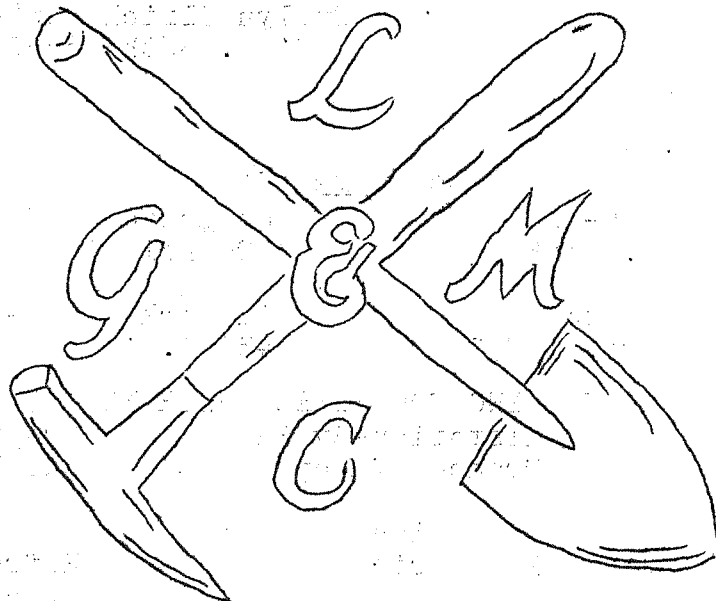


THE PICK & SHOVEL



Official Publication of
THE LINCOLN GEM AND MINERAL CLUB, INC.

