-15610-15620-15630-15640-15650-15660-15670-15680-15690-15700-15710-15720-15730-15740-15750-15760-15770-15780-15790-15800-15810-15820-15830-15840-15850-15860-15870-15880-15890-15900-15910-15920-15930-15940-15950-15960-15970-15980-15990-16000-16010-16020-16030-16040-16050-16060-16070-16080-16090-16100-16110-16120-16130-16140-16150-16160-16170-16180-16190-16200-16210-16220-16230-16240-16250-16260-16270-16280-16290-16300-16310-16320-16330-16340-16350-16360-16370-16380-16390-16400-16410-16420-16430-16440-16450-16460-16470-16480-16490-16500-16510-16520-16530-16540-16550-16560-16570-16580-16590-16600-16610-16620-16630-16640-16650-16660-16670-16680-16690-16700-16710-16720-16730-16740-16750-16760-16770-16780-16790-16800-16810-16820-16830-16840-16850-16860-16870-16880-16890-16900-16910-16920-16930-16940-16950-16960-16970-16980-16990-17000-17010-17020-17030-17040-17050-17060-17070-17080-17090-17100-17110-17120-17130-17140-17150-17160-17170-17180-17190-17200-17210-17220-17230-17240-17250-17260-17270-17280-17290-17300-17310-17320-17330-17340-17350-17360-17370-17380-17390-17400-17410-17420-17430-17440-17450-17460-17470-17480-17490-17500-17510-17520-17530-17540-17550-17560-17570-17580-17590-17600-17610-17620-17630-17640-17650-17660-17670-17680-17690-17700-17710-17720-17730-17740-17750-17760-17770-17780-17790-17800-17810-17820-17830-17840-17850-17860-17870-17880-17890-17900-17910-17920-17930-17940-17950-17960-17970-17980-17990-18000-18010-18020-18030-18040-18050-18060-18070-18080-18090-18100-18110-18120-18130-18140-18150-18160-18170-18180-18190-18200-18210-18220-18230-18240-18250-18260-18270-18280-18290-18300-18310-18320-18330-18340-18350-18360-18370-18380-18390-18400-18410-18420-18430-18440-18450-18460-18470-18480-18490-18500-18510-18520-18530-18540-18550-18560-18570-18580-18590-18600-18610-18620-18630-18640-18650-18660-18670-18680-18690-18700-18710-18720-18730-18740-18750-18760-18770-18780-18790-18800-18810-18820-18830-18840-18850-18860-18870-18880-18890-18900-18910-18920-18930-18940-18950-18960-18970-18980-18990-19000-19010-19020-19030-19040-19050-19060-19070-19080-19090-19100-19110-19120-19130-19140-19150-19160-19170-19180-19190-19200-19210-19220-19230-19240-19250-19260-19270-19280-19290-19300-19310-19320-19330-19340-19350-19360-19370-19380-19390-19400-19410-19420-19430-19440-19450-19460-19470-19480-19490-19500-19510-19520-19530-19540-19550-19560-19570-19580-19590-19600-19610-19620-19630-19640-19650-19660-19670-19680-19690-19700-19710-19720-19730-19740-19750-19760-19770-19780-19790-19800-19810-19820-19830-19840-19850-19860-19870-19880-19890-19900-19910-19920-19930-19940-19950-19960-19970-19980-19990-20000-20010-20020-20030-20040-20050-20060-20070-20080-20090-20100-20110-20120-20130-20140-20150-20160-20170-20180-20190-20200-20210-20220-20230-20240-20250-20260-20270-20280-20290-20300-20310-20320-20330-20340-20350-20360-20370-20380-20390-20400-20410-20420-20430-20440-20450-20460-20470-20480-20490-20500-20510-20520-20530-20540-20550-20560-20570-20580-20590-20600-20610-20620-20630-20640-20650-20660-20670-20680-20690-20700-20710-20720-20730-20740-20750-20760-20770-20780-20790-20800-20810-20820-20830-20840-20850-20860-20870-20880-20890-20900-20910-20920-20930-20940-20950-20960-20970-20980-20990-21000-21010-21020-21030-21040-21050-21060-21070-21080-21090-21100-21110-21120-21130-21140-21150-21160-21170-21180-21190-21200-21210-21220-21230-21240-21250-21260-21270-21280-21290-21300-21310-21320-21330-21340-21350-21360-21370-21380-21390-21400-21410-21420-21430-21440-21450-21460-21470-21480-21490-21500-21510-21520-21530-21540-21550-21560-21570-21580-21590-21600-21610-21620-21630-21640-21650-21660-21670-21680-21690-21700-21710-21720-21730-21740-21750-21760-21770-21780-21790-21800-21810-21820-21830-21840-21850-21860-21870-21880-21890-21900-21910-21920-21930-21940-21950-21960-21970-21980-21990-22000-22010-22020-22030-22040-22050-22060-22070-22080-22090-22100-22110-22120-22130-22140-22150-22160-22170-22180-22190-22200

