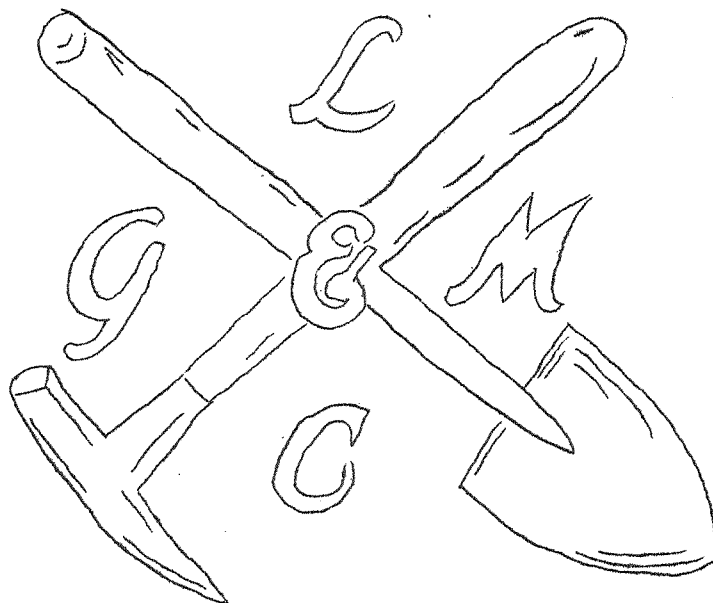


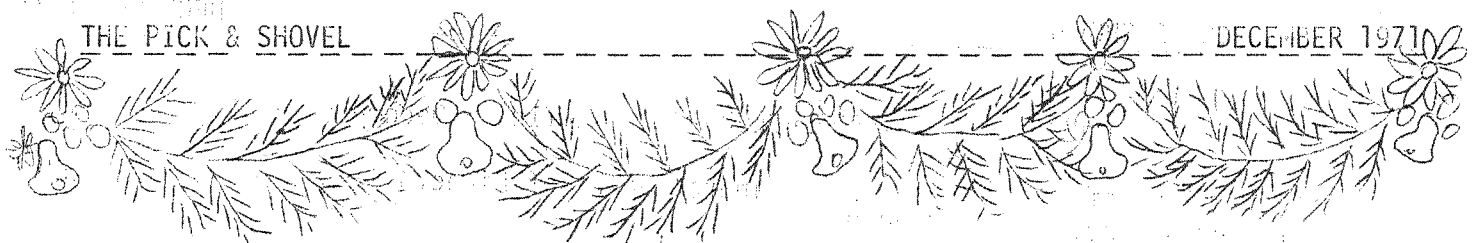
THE PICK & SHOVEL



Official Publication of
THE LINCOLN GEM AND MINERAL CLUB, INC.
P. O. Box 5342
Lincoln, Nebraska 68505

DEC 1971

Members of
Midwest Federation of Mineralogical and Geological Societies
American Federation of Mineralogical Societies
Nebraska State Association of Earth Science Clubs, Inc.
Community Arts Council of Lincoln



Merry Christmas

from your 1971 LGHC officers:

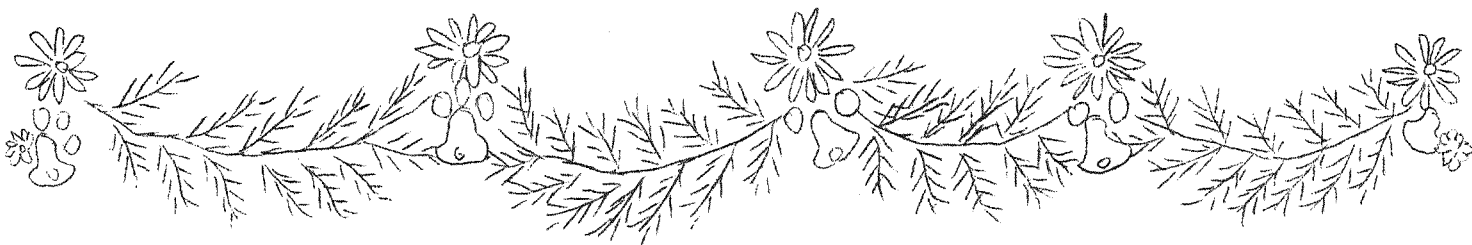
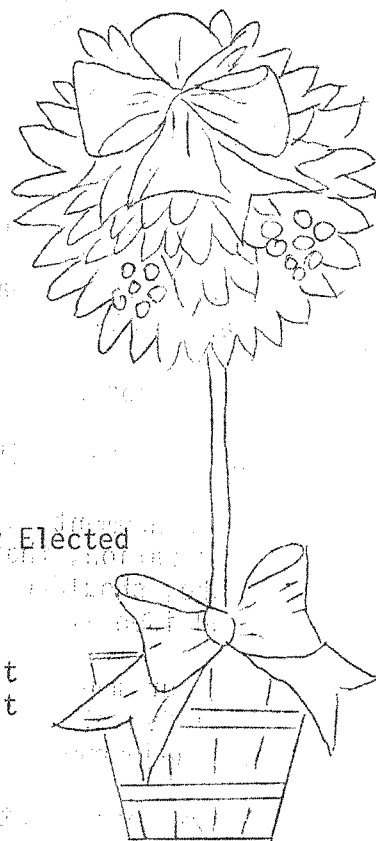
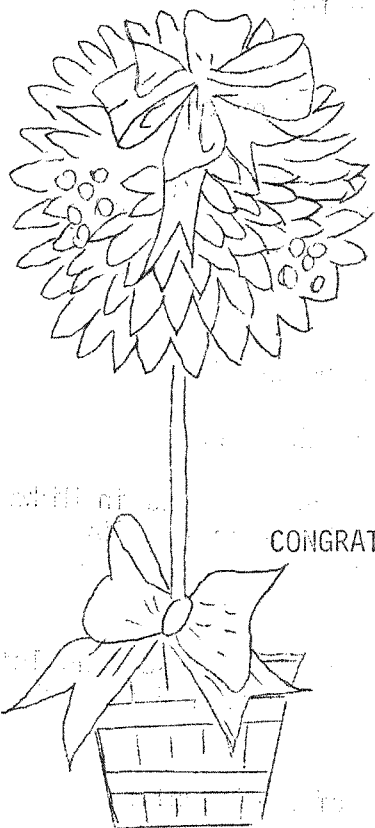
- Phyllis Parks
- Marie Wells
- Roger Pabian
- Evelyn Ulrich
- Ralph Ulrich
- Irl Everett
- Don Lawson
- George McGinnis
- Jim Parks