P. O. Box 5342
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NOV 1971

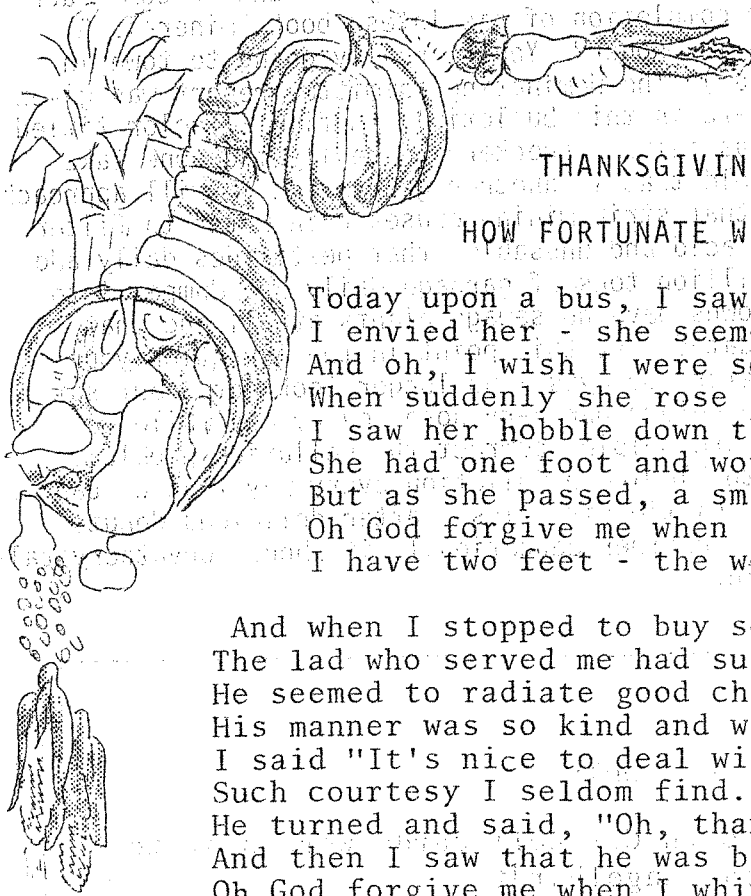
Members of

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



THANKSGIVING

HOW FORTUNATE WE ARE

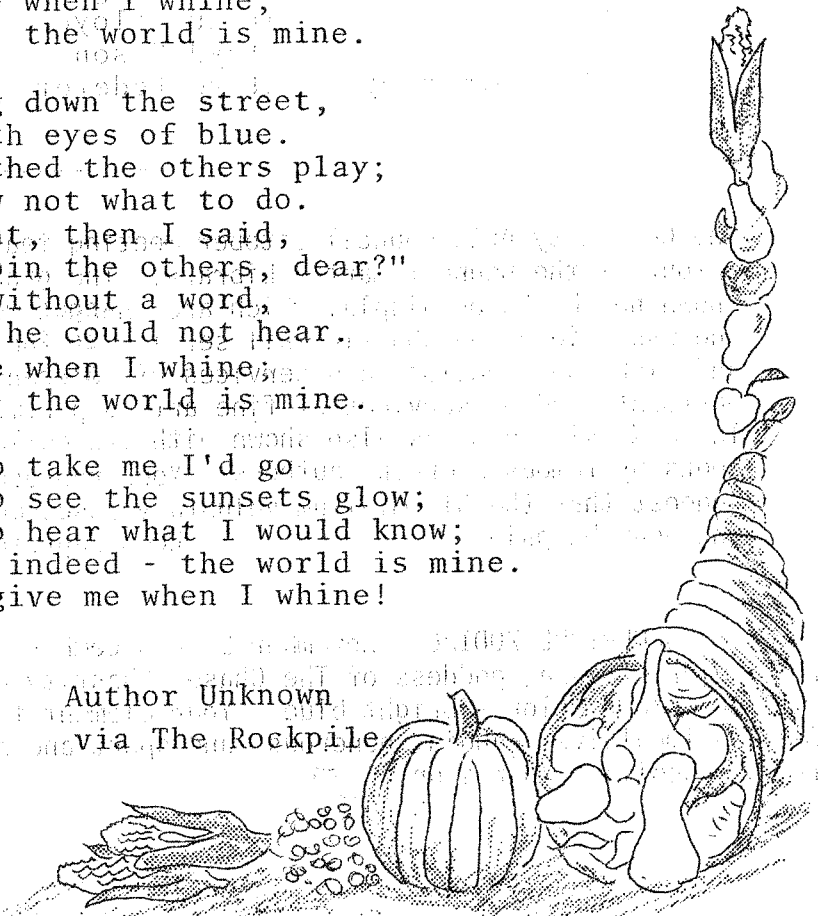
Today upon a bus, I saw a lovely maid with golden hair,
 I envied her - she seemed so gay.
 And oh, I wish I were so fair,
 When suddenly she rose to leave
 I saw her hobble down the aisle;
 She had one foot and wore a crutch,
 But as she passed, a smile;
 Oh God forgive me when I whine;
 I have two feet - the world is mine.

And when I stopped to buy some sweets,
 The lad who served me had such charm.
 He seemed to radiate good cheer,
 His manner was so kind and warm.
 I said "It's nice to deal with you,
 Such courtesy I seldom find."
 He turned and said, "Oh, thank you sir!"
 And then I saw that he was blind.
 Oh God forgive me when I whine;
 I have two eyes - the world is mine.

Then when walking down the street,
 I saw a child with eyes of blue.
 He stood and watched the others play;
 It seemed he knew not what to do.
 I stopped a moment, then I said,
 "Why don't you join the others, dear?"
 He looked ahead without a word,
 And then I knew; he could not hear.
 Oh God forgive me when I whine;
 I have two ears - the world is mine.

With feet to take me I'd go
 With eyes to see the sunsets glow;
 With ears to hear what I would know;
 I'm blessed indeed - the world is mine.
 Oh God, forgive me when I whine!