MIDWEST FEDERATIONS "LETTER-A-MONTH"
December, 1963

COUPONS FOR SCHOLARSHIP

\$50,000 is needed for the American Federation's scholarship fund. Yet, after four years the fund has not reached \$3,000. Discouraging? No!!!

Our hopes are higher than ever, for General Mills, home of Betty Crocker food products, has promised to give the American Federation 1/2¢ for its scholarship fund for each Betty Crocker coupon turned in by the AFMS.

There are nearly 50,000 members in the AFMS and if 200 coupons or \$1.00 is turned in by each one of us, we will have raised the \$50,000.

We owe a debt to the professional earth scientists who generously share their knowledge with us and there is no better way to pay this debt than by helping educate future earth scientists. This is why the American Federation is getting up the scholarship foundation which will annually award a scholarship to a student who is working toward his master's degree in the earth sciences.

The gift you give to the scholarship fund whether it be coupons or cash, will be a perpetual gift for the original sum will be never be spent, only the earnings on its investment will be used for the annual scholarship. Thus, the gift you give will serve the cause of education year after year, and God willing, century after century.

Betty Crocker coupons mount up fast! They come with over 50 General Mills products: Gold Medal Flour, Soft-a-Silk Cake Flour, Bisquick, Betty Crocker Cake and Frosting Mixes, Cheerios, Wheaties, Kix, Total, Country Corn Flakes, all Big G cereals, Betty Crocker Potato Products, Betty Crocker Noodles Romanoff, Betty Crocker Refrigerated products, 3 Little Kittens Cat food, Red Band Flour, Sperry Drifted Snow Flour, and many more.

Start saving Betty Crocker coupons today! Your neighbors and relatives will be pleased to help you save for so worthy a cause.

The central collecting point in the American Federation for Betty Crocker coupons for scholarship fund is "W. H. deNeui, 6600 Cornelia Drive, Minneapolis, Minnesota, 55424." Each society is urged to act as a local collecting point and forward coupons to Mr. deNeui.

We urge you to join us in this worthy cause for the gift of knowledge is the finest gift you can give. If you cannot give money, you can give coupons.

Bernice L. Rexin, Chairman
Coupons for Scholarship.

* * *

ENJOYING OUR NEIGHBORS

There are many ways in which we can enjoy our neighbors and hobby more. Of course the best way is to Know Your Neighbor Better. How can we do this?

In some areas this is being done by clubs and societies combining their efforts in order to put on larger and more educational shows. This has been done successfully in the Kansas City area, Milwaukee, Bloomington, Minnesota, and many other sectors. Contact your neighboring clubs and learn how your ideas and activities can be coordinated so that your members get to know each other better.

Another idea worth passing on is combining your bulletin with a neighboring group so that both organizations know what happened during the year. The Des Moines Lapidary Society and the Central Iowa Mineral Society have done this once a year with very favorable comments.

Rock Swaps as hosted this past year by the State Line Club of Michigan are becoming very popular. Probably the first held in the MWF, has become an annual affair sponsored by the Sac and Fox Lapidary Club of Oskaloosa, Iowa. Here you can enjoy your hobby by swapping and camping with your friends. They have completely avoided commercialism as there is nothing for sale, just have fun.

Naturally we should all realize that just visiting a show or swap session is not enough. There would be no show to see if you did not exhibit as well as visit.