CONGRATULATIONS AND BEST WISHES to the Newly Elected
1972 Board of Directors

- Marie Wells - - - - President
- Roger Pabian - - - - 1st Vice-President
- Ralph Ulrich - - - - 2nd Vice-President
- Luella Paul - - - - Secretary
- Fred Day - - - - Treasurer

Board Members

- Irl Everett
- Tom Simmons
- Jim Parks
- Howard Taylor



MINUTES OF LINCOLN GEM & MINERAL CLUB BOARD MEETING - December 17, 1971

The meeting of the Lincoln Gem & Mineral Board of Directors was held at the Anderson Library on Dec. 13, at 7:30 PM.

The following members were present: Phyllis Parks, Marie Wells, Roger Pabian, Ralph Ulrich, Jim Parks, Don Lawson, Tom Simmons, Howard Taylor, George McGinnis and Irl Everett.

Board Members Elect present were: Fred Day and Luella Paul.

Visitors: Norma Miller, Marie Taylor, Glenna McGinnis, Stan Greenwade, Pat Lawson and Willie Lawson.

The minutes of the November meeting were read and approved.

The treasurer's report was given and bills presented, and approved.

New members approved were Gerald and Shirley Wiltse, and Larry and Marita Bigley and family, and Dan Sybouts. Motion was made by Irl Everett and seconded by Don Lawson, motion carried.

Appointed one man committee, namely Stan Greenwade reported on costs for membership badges.

The location for Rock Swap is in question, Howard Taylor requested suggestions.

Contract for lease of W.O.W. Hall was presented, to be signed by President Elect, Marie Wells.

\$4.00 postage was allowed for membership cards to Pat Lawson, Chr.

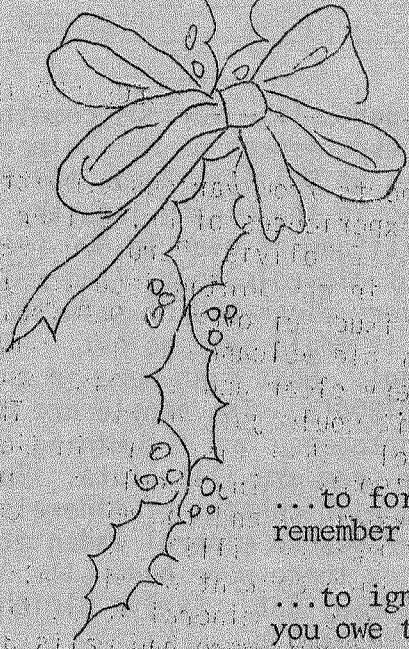
Roger Pabian, 1972 Show Chairman, presented a tentative show budget.

Announcement was made by Howard Taylor, State Director for Nebraska in Midwest Federation, that cabochons are needed for the American Federation's 25th Anniversary cake, should be made of Nebraska material and the correct data as to the material and identification, and it will later be placed in the Smithsonian Institute.

Procurement of rubber stamps advertising the 1974 Show was discussed and left with Irl Everett for further action. Motion made, seconded and carried that the meeting be adjourned.

Next board meeting will be held Jan. 13th at the home of Marie Wells.

-Luella S. Paul, Secy. Protem



I would like to share with you
a short verse written by
Henry Van Dyke:

ARE YOU WILLING . . .

...to forget what you have done for other people, and to remember what other people have done for you;

...to ignore what the world owes you, and to think what you owe the world;

...to put your rights in the background, and your duties in the middle distance, and your chances to do a little more than your duty in the foreground;

...to see that your fellowmen are just as real as you are, and try to look behind their faces to their hearts, hungry for joy;

...to own that probably the only good reason for your existence is not what you are going to get out of life, but what you are going to give to life;

...to close your book of complaints against the management of the universe and look around you for a place where you can sow a few seeds of happiness - are you willing to do these things even for a day?