Author Unknown
 via The Rockpile



LAST MONTH... the regular meeting was well attended with our number swelled by the presence of a number of guests... WELCOME Y'ALL! Glad to have you - and do come back again. Roger Pabian announced the near completion of his latest book "Minerals & Gemstones of Nebraska". (How do you do it, Roger? You're really going to town in the writing business... more power to you.) The nominating committee report was given (those nominated are to be found elsewhere in this bulletin). A film in color titled "The Gifts", narrated by Lorne Greene was quite a shocker and really made one take notice that Pollution Kills. We were told that in another generation we will approach the usable limits of our water supply; that strip mining causes rain water to filter through the remains and the water turns acid and unusable; that pesticides daily add to the pollution of our water; that 1/2 million tons of garbage daily are dumped into our streams and rivers; that 1/4 of our towns have no sewage plants at all and that some sewage plants in operation are outdated. At this point in the narration your editor was so awestruck at the sights before my eyes I no longer took notes but sat there in horror seeing what is happening before our very noses every day while we placidly sit back and do very little toward helping correct the pollution problem. This program should make us all strive to eliminate Pollution every way that we can... remember, Every Litter Bit Helps - Every Little Bit Helps. After delicious donuts, coffee and cider, Roger Simmons presented another educational bit about "Cryptocrystalline Quartz". This, too, was enlightening.



VAJA CON. DUIS

Since last month Get Well cards were sent to:

Norman Engelhardt

Arthur Bloyd

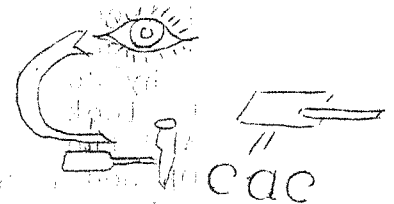
Floyd Olson

Sympathy to Lloyd Lederer

The Community Arts Council October meeting featured a tour of the Bennett Martin Library. The group was shown new books on display which are changed weekly, and was briefed on shut-in mail service to the elderly and sick, on functions and services of reference department, and on services of fine arts department.

The McKelvie room was also shown with its collection of books by famous Nebraska authors. Your representatives suggest that the \$10 minimum voluntary assessment for the year be paid.

LGAC Representative, Edith Holdorf



NATURE'S SCULPTURE ZODIAC... November 22 - December 21 - SAGITTARIUS, The Archer
 Your ruler - Diana, goddess of The Chase, Chastity and Marriage. Your planet - Jupiter. Your color - bright blue. Your element fire. Your metal tin.
 You are impulsive, candid, generous, and sport and nature loving. Your mineral is chrysocolla. Your sign -



THIS MONTH

1974 SHOW Meeting...Thurs. Nov. 18th, 1971
7:00-9:00 PM at the new Victor Ander-
son Library, 3541 Touzalin. for all
interested members who want to
know more of the 1974 SHOW - Inl

REGULAR MEETING...Sat. Nov. 27, 1971 7:30 PM
WOW BLDG., 734 S. 27th
Business - electinn of officers
Program and Educational -

Mr. Delmer Motycka of the State
Highway Department will favor us
with a showing of his mineral collec-
tion and an illustrated talk of his
experiences in the tin mines of Bolivia

REFRESHMENTS...Pie Social...everyone bring your favorite
pie and try someone else's favorite pie. Drink and
table service will be furnished. (Remember our last pie social? Delicious)

DECEMBER MEETING...Sat. Dec. 11, 6:30 PM, WOW BLDG., 734 S. 27th St. Christmas
activities...covered dish supper (you will be called about what you can
furnish for food). Gift exchange. Installation of officers. And MORE...

NEW MEMBERS...Ray Graebher and daughter Kathy, 411 Wedgewood Drive 68510
Dr. C. H. L. Stehl, 3725 H St., 68510 ph 489-1970

COMING EVENTS...your editor could find no local (within one state radius) shows
coming up. If you are leaving for other climes - check the asso-
ciated magazines for dates of current shows.