APPLICATION FOR SPACE ON "THE CALENDAR OF EVENTS 1964"

Field Trip Coordinator
Midwest Federation

Dear Sir:

Our club is planning on a ___ day field trip during the days of
_____, 1964 (1st choice)
_____, 1964 (2nd choice)

and we are hereby issuing this invitation to all visiting rockhounds to join us during this field trip.

We understand that lodgings and meals are to be arranged by the visiting collector. Any person or persons planning on attending our field trips listed below are required to notify our club secretary, whose name is listed below, at least 5 days previous to our outing. This information is needed as we can only handle _____ persons and special considerations must be shown quarry owners and other property owners with regards to releases and such matters.

Address correspondence to:

(Mr., Mrs., Miss) _____ Secretary
_____ Club

Address _____
City _____ Zone _____ State _____

The FIELD TRIP will depart from _____ (city) _____ (place) at _____ (a.m., p.m.). We expect to collect the following items, _____ . BE PROMPT, we leave on time.

Our club gem show is scheduled for _____, 1964. It will be held in the _____ (building), _____ (city), (address) _____. For information contact club Secretary, whose name is listed above.

Sincerely,

_____, Pres.
_____ Club

P.S. A sample of Indemnity release form is ___ or is not ___ hereby requested.

...TO THE GREAT SOUTHWEST (Continued)

Leaving Capistrano, we went back to L.A. and on to Disneyland. Everything that is said about Disneyland is true and a lot more. This is the most fantastic, fabulous place that has ever been conceived. An adequate description of Disneyland would take too much space, so I will just say it is wonderful and let it go at that.

On our way to Marineland of the Pacific, Palos Verdes, California, we passed the Wayfarers Chapel which was designed and built by the famous architect, Frank Lloyd Wright, a man whose work Albert greatly admires. We spent several pleasant hours watching the aquatic acrobatics of porpoises, whales, and other denizens of the oceans. Then we were on our way again to L.A. We went to Hollywood, and to Grauman's Chinese Theatre to see the footprints and names in concrete. Into the sidewalks all down the main drag are set the names of famous entertainers of stage, screen, radio, and T.V.

Studio City, Ventura, Santa Barbara, Santa Maria, King City, Gilroy, San Francisco. San Francisco is a very beautiful city with pastel-colored buildings set in neat rows on the hillsides. Delightfully cool after the oppressing heat of the desert areas we had passed through. We watched the fog drift in from the ocean and silently close off the view as we went down to the Fishermans Wharf. A sidewalk mart area where fresh fish and sea foods setting in pans of ice are sold on the sidewalks. The scene can be likened to a carnival with the crowds bustling along between the counters with their souvineers and sea foods. I bought 3 abalone shells, beautifully irridescent and of many colors. Good cutting material, I hope.

We had a delightful seafood dinner after which we left to cross the Golden Gate Bridge and drove out to Muir Woods to see giant redwoods which were large even before the middle ages. Back across the Richmond Bridge and on to Vallejo where we spent the night. Mileage-8908, and 4595 miles out of Escanaba.

From Vallejo we went on through Sacramento and Auburn, across the state line from California into Nevada at which point we

picked up some gray granite, then to Last Chance and Reno. We camped that night at 102 Trailer Court a part of 102 Ranch.

Many towns later, we came to Battle Mountain, Nevada and Todds Rock Shop. At this point, we still had a couple of boxes of trading material and we swapped all we had left. Among the material which we got in trade was 20 lbs. of agate, obsidian, turquoise, odontolite, jasper, and host of others. The Todds are silversmiths of the first water. They have a beautiful array of handcrafted pieces mostly set with turquoise. Every piece of jewelry they design is different. They make the settings to fit the stones, and the personality of their customers. While we were there, they told us of several locations where we could collect. After leaving Battle Mountain, we continued to Wells, Nevada, and stayed at Smittys Motel.

Wednesday, August 7. We have been traveling over three weeks now, but we are homeward bound. After passing through Jackpot, Nevada, we crossed the state line from Nevada to Idaho. Four miles after the state line, we stopped to dig fluorescent calcedony geodes in perlite from a roadcut which the Todds had told us about. We went on to Idaho Falls for the night.

to be concluded. Albert Murray, Sr.

Behold the Rockhound.