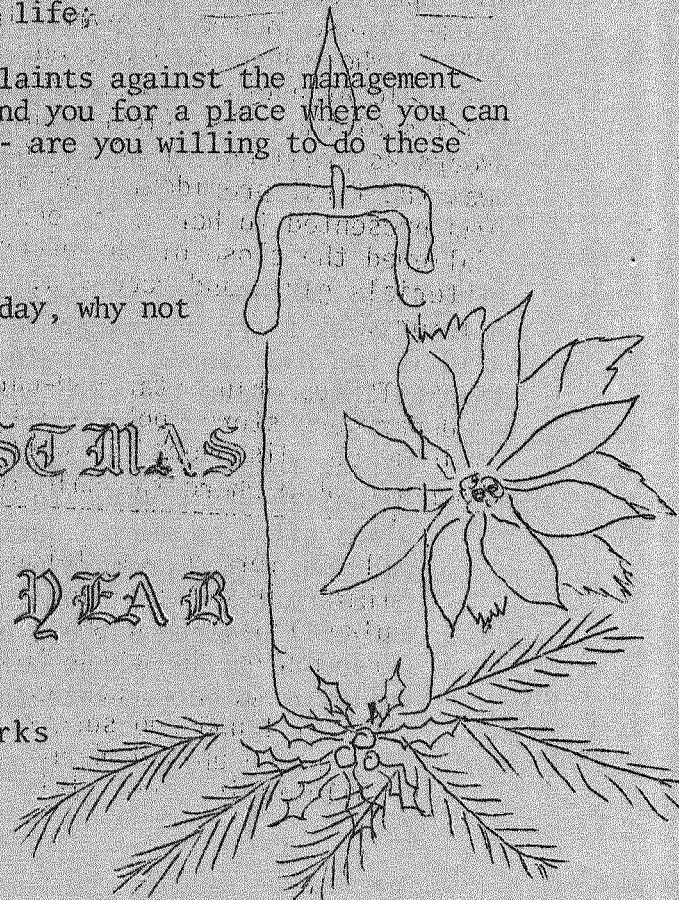
Then you can keep Christmas.

And if you can keep it for a day, why not for always?

MERRY CHRISTMAS

HAPPY NEW YEAR

Phyllis Parks



LAST MONTH...After a short business meeting and reports from various committees we were presented a factual and informative talk on the experiences of Mr. Delmer Motycka of the State Highway Dept. He also showed some slides of Bolivia, Peru, the Panama Canal and the Caribbean Sea. He explained that he was in the mining industry for three years in Bolivia and lived most of that time at an altitude of over 15,000 feet as the tin mines are located in the high peaks in remnants of old volcanoes. The mill itself was at an altitude of 13,000 ft. The air there was very clear and he said that to keep a cigarette lit one had to continually puff on it or it would just go out.. The people living in the area raised sheep and wove their own wool. What fish were in the lakes were trout and introduced from the U. S. in the late 1800's. The people are of small build due to a poor diet. Language spoken here is Portuguese and the mining company provided teachers to the local people as 70 to 75% of them are illiterate. In Peru he stated the rock and soil appeared green due to the high content of minerals within. The mine in this area had water troubles but the water was so mineral laden it afforded a \$20,000 per month additional income! What few houses there were had walls 3 feet thick. The ladies typical costume was a shawl and a derby hat. Evelyn Ulrich was responsible for lining up this program...it was very enjoyable.

THE DECEMBER MEETING is already in the past and what a Christmas Party that was! I don't know when I have seen such a variety of good food and so much of it...chicken, ham, roast, turkey, pork chops and more! The tables were decorated by Eleanor and the committee in the Christmas motif and the hall really looked festive with candles lit on every table. The program entertainment consisted of a group of students from Waverly High School who sang a number of modern Christmas songs. They were very good and appeared to enjoy their "work" and this feeling permeated the crowd as we all sang at the close of the program. Installation of officers followed Mac's "solo". Those of you who were absent missed quite a performance by Mac! Be sure to ask him to sing his solo at another time...you won't be sorry...he is very good!! Mac spelled out the duties of the new officers and the gavel passed from Phyllis Parks, who served two years as president of LGMC, to Marie Wells, who is our new president for 1972. (Phyllis was the first president, and a woman at that, to succeed herself in LGMC). A plaque was presented to her in recognition of her service in this capacity. The gift exchange followed the close of the program and from what I saw there were really some gemy materials given and received. LGMC can record another good year in our annals of history.

NEWS ITEM...A blue star 530-carat sapphire priced at 2.8 million went on sale recently. A department store spokesman in Japan would not disclose the owner of the stone but said it was discovered in Ceylon 500 to 600 years ago and later taken to Hong Kong, and then to Tokyo where the sale took place! (What a gem, eh?)

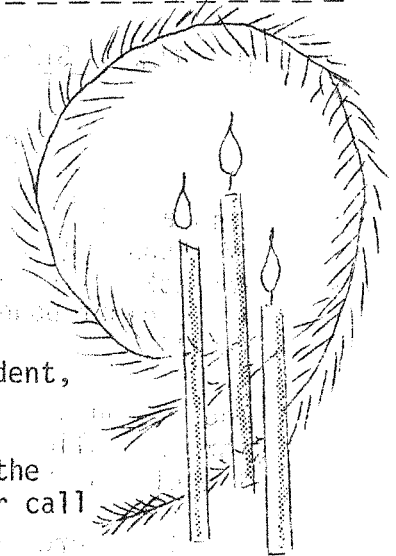
Please forgive the lateness of the P & S this month...Phyllis and I had things in great shape to get it out on time for Christmas but best laid plans often go awry. Just when Phyllis was ready to go to work on her portion of the production her mother, Mrs. Linne Smith, fell in her home on Everett St. and broke her hip. She is at Lincoln General Hospital and will undergo surgery on Tuesday. The doctor says she should get along OK and be up and about before long...we certainly hope so. (and the bulletin is better late than never, right? Right.) nm

THIS MONTH

No regular meeting as our Christmas Party has already been held (and a good evening it was...food, entertainment, the works.) Our next regular meeting will be January 22, 1972 at the usual place...MOW Bldg., 734 S. 27th St., 7:30 PM. The January bulletin will have details (I hope.)