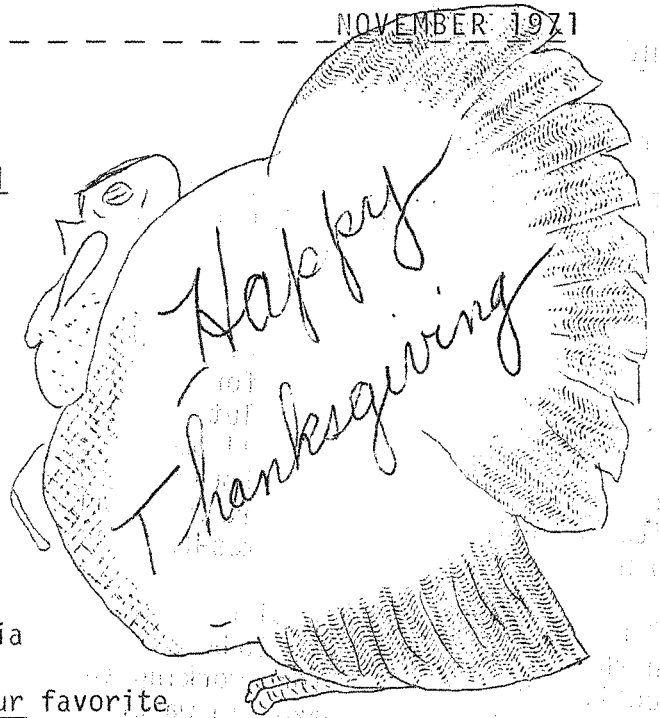
NAOESCI PRESIDENT, Charles Gauderault, suffered a heart attack, was admitted to
Good Samaritan Hospital at Kearney on Sunday, October.24. On
October 28 it was reported that he was still in intensive care
but getting along OK. On Nov. 14 we received the report that
he is still hospitalized. Chin up, Charlie. We wish you a
complete recovery.

REPORTED IN...Clark Morgan of Omaha was hospitalized recently (remember Clark?)...
we hope recovery has arrived.

The Bill Holdorf's have returned from a three day trip in Chadron area
found was one large Fairbur and a dozen small ones plus petrified
wood, etc. They had the added good fortune of good weather in the sunny
60's. Ended the trip with a hike thru the beauty of the pine forests.

REMEMBER...LGMC Christmas Party...Saturday, Dec. 11, 1971, 6:30 PM (doors will be
open at 6:00 so you may enter with food, your table service, etc. Drink will be fur-
nished.) As in previous years, if you wish to exchange gifts, bring one to receive
one, marked adult or child, though you certainly don't have to exchange if you don't
wish to. Program follows the dinner hour. Hope to see all your happy faces to help
close out another good year for LGMC...it's been a good one.

Christmas Party committee--Eleanor Rupert, Luella Paul, Phyllis Parks, Marie
Wells, and Norma Miller. Mac, too.



BITS AND PIECES

RETOSKEY STONES...interesting and unique type of fossil coral - mainly calcite - somewhat difficult to polish. It is well known that calcite, being soft, may not give a high, glossy finish like agate. For an attractive finish try grinding, coarse sanding, then etch for 15 to 20 minutes in hydrochloric solution to which has been added a small amount of oxalic acid. The solution should be 30%. After washing and drying there is usually no need to polish. (Rocky Times-Rockette)

TO POLISH TURQUOISE use a piece of organdy on the wheel. This seems to be more effective than felt. Before working turquoise it should be soaked in water for 24 hours. (Rocky Times & Rockette)

if TURQUOISE is to be slabbed or trimmed on the diamond saw, use plain water for the coolant and feed slowly into the saw. Oil is absorbed by turquoise and changes its color. Light pressure on the saw is necessary to prevent chipping. Use only the 220 grit wheel for grinding and be sure wheel is true. A bumpy wheel may chip this brittle material. Since turquoise is relatively soft, make the preform a little larger than the finished stone should be, allow for the decrease in size during sanding. The bottom edge of the cab should be back - beveled slightly as insurance against chipping edges. Always sand wet. Start with 220 grit sander and follow through with 400 and 600 grit, with careful cleanups between grits. Tin oxide on a padded rough leather or buckskin faced convex disc buffer is recommended for the polishing step. Run the buff at a moderate speed. Do not keep the stone in contact with the buff longer than is necessary to stroke it from one edge to another. Take your time in all operations to keep from heating the stone.

(via Michigan Gem News & Kornkrib News)

COLORS occurring on the inside of the abalone shells arise from the interference of light waves by the laminations of nacre deposited by the abalone. The unattractive outer layer of the shell can be removed with nitric acid. Having been removed, the inside and outside of the

shell will be similar in appearance. Apply the acid with a stick that has been pounded into a sort of brush. To stop the local action, dab the spot with household ammonia. To stop all the action, wash the entire shell with ammonia and then clear water. (via Evansville Newsletter & Crystal Gazette)

IT'S A PUZZLEMENT

When first I studied crystals
I didn't have the knack
Of three dimensional thinking
This skill I seemed to lack.