He riseth up early in the morning,
And disturbs the whole household.
Mighty are his preparations.
He goeth forth with tolls, bags and maps
Day is far spent ere he cometh back.
Blistered are his hands and feet,
And he has rocks for throwing and keepin.

Albert Murray, Sr.

Copper, initially found on Cyprus, gets its name from that island. The Romans called the metal "aes cyprium" or Cypriar metal. Later usage changed it to "cuprum" and then to copper.

via Dec. 1963 Magma



ROCKIN' AROUND by Roy Hansen

Believe it or not--there hasn't been much rockin' around since a few hardy souls braved the wilds of the Eagle River area (in the Copper Country) looking for the back way in the old Cliff Mine. The weather has finally managed to slow down even the craziest rockhound--at least your reporter has been getting very few reports of any activities.

Dudley Markert has arrived home for Christmas from Michigan State where he is studying civil engineering and geology along with it. He has promised us a short article.

Sunday, December 8, was the day of the Christmas Party. Marion Markert and her splendid hospitality committee produced a banquet "fit for a king". Roast turkey, baked ham and all the trimmings along with several dishes (homemade bread by our own Ruth Lawson and turnips a la Taine Kokko). Music by courtesy of Bob Weekley, Roy Hansen, and Keith Carlyon. Carol Kokko and committee added a Christ-massey touch to the occasion with gay and tasteful decorations. Over fifty members and guests, who either didn't hear or ignored the storm warnings, showed up with their "bragging" rocks and a good appetite. No one went home hungry. Gifts were exchanged and a regular "gab" session followed the meal. For a grand slam appetizer, Ed Carlyon sang "White Christmas". See what you missed--you, you, stay-at-homes?

Now is a sadder, more serious vein, our thoughts turn to Bob and Mary Lee Weekley who have left our fine community to journey

westward closer to the land of the Fairburn Agate. They will be in Sioux City, Iowa, where Bob will be assigned to the Sioux City Air Defense Sector. Well, our loss is Sioux City's gain. We'll miss you, Bob and Mary Lee. We'll miss the energetic fervor that Bob showed on the rock piles, the cheerful company of the Weekleys on our field trips, and--doggone it, Bob--we're going to miss and and your nice family. Godspeed to you, and don't forget us. Let's keep in contact.

Glenn Gregg is still collecting specimens and cutting material to trade with a lower Michigan club. No doubt there will be another shipment later, so keep this in mind. What you think of as plentiful here, might be just what would go well at an auction in lower Michigan.

Speaking of trading, all you old timers... Why not try an ad in the Jaspilite? The prices are reasonable, and who knows?.. the results might amaze you.

Here is a message to everyone in the club. In order to put some of the good ideas which have been started during the past year into operation, we need more ways to make money. Whether you are rockin' around out in the hills or down in your basement rock shop, keep notes of the money-making ideas for the club that come to your mind, and bring them up at a future meeting. Right now, we need money for display cases, so we can set up displays in our local schools. What are your ideas on how this can be done?

Edward Carlyon got his Christmas present early and we hear he's been making good use of it. He has added a diamond saw to his lapidary equipment.

Art and Olive Breau are spending this Christmas digging agatized coral at Tampa Bay again.

Several of the club members have received word from Hetty Hawes who moved away from us a year ago. The next issue will carry a letter from her (we hope).

In Al Murray's article, he mentioned purchasing abalone shells which he hopes to polish. Take care, Al. Somewhere along the line in my gleanings, I read an article on polishing abalone shells. The

DOWN FROM THE NORTH TO THE GREAT SOUTH-
WEST (Continued)

The day was ending as we approached the car and trailer. I had a great disappointment as I saw the flat tire on the trailer and we had no spare. To make matters worse, there is no service station at the south entrance through which we were to leave, and Holbrook was some 20 miles away. I looked up a park ranger and he helped us by hooking up a compressor so that we could get air in the tire. I had to drive on the flat about a block in order to get the air and the tire shifted around on the rim making it necessary to raise the trailer and slide the tire around till the valve stem was straight. After inflating the tire we could hear the air leaking out so we hurried on our way to Holbrook and were lucky enough to get there before the air was all gone. These are the times when the park rangers are really appreciated.