The next Board meeting will be held on the second Thursday in January, the 13th, at 8:00 PM at the home of our new president, Marie Wells, 2940 Vine Street.

LAPIDARY CLASSES started the week of Dec. 13 as announced at the Christmas Party. For information call John Lewis, 466-7289 or call the City Recreation Department.



NEW MEMBERS:

Welcome

Mr. & Mrs. Marvin (Sharon) Churchill, Rt. 8, 68506. ph 489-8228
 Mrs. Jo Ella Cook, 7221 Old Post Rd., Apt. 11, 68520. ph 489-3711
 Mr. & Mrs. Donald (Virginia) Green, and family, 6120 The Knolls, 68512 -432-5032
 Dr. Hal Janzen, 319 E. 21st, Grand Island, NE 68801
 Mr. & Mrs. Tim (Gladys) Juerink, 4600 Spruce, 68506. Ph. 488-3969
 Mr. & Mrs. Larry E. (Marita) Bigley, Cheryl, Paula, and Tracy, 5126 Hartley
 68504. ph 466-0211
 Mr. & Mrs. Gerald K. (Shirley) Wiltse, 5345 Stockwell, 68506. ph 488-4174
 Dan Sybouts, 621 Broadview, 68505. ph 466 0126 (Junior member)

dues are due

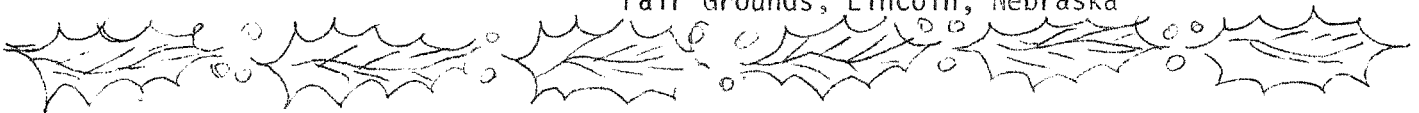
... Jan. 1, 1972. Quoting from LGMC By-Laws Article I, Section 2, (e) A member may be reinstated upon request, by a unanimous vote of the Board of Directors, provided that dues, plus a reinstatement fee of \$1 shall have been paid. Make the job easy for our new treasurer, Fred Day, or pay Ralph yet this month. Thanks for your cooperation.

By the way, thanks too, for refraining from smoking during the business session and program portions of our regular meetings. If you are a smoker you do not realize how much the non-smoker appreciates your cooperation. If you are a non-smoker, you know.

ROGER PABIAN's second publication is off the press and ready for your perusal. This is Educational Circular No. 2 of the Conservation and Survey Division, University of Nebraska, Lincoln. It is titled Minerals & Gemstones of Nebraska. Ask him for your autographed copy at \$1 or order direct for \$1.03 (including tax). Congratulations, Roger...you are quite an author! Those mod drawings are something else. But very good. Good luck!

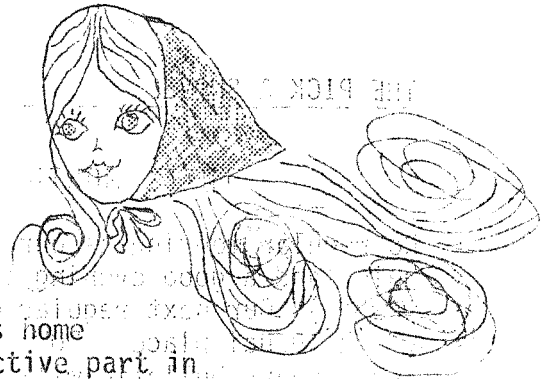
Subscription to NAOESCI Newsletter...due now, as well as club and individual membership dues to the State organization. Club rate dues remain the same - 15¢ per member. Individual membership remains at \$1 per year and entitles you to the Newsletter and Membership Card. Send dues and subscriptions to Howard & Harvey Kenfield, Box 14, Ogallala, NE 69153

DATES TO REMEMBER...April 14-16, 1972...Nebraska State Show, Hastings, Nebraska
 May 12-14, 1972...Lincoln Gem & Mineral Club Annual Show, State
 Fair Grounds, Lincoln, Nebraska



GLENNA'S GLEANINGS

Lois and Irl Everett are the proud grandparents of a son born to Mr. & Mrs. Gary Everett of Nebraska City on Nov. 17th. Jason Matthew clocked in at eight pounds, one ounce. Congratulations to all.



Tod Ashmun has been discharged from the Army and is home for the holidays. We hope he will be taking an active part in the club's projects on education, as in the past. Welcome home, Tod.

Received word from the Ed Michamars of Des Moines that they will be available as gem and mineral dealers starting in 1974.

Rod Woodcock was home from school in New Mexico for five days vacation at Thanksgiving.

A meeting was held at Anderson Library on Nov. 18th to discuss 1974 Show plans. Twenty-four people attended. Several members volunteered to head up committees at that time.

Our sympathy is extended to the Farel Hyland family in the passing of his mother. Services were held on Dec. 8th.

Several club members have been on the sick list lately:

Wanda Day is recovering from surgery at home and is doing very well.

Dee Rankin was confined to the hospital for a week but seems to be making a speedy recovery. Our club secretary, Evelyn Ulrich, has been ill for some weeks also.

Larry Van Cleave entered the Vets. Hospital in Omaha on Dec. 7th for surgery but Vi reports it has not been accomplished and Larry is READY to come home. All would appreciate some cheering calls and cards from their friends in the club.

Irl Everett may possibly need surgery on the knee he injured while on duty with the National Guard. Best of luck, Evy!