A crystal was a puzzling thing.
At times I thought I'd crack
In trying to tell which end was up,
To tell the front from back.

I'd twist and turn the crystal 'round
In hopes that I could see
At least one axis or a plane
Of crystal symmetry.

The prisms, prisms, and domes
The rhombic pyramid
All looked the very same to me
No matter what I did.

But now I've studied long and hard
And think I'm somewhat wise
For almost in no time at all
The cube I recognize!

-Grace Dearborn-Chips & Facets
(Anyone else feel like this poem fits?)

TIPS ON SILVERSMITHING...Lead soldering or soft soldering DOES have its place in jewelry making. The screw backs of earrings and the tension in the cuff links backs will just not tolerate the high heat of hard soldering. To lead solder easily-use ear backs and cuff link backs that have a small cup at the point where it will be soldered to the base piece. The cup will properly hold the flux and solder. The solder is an alloy generally composed of 50% tin and 50% lead. It comes in wire, ribbon or bar form. The melting point of soft solder is approximately 370°F. In soft soldering, use a regular prepared soft soldering flux. To heat the work, use a regular size alcohol lamp.(via The Template)

GLENNA'S GLEANINGS (continued)



He plans to return to Thailand at the end of November as a civilian employee of an American firm. Sometime this next year he will wed a beautiful Thai girl, according to Ruth. Much happiness to them!

Roger Pabian says plans for the coming show are coming along well with five dealers committed so far. However, volunteers are needed for many committees. Speak up, good people!

It seems I have inadvertently omitted some news about important events in some members families, for which I sincerely apologize. If you have news items, please call me. Only through member's cooperation can I write a column that is representative of the whole club.

- Glenna McGinnis

TIPS ON TUMBLING by Maynard Green, via the Mesabi Media - the hardness of the stones to be tumbled is of first importance. It is best to always tumble stones of equal hardness together because the softer stones grind away much faster than the hard ones. Quartz, which includes various kinds of agate and jasper, is very hard while rhodochrosite, malachite and turquoise are some of the softer ones. The rough stones should be sorted according to size. Small stones up to pigeon egg size can be tumbled alone. It is good to mix these sizes. Grit cuts best when squeezed between two stones and small stones act as a filler or carrying agent which brings the grit in contact with all parts of the stones and they also cushion slabs and large pieces so they will not break or chip. There should be about three or four pounds of small stones to one pound of large ones.

Ungraded grit can be used in the first grind. A good mix is 1/3 coarse grit to 2/3's medium grit. Coarse grit cuts more slowly but lasts longer while medium grit cuts faster but breaks down in a shorter time. Add about 1 cup of water and about 1/2 cup of grit to five pounds of rock. Never fill a tumbler over 2/3 full of rocks. Inspect the tumbler every two days, at least, to prevent build-up of gas pressure, to check the thickness of the mud and to note the progress in shaping the stones. The mud that forms from the grinding action needs to be checked because if it gets too thick the stones will not tumble but stick to the sides of the tumbler and get flat sided or ride up the sides and drop down to sometimes chip or break. Add water as needed to keep them tumbling. Fresh grit can be added also. If the mud gets too thick and the stones are still not shaped satisfactorily, empty and wash the stones and tumbler, refill and start over again.

After the stones have been ground to shape, wash both tumbler and stones very thoroughly. The stones can be placed on a screen and washed with a pressure hose to get all the grit out of the pits and cracks.

The next two grinds are only to eliminate the scratches and smooth the stones. Soft stones, which are not rough, can be started with the second grind. Ungraded grits (fine) can be used this time. Grind, checking as before - adding more water if needed but never add fresh grit until all scratches are removed. Wash all again carefully, refill using #600 grit. Tumble again until stones are very smooth and show a semi-gloss. Once more wash stones and tumbler carefully and they're ready for the polish. A good polish is levigated aluminum (E 266). One level tsp. to four pounds of rocks (which is about what you'll have left if you started with five pounds) is sufficient polish. A stone is well polished when it has that "wet" look. About 1/4 cup of Tide can now be added and tumbler run one more day. (continued next page)

TIPS ON TUMBLING (continued)

This seems to add more luster to the baroques. Remove, wash once more then dry and hope you may look upon the batch with pride.