After having the tire repaired, we continued on to Joseph City where we stayed at the Concho Motel. While we were there, I questioned a young attendant at the gas station as to where we could look for petrified wood out in the desert. The directions were very simple. Three miles east to the big power line, and then north on a service road and be sure to close the gate. Well, we started into the desert and there were small pieces of petrified wood everywhere, but mostly full of fractures. About a half mile on the service road and we came to a rock outcrop over which the road was built. The rise was so steep that the road could not be seen over the hood of the car so Ron went ahead to direct me. At one point the road made a sharp left turn to avoid a drop-off of about 6 to 8 feet which the driver could not see. In less than a block we were back on the floor of the desert again. We passed a large petrified log about 4 feet in diameter and 10 or 12 feet long which someone had dug up with a bulldozer, but the color was not good so it's still there. We continued on the service road over several more rock outcrops and finally came to a flat topped rock big enough and flat enough to turn around on. At this point, we parked and scattered out to look for wood. I went to the east over a rise a couple blocks from the car and found a tree

length of log the top of which was gone, but that part which was in the ground was still there. I took my hammer and started to dig and pound. I managed to get loose more than I could carry in my arms and I hadn't brought a bag with me, so I took off my shirt, piled the rocks on and headed back to the car with my load. The boys and my wife had found more wood in other directions. We made a pail of lemonade and started back for the highway. Although the temperature was way over 100° in the desert, you do not perspire. The air is so dry that any moisture evaporates immediately. When we came in view of the highway again, I was greatly relieved because I was somewhat concerned over the possibility of a breakdown miles and miles into the desert on a road that might not be used all of once a month, and I did not relish the thought of walking out for help.

After leaving the desert area, we started out for the Grand Canyon arriving around supper time. There had been a gradual change from desert to timber land. Here there were huge pine trees and park-like areas and somewhat cooler temperatures. The campground was filled so we were sent to the overflow campground at the village picnic area. There is no charge in this campground and the entrance fee to the Grand Canyon is only \$1. At this time we had traveled 3,232 miles since leaving home.

The park road is built along the edge of the canyon with lookout points at every possible place where there is a view and we went from one end to the other stopping dozens of times. The views are truly spectacular.

Located in the middle of the park is "The Little Orphan Uranium Mine" which we visited. The surface area of this mine is quite small, and enclosed by a high wooden fence which is thoroughly posted with "No Admittance" and "No Trespassing" signs. Walking past these signs, the boys and I went to the office to request permission to look for minerals. We were reminded by the lady in the office that we were in a private area, but after a bit of talking she granted us permission to take some specimens from their ore pile. Ron went back to the car for the scintillator so



AROUND (Continued)

It is supposed to be extremely
the dust raised from the
to get polishing operations which
People who earn a living
the whole do not live to a
the old age. So--A--we don't want to
know a good club member and friend like
you. Be careful.

The following is a letter addressed to
our club:

Dear Friends,

We miss you!! And we sure miss the meet-
ings. The closest club is 30 miles from
here in Downers Grove. Their meetings
are on Friday night at 8 p.m. And Jim
doesn't get home from work until 6:30 p.m.
and it's pretty late for the kids. Most
people here in Park Forest give me a
blank look when I mention rocks. I have
interested a neighbor and she loves to
come and look at our minerals.

Have sent more meter men home with polish-
ed agates. When they come to read the
gas and water meters, they all want to
know what in the world our meter is, and
so I have to take it apart and explain
what's going on. Of course, I give them
a sample. We will get people interested
here yet.

I really miss my job as secretary. It
was a lot of fun.
I hope you are having a wonderful Christ-
mas and a very happy New Year.
Love,
Jim, Mary and
children.
This lovely letter from the Edwards is
dated December 12, 1963. If you would
like to write to them, here is their
address: 304 Semmons
Park Forest, Illinois 60466.

In closing, keep your editor informed of
news happenings so that we can have a
newspaper, informative Rockin' Around section.
All it takes is a telephone call or a note
just a little time. Remember even if--
Old Rockhounds never die--they just hibernate.

let's not let this happen to our club!