Frank and Tom Rule returned to Lincoln on Dec. 3rd for a visit during Tom's thirty-day leave. Tom just returned from overseas duty with the Seabees on Guam, and will go back to Pt. Hueneme, California for reassignment January 1st. Friends may reach Frank at 466-2664 to hear about the past six month's rock hunts.

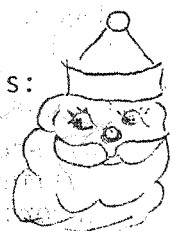
Dr. Neihardt is reported to be in the Boone County Hospital in Columbia, Missouri. Write him there.

I wish to thank the members of the calling committee for the many hours they have given to acquainting the membership of current club activities.

- Glenna McGinnis

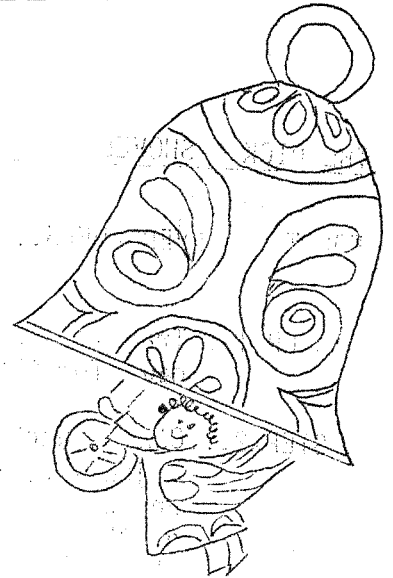
PS: Address for a Christmas card to Chris Engelhardt in the service is:
Co. B, 75th Inf. Rangers, Ft. Carson, CO 80913

-Tom Rule is at 6210 Kearney over the Christmas holidays.



Warm thanks to all the club members who cooperated so beautifully to furnish monthly refreshments this year. It has been fun to plan and carry out the themes for each meeting.

Sincerely - Larry & Eleanor
Debbie & David



REQUEST...If you have a program in mind that you would like to have presented at our LGMC Show in May, please contact Fred and/or Wanda Day who are Program Chairman for this event. They want to have your suggestions, likes, and dislikes, so they can organize a program of events that will be satisfactory to all. It will be necessary to get these lined up soon so have your suggestions in by January 22nd or bring them along to the general meeting then.

- Thanks - Fred & Wanda



VAJA CON DUIS
(May God Be With You)

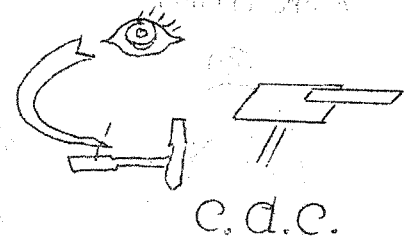
Since last month cards have been sent to:

Sally Heald
Lawrence Van Cleave
Irl Everett
Dr. Neihardt
Wanda Day
Farel Hyland
Dee Rankin

COMMUNITY ARTS COUNCIL

The Community Arts Council November program was presented by an outstanding young baritone soloist, Thomas Palmer, who is guest artist in residence at Doane College. Mr. Palmer is a member of the Affiliate Artists, Inc., and has appeared in numerous operas throughout the country. This was an especially fine program and thoroughly enjoyed by your representatives.

- Edith Hbldorf



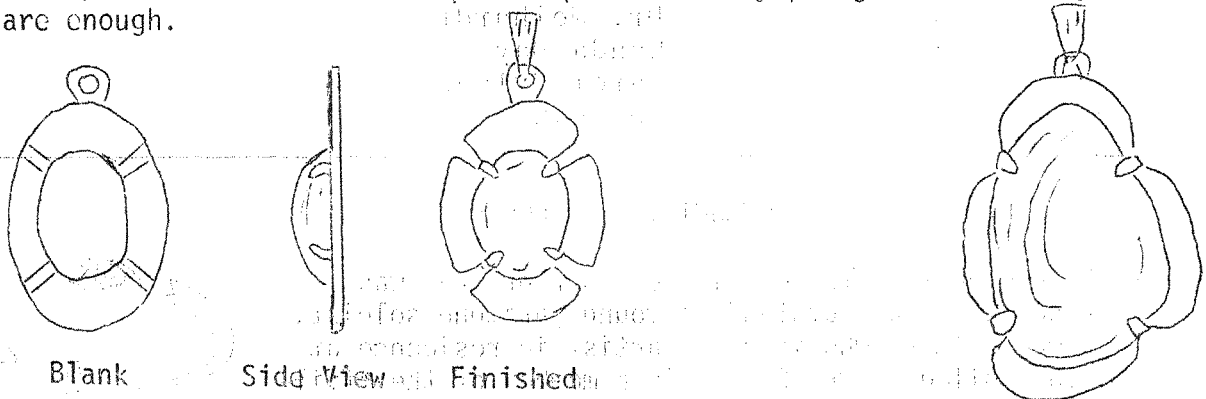
c.d.c.

STRIP MINING...Two Senators have introduced legislation requiring strip miners to obtain federal permits for their operations. They said the permits would be necessary until the states adopt strict strip mining standards under federal supervision.