Small smooth slabs and cabs which have been rough sanded to shape first may be tumbled with medium grit. Five or six 30 x 40 cabs can be added to five pounds of small stones. Usually these need about 2 days in medium grit, 2 days in fine grit, 2 days using #600 grit and 2 days in polish. Small stones can be used over again as a carrying agent.

Helpful hints: Hexagonal shaped tumblers tumble better than round ones. Small tumblers can run at a faster speed than large ones. Grit in large tumblers cuts faster than in small ones because more stones piled up makes more pressure. Large slabs and stones weighing around ½ pound should be tumbled only in large tumblers - 15 to 20 pound size. Larger rocks and slabs up to 70 or 80 square inches should have 50 to 60 pounds of filler or carrying agent to prevent breakage. Polish needs to be broken down the same as grit so when polishing a soft stone, place a hard stone like agate in the polish for a couple of days to break down the polish before adding the softer stones. (Be sure to remove the agate first.)

-taken from the ACHATES

HOW ABOUT THIS...Trouble with tumbler gas? Try a couple tablespoons of Fuller Pine Oil in the machine...no gas and it smells good too. via Pick & Chisel

WHAT ABOUT GEODES...A geode is a hollow nodule of stone formed in sedimentary rock having walls lined with crystals, among which calcite and quartz are the most common. Other not uncommon minerals are Dolomite, chalcedony, barite and celestite. Exterior surfaces of geodes are usually irregular. The wall minerals may have been deposited by circulating waters as the enclosing sediments became liquified or subsequent thereto.

A common method of origin of the cavities of Geode is by deposition of materials from solution along structural and fracture surfaces of shells, thus producing enlargement of original shell cavities and at the same time or subsequently lining the cavity with crystalline materials. Geode cavities of this type and origin are known to have formed from shells of brachiopods, crinoids, and other.

If wall materials of Geodes are more resistant to weather than the enclosing rocks, the Geodes are released and remain after the enclosings have disappeared. If the opposite is the case, the minerals lining the cavities disappear and only cavities remain. Geodes range in size from very small to more than 18 inches in diameter.

-Katherine Miller via Quarry Quips

TO CLEAN IVORY WHICH HAS YELLOWED...rub it with fine pumice and water and rinse it thoroughly. While the ivory is still damp, expose it to the sun for a few hours. If a lighter luster is desired, rub it with paste of whiting and water before exposing it to sunlight. (via Pick & Dop Stick)

FOOD FOR THOUGHT: It is sometimes difficult to see the picture when one is inside the frame!



AFMS SILVER ANNIVERSARY CELEBRATION...May 5, 1972...this event will be held at the Smithsonian in Washington, D. C. One highlight of the occasion will be a huge birthday cake decorated in an appropriate manner with cabochons. Each state will be represented by an official cabachon, and as the MWF Newsletter states, "arrangements for these will be made by Regional Officers, but we also need hundreds of fine cabachons from clubs and individuals all over the country as these cabachons will be presented to the Smithsonian Hall of Gems in honor of the 25th birthday of AFMS.

In other words, there is to be an Official Cabachon from each state on the cake, however each club in every Federation can donate a cabachon for the cake. In fact, anyone can donate a cab - so if you would like to be a part of this national celebration you are welcome. Send your entry with the name of the material, where it is found, and the name and address of the club or individual sending it to Silver Anniversary Committee, c/o Mrs. June Zeitner, Mission, South Dakota 57555.

The cabachons should be of fairly local quality material; fairly large cabs - 18-25 mm and 30x40 mm, though this is not a hard and fast rule; and the cabs need not all be oval. Official cabachons should be mailed to Lillian Turner, 8903 Woodland Drive, Silver Springs, MC 20910. Honor lists will be made and pictures of cabs and cake will be taken.