ISHPEMING ROCK AND MINERAL CLUB BOX 102 ISHPEMING MICH

As you have noticed, we are having a
Christmas season for 1964!
could pretend it was a very, very early
better late than never, I guess--or you
you are reading it in January. Well,
the facilities - and

I made a valiant stab at getting it out
before Christmas, but I didn't make it
(most obvious). The time between
Christmas and the New Year was so busy
with holiday entertaining and visiting
that I had no chance to get it out then.
My first opportunity was after the New
Year--and here it is at long last!

I sorry! You forgive me?

SOME MISREADING NAMES APPLIED TO MATERIAL
SOLD AS GEMS

- "Indian Jade" is green quartz.
- "Indian opals" is yellow quartz.
- "Lawlars opals" is yellow quartz.
- "King opals" is yellow quartz or garnet.
- "Madras opals" is yellow quartz.
- "Mexican Jade" is silicon.
- "Mazda Diamond" is stained calcite.
- "Occidental diamond" is quartz.
- "Oriental alabaster" is calcite.
- "Oriental amethyst" is pink corundum.
- "Oriental emerald" is blue corundum.
- "Oriental emerald" is green corundum.
- "Oriental opaloid" is green corundum.
- "Peridot of Ceylon" is green tourmaline.
- "Pomegranate Ruby" is pink or red spinel.
- "Quartz opals" is yellow quartz.
- "Rhine diamond" is beryl.
- "Rubicelle" is pink or red spinel.

Paul L. V. Camp, Geolo-
gist from the Penitentiary
Polisher via Brescia via
Geologian.

Be sure to attend the next club meeting
on Sunday, January 19, at the Marquette
Clubhouse of Commerce. The election of
officers will be held at this meeting.

See you there!

A MESSAGE FROM THE PRESIDENT

A Good Year

1963 is nearly over. It has been a good year of friends made, field-trips enjoyed, meetings of business and fun. We have had members move to new places and we hope that they remember us with pleasant thoughts of times together. We have been joined by new members with interests and hobbies which have made our times pleasant. Yes, it has been a good year and we have the memory pictures to prove it.

There is no one time, trip, or doing which stands out above all others. On the hills at Rockland I see busy diggers at the Minnesota, the Michigan, Bumble Bee and Caledonia rock piles. Stone hammars, copper, prehnite, epidote, datolite, calcite and thomsonite--they were all there in varying amounts--enough at least to encourage the groups. There would have been rare treasures for collectors from other parts of the country. It was fun and next year we will be back.

We had trips to Vermilion Beach on Superior for agates; to the Cliff Mine in the Keweenaw; to local areas at the Champion and the Ohio; even a "quickie" right in town. Many stones were turned and some several times. Individual trips covered the country. Al Murray and family even covered the Southwest. It had to be a good year--we are here to prove it--along with our newly collected specimens.

We left some unfinished business--the new constitution is nearly finished (in order to be right it took a great deal of work), our education program fell behind (money is always a problem--the securing of it, that is), our job of arranging, cataloging and labeling our club display somehow never got off the ground--it's still there and will be an enjoyable winter's job.

Our hobby is growing. Did you know that 28% of all the people stopping

for information at the State Highway Dept. information centers were interested in rocks? Michigan is still the best place to look and to find the greatest variety. This means more tourist business and more friends with whom to share our experiences.

We start a new year next week. What will it mean to you? Mostly what you put into it--your thought your efforts, your dreams. Put these to the best use and your year will be a good one. Remember each year we have one less to enjoy--take the best from each one. Help give the best to others so that they, too, can share in your enjoyment.

Merry Christmas to each and every one of you. May next year be only one of the many fine ones ahead.

Glenn Gregg

* * *

HOW TRUE

There are agates in the ash trays
(Some cabs I made myself)
Geodes underneath the bed
Fossils on the shelf.
Can't get the dishes in the cupboard
(Got to save room for the rough)
Or coffee in the cannister
(It's full of tumbled stuff)
We haven't got a fancy car
Or a pair of decent socks
Or pockets bulging out with dough.
But we have got rocks!!!

by Helen Turner
Reprint from The Earth Science
News via Dec. 1963 Rock Lore.

* * *

A precious gem cannot be polished without rubbing nor a man's character perfected without trials.

from The Template
via Dec. 1963
Geologem.

* * *