FOR THE SILVER BUFFS...PROJECT # 1 - PENDANT WITH SET CAB WITHOUT SOLDERING
 BY Harry E. Peterson

- STEP 1...Transfer design to a piece of 20 ga. silver. Airplane glue is very good for this purpose as it dries fast.
- STEP 2...Centerpunch, then drill hole for bail. Saw out the entire blank with a jeweler's saw. #01 or #1 are good for this thickness of metal. File and emery all edges. Be careful not to scratch or mark the surfaces of the blank, as these would become a problem in finishing the item.
- STEP 3...This drawing was made for an 18.13 oval cab, but as cabs might vary slightly in size, it might be a good idea to put your selected cab in the center of the blank and draw a fine pencil line around it. This line now becomes the stopping point when you make the saw cuts for the prongs, which is next on the program.
- STEP 4...After making the saw cuts, remove paper from blank, then buff on both sides. Place blank on smooth steel block and chase a fine line with a slightly curved chasing tool across the top to separate the loop. This is done on the front side only.
- STEP 5...Bend all four prongs straight up with a pair of very narrow long nosed pliers. See that your cab will lay flat on blank with the prongs snug up against it. Now use your own judgement on how high the prongs should be. A low cab needs very short prongs, but for a high cab, leave them longer. Round off the tops of the prongs with a smooth file, also the sharp corners on the blank should be rounded and smoothed with emery cloth. Then carefully buff around prongs. After washing the finished blank, set cab by bending prongs gradually to lay close to the stone, with a steel burnisher. Attach bail and give a final polish.

This method will also work well with round or freeform cabs. Simply place your cab on a piece of 20 ga silver and draw a line around it. Then add a border of about 3/16 inch wide. Add loop on top and as many prongs as necessary - usually 4 are enough.



Reprinted from THE OPAL, September 1965 Example of free form using the same method

MWF EXECUTIVE COMMITTEE MEETING

There were several interesting circumstances that I noticed during the Executive Committee meeting at the Ramada Inn near Aurora, Illinois on Nov. 20.

First of all the Lincoln Gem & Mineral Club has three representatives on the Committee - Howard Taylor, Nebraska State Director; Roger Pabian, Chairman of the Education Committee; and this writer who is chairman of the Steering Committee for the National Show in 1974.

Then someone mentioned the fact that the MWF now has a Director for every one of the 12 states within its boundaries. We can thank H. Taylor for helping to make that possible.

We were also pleased to note that every one of the twelve states was represented at this meeting.

What is the Executive Committee, and what does it do? This group consists of five elected officers, the committee chairmen and state directors, and the past presidents. Working together they do the administrative work of the MWF and have a meeting in the fall, in the spring, and also during the annual convention each year. The usual attendance at these meetings, including spouses, is 45 to 50 persons.

The treasurer's report and the report from the State Directors and Committee Chairmen are prepared and printed for distribution ahead of the meeting. This makes it possible to handle a very large volume of business during the hours of meeting.

The financial report was cause for discussion because it happens that the MWF has been spending about the same amount for services to the clubs each year but the income has not kept pace. In short, when the income from shows is low as was the case in 1970 and 1971, the assets were reduced thus leaving the current amount at an undesirable low figure. Had the membership dues been 10¢ per member more during the 4 year period covered by the report there would be an approximate gain over expenses in the amount of \$600. The President, Bernie Parr, immediately set up a study group to handle this specific problem.

Russ McFall was pleased to report that the MWF newsletter has a circulation well over 11,000 which is the largest of any newsletter in the AFMS. He urged the bulletin editors to include as much educational material as possible. In this way they not only serve as a means of communication for coming events but also as a valuable aid to all members. I have noticed that our Pick & Shovel generally contains at least one, and sometimes several, educational articles.

A point of interest was mentioned by Bernie Parr who was Chairman of the Midwest Federation Regional Show in 1971. He advises anyone who is sponsoring a large show to have a plan for taking pictures and for other historical records. They had quite a few pictures of the exhibits but they were mostly of the same displays. Other displays were not photographed by the club members which left voids in their historical records. Somethought for our 1974 national show Secretary Committee.

Ralph Ulrich, Chairman, Steering Committee - 1974 Show Project

MERRY CHRISTMAS

A 600 MILLION YEAR MYSTERY

The world of rocks and minerals has many puzzling and interesting areas for exploration but only a few of them have caused as much bewilderment as a mysterious rock type found in the Kununurra district of West Africa. The rock is known as "Zebra Rock".

Zebra rock is a very attractive fine grained siliceous argillite (indurated siltstone or clay stone) with rhythmic patterns of red bands or spots contrasting sharply with a white background.

As yet, it is not known how the rhythmic and regular patterns were formed but it is known that the red portions are coloured by ferric (iron) oxide. Geologists have investigated Zebra rock for the past forty years without producing any valid explanation for its origin. It is realized that the rock poses an interesting problem of genesis.

The origins of the rock may be based on one or more of the following explanations:-

1. Ripple patterns imposed on the rock during the deposition of sediment.
2. Slump structure formed while the rock was still in a plastic state prior to solidification.
3. Selective leaching and reconcentration of iron oxides and silica.

The age of Zebra rock has been placed at 600 million years in the Upper Proterozoic era or Pre-Cambrian period. The only known deposits of Zebra rock in the world have been found near Kununurra in the East Kimberley of West Africa. The deposits are found in small reef outcrops of stratified claystone or shale in the Ranford Formation.

Digging is difficult because of the shale surrounding the reef. The best implements to use for the extraction of the rock (if you are not adverse to hard work in high temperatures) are crow bars and picks. The Zebra rock is not found throughout the whole reef but in small individual reefs which are spasmodically placed within the major reef. Individual pieces of Zebra rock may appear as plain brown stone without any apparent patterns but when they are cut with a diamond saw they may show one of the many Zebra patterns.

Most of the Zebra rock can be cut with a hack saw but a diamond saw does a better job and is more economical from a commercial point of view. Zebra stone varies in hardness and quality, depending on the site from which it is taken. Some types are very porous and chalky with visible pitting faults and in different patterns while other specimens are dense with sharply defined rhythmical patterns.

The best sites found to date are on a pastoral property near Kununurra. Stone from these sites is used in the local manufacture of jewellery and gift lines.

-via ROCK-A-BOUT, Central Coast Lapidary Club, Gosford, New South Wales, Australia

(Having seen this material at some of our dealers shops and booths at shows I think the above article most enlightening. How about a field trip to that area?)

DON'T MISS YOUR PERSONAL INVITATION to a SPECIAL EVENT...
See inside back cover and consider yourself invited by
the mother of the groom.

Midwest Federation's NEWSLETTER



Published monthly except July and August as a service to members clubs.
All news, articles, subscription orders and requests for information concerning publication
should be sent to P. O. Box 1130, Des Moines, Iowa 50311

Issue No. 121 - January 1972

Meet your new officers

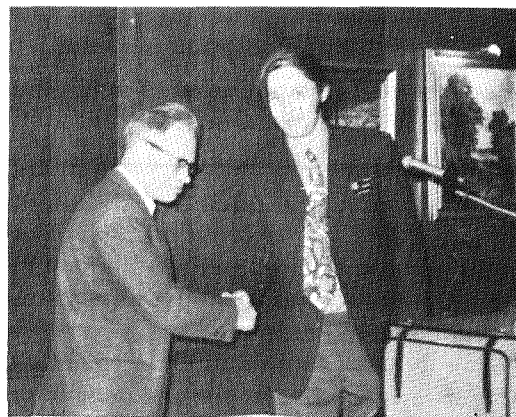


From left, Miss Jean Reynolds, Secretary; Lee Harris, First Vice President; B. F. (Barney) Parr, President; Mark Harris, Second Vice President; and Mrs. Joseph (Bernice) McCloskey, Treasurer.

The Fall Executive Committee meeting which includes elected officers, state directors and assistants, and chairmen and members of Federation committees met at the Ramada Inn, Aurora, Illinois on November 20. Retiring president Jay Wollin spoke briefly and turned the gavel over to the new president, B. F. (Barney) Parr, who conducted the meeting. The state directors and assistants met with 2nd vice president Mark Harris for an hour before the general meeting.

It was reported that the Midwest Federation now has 225 clubs and a membership of 16,869, an increase of 852 in the past year. On a less favorable note, in three of the last four years, disbursements have exceeded receipts resulting in a marked lowering of current assets. A finance committee is to be established which with the long range planning committee will study this situation and have definite recommendations at the spring meeting.

Committee chairmen reported on progress made in their areas of interest and state directors outlined activities in their states. Emphasis was placed on bettering cooperation between the Federation and its member clubs and on ways in which clubs



New President, B. F. (Barney) Parr, left, accepts handshake and gavel from retiring President Jay Wollin.

Photos by Russ Kemp and Haydon Peterson

could get more benefit from the Federation. About an hour before lunch, the meeting broke up into discussion groups on various phases of activity. This procedure instituted by Jay Wollin last year allows better exchange of ideas in the more informal atmosphere of a small group and is proving very beneficial.

Since the Council which consists of delegates from all member clubs plus the Executive Committee is the actual governing body of the Federation, details on recommendations of the Executive Committee will be deferred until they can be presented to the Council at Ishpeming, Mich. next July.

The general attitude of the members present at this meeting and their obvious interest in improving the services of the Federation augurs well for the future and is most encouraging to your elected officers.

WELCOME A NEW CLUB

James River Rock and Mineral Club, Mr. Stephen H. Richards, President, 1415 Third Avenue, N.W., Jamestown, North Dakota. 58401.

NEW BULLETIN EDITORS CHAIRMAN

Mr. Paul Good, 118 N. Lindbergh Ave., Griffith, Indiana 46319 is now Bulletin Editors Chairman for our MWF. He succeeds Mr. Oliver Roskam of Kansas City, Missouri who asked to be relieved of this post.

Mr. Good is editor of "The Calumet Gem", bulletin of The Calumet Gem and Mineral Society which meets in Highland, Indiana. We thank Mr. Roskam for his services to the Federation and wish Mr. Good great success.

Member clubs are requested to send copies of their bulletins to Mr. Good.

1972 RULES SUPPLEMENT

The 1972 Supplement to the AFMS Uniform Rules is printed and available from the MWF Uniform Rules Chairman. Please send orders to Mr. Terry Huizing, 5341 Thrasher Drive, Cincinnati, Ohio 45239. Price is 25¢ each if less than five copies are ordered and 20¢ each for five or more. All prices include postage. Make checks payable to Terry Huizing.

This supplement contains the rules changes and the clarifications adopted by the AFMS Uniform Rules Committee at Seattle September 1, 1971.

WANTED

Several interested hobbyists are wanted to become active members of the MWF Uniform Rules Committee. The job will require a constructive attitude toward the encouragement of creative exhibits. Especially needed are applicants who specialize in the Lapidary Arts or in Fossils. No previous rules experience is necessary; first consideration will be given to those who have exhibited competitively. If you are interested, please write to Mr. Terry Huizing, chairman, MWF Uniform Rules Committee, 5341 Thrasher Drive, Cincinnati, Ohio 45239.

NEBRASKA BOOKLET AVAILABLE

A new booklet, "Minerals and Gemstones of Nebraska" is now available from the Conservation and Survey Division, University of Nebraska, Lincoln, Nebraska 68508 for \$1.00 per single copy.

The 80 page, 8 1/2 x 11 size booklet was written by our MWF Education Chairman, Roger Pabian, and illustrated by Alan Cook. It contains many color plates.

NEW INDIVIDUAL MEMBER

Mr. Leroy K. Mensch, 2437 Third Street, Espy, Bloomsburg, Pa. 17815 is a new individual member of the MWF.

LIBRARY PROGRAMS TO BE EDITED

Our Library Program Chairman, Mrs. Evelyn Hirsch, announces that all new programs received will be edited by a committee of three before being booked to the clubs. This is being done to increase the quality of the programs so they will be of greater value to the clubs.

The committee will be checking for factual accuracy, pertinence to subject of the slide program, good quality of the slides, and improving scripts accompanying the slide program.

* * * * *

The Program Committee wishes to thank Mr. W. E. Thompson of Fort Smith Rock Club, Fort Smith, Arkansas for his repair of the slides of the program "A Field Trip in the Tri-State Area".

* * * * *

Mrs. Hirsch advises that some delay has been experienced in preparation of the Program Aid Manual, so if you wish to be a member of the Speakers Bureau please send your name, address and the subjects you speak on and the distance you will travel to Mrs. Jo Jacobs, 1918 Circle Drive, Bedford, Indiana 47421.

THE 1972 FIELD TRIP CONVENTION

The Ishpeming Rock and Mineral Club, Inc., Ishpeming, Michigan, will host the 32nd Annual Midwest Federation Field Trip Convention in conjunction with the 5th Annual Upper Peninsula Gem and Mineral Show at the Ishpeming Armory on July 20-24, 1972. This combination of events bears special significance; not only is this combination unique with the Midwest Federation, it has been indicated that this will be, unless some club offers to host one in 1975, the last field trip convention.

The Field Trip Convention is limited to 3,000 people at a registration fee of \$15.00 per person. Registration packets have been sent to all MWF clubs and other interested persons. All persons wishing to participate must be registered by June 19, 1972 which is 30 days prior to the convention.

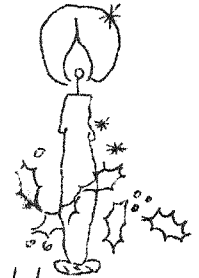
The 5th Annual Upper Peninsula Gem and Mineral Show will be the focal point for all activities. Displays will include minerals available at the field trip sites, collections of local interest, plus models of mining lore to acquaint visitors with the history and industry of the area. Competitive and non-competitive exhibits are also a part of the plans for the show. A total of \$10.00 will complement efforts to offer all visitors an opportunity to take home with them a visible memory of this fascinating region. The culmination of the convention and show will be a huge rock swap to be held on Monday, July 24, 1972.

Additional information may be obtained by writing to Bob Markert, Route 1, P.O. Box 620, Ishpeming, Michigan 49849.

Everett Lapidary Shop

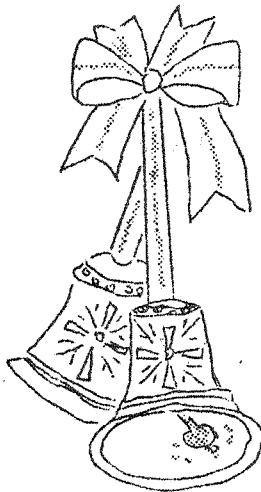
capitol city's first rock shop!!

2941 NORTH 65th STREET - PHONE 466-6204



Mrs. Everett and I want to wish
all our friends and customers a very
*Merry Christmas -
and a Happy New Year!!*

"SATISFIED CUSTOMERS ARE OUR BEST ADVERTISEMENT"



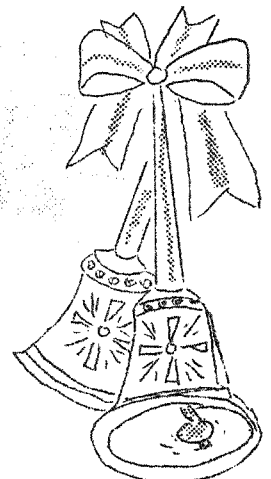
Mr. & Mrs. Clarence F. Wendt
request the honour of your presence
at the union of their daughter

Joan Marie

to

Mr. Leslie Steven Miller
in the Sacrament of Holy Matrimony
on Friday, the seventh of January
Nineteen hundred and seventy-two
at half after seven o'clock

Blessed Sacrament Catholic Church
Lincoln, Nebraska



Lincoln Gem & Mineral Club
Box 5342
Lincoln, NE 68505

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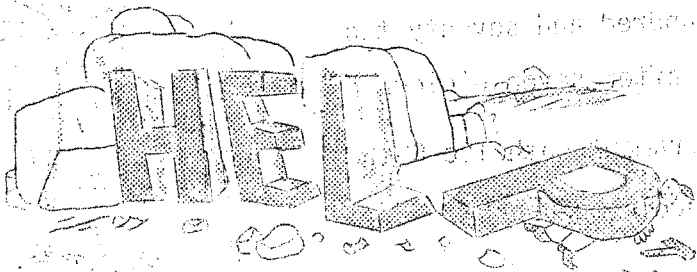


Member:
Community Arts Council

LGMC HISTORIAN
3601 South St.
Lincoln, NE 68506

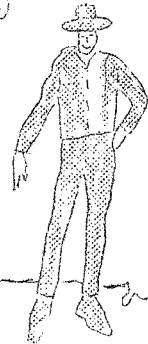
THEME FOR 1971 - "EDUCATION" - JAY WOLLIN, MWF PRESIDENT

LGMC 14th ANNUAL SHOW - May 12-13-14, 1972
Exposition Bldg.
Nebraska State Fairgrounds



*Johnny Horizon
says:*

This Land
is YOUR
Land



keep it clean!