Another aspect of this celebration is the issuance of the Mineral Heritage Stamp as was reported in your MWF Delegate's Report in the September issue of Pick & Shovel. If every member in the Federation (that's us) would write a letter we would have an excellent opportunity to have our long awaited "MINERAL HERITAGE" Stamp issued for our 25th Anniversary. Take time now and write Mrs. Mary M. Jamieson, Co-ordinator, Citizens Stamp Advisory Committee, U. S. Postal Service, RM 3353, Washington, DC 20260

...tell her of your enthusiasm for the rock hobby and help convince the U. S. Postal Department that we deserve to have a Stamp. If we all write a letter their office could well be swamped. Remember - there's strength in numbers so get in there and be counted.

Similar celebrations are planned for and should be held by all Regional Federations to bring our hobby before the general public. By doing things, such as planning special displays at Museums or Libraries all over the country and stressing conservation, each Society or Club can share in this event.

AFMS Awards for Best Bulletins for 1971 went to:

1st Place - The Prospector, Nancy Schultze, Editor, Midwest Federation

2nd Place - Aurora Borealis, Bill LaBounty, Editor, Eastern Federation

3rd Place - The Conglomerate, Ellis Courter, Editor, Midwest Federation

Best 1 or 2 page bulletin - Pick & Wheel, Jerrine Anthony, Editor, Eastern Fed.

Outstanding & Best Regional Fed. Publication - NW Fed. Newsletter, Pat Crow, Ed.

MMF was well represented in many areas at the National Show in Seattle as witness the MWF Newsletter in this issue of P & S...five MWF clubs were named ALL AMERICAN Federation Clubs from a total of 25 from all Federations. and MMF topped all other federations with 42 entries - California Federation was second with 29. We're proud to be a Midwest Federation member.

Six students have been awarded grants by the AFMS Scholarship Foundation. They are: James Granath (Ili.), Univ. of Ill.; Daniel Yatkola (Mass.), Univ. of Wyo.; Rodney C. Ewing (Texas), Stanford University, John A. Speer (Penn.), Virginia Polytechnic Inst.; John L. Cisne (Calif.), University of Calif; Jane Ellen Pike (Mrs.) (Md.), Stanford Univ.) (Jane if the 1st woman student to receive a grant from the foundation.)

1972 FIELD TRIP CONVENTION, Ishpeming, Michigan, July 19-24, 1972

CONVENTION HEADQUARTERS: ISHPEMING National Guard Armory

Tentative Schedule of events:

THURSDAY - JULY 20, 1972

10:00 AM - 7:00 PM - 5th Annual U. P. Gem & Mineral Show

10:00 AM - Registration & Orientation begins MMF Convention

5:45 PM - 7:00 PM - Executive Board Dinner

7:30 PM - 10:00 PM - Executive Board Meeting

FRIDAY - July 21, 1972

6:00 AM - 1:00 PM - Kiwanis Pancake Breakfast

10:00 AM - 9:00 PM - 5th Annual Gem & Mineral Show

9:30 AM - 12:00 Noon - Council Meeting

12:00 N. - 1:30 PM - Delegates Luncheon

1:30 PM - 3:30 PM - Council Meeting

5:30 PM - 7:00 PM - Kiwanis Chicken Bar-B-Que

7:00 PM - 9:00 PM - Micro Mount Symposium

7:00 PM - 10:00 PM - Silent Auction

SATURDAY - July 22, 1972

7:00 AM - 8:00 AM - Buses depart for Field Trips

10:00 AM - 9:00 PM - 5th Annual Gem Show

NOON -- Box lunches at sites

1:00 - 5:00 PM Collecting

6:30 PM - Midwest Federation Banquet

SUNDAY - July 23, 1972

7:00 AM - 8:00 AM - Buses depart for Field Trips

10:00 AM - 5:00 PM - 5th Annual Gem Show

NOON - Box lunches at sites

1:00 - 5:00 PM - Collecting

Evening: unscheduled as of now...

MONDAY - JULY 24, 1972

Rock Swap 10:00 AM - 3:00 PM

In addition to the above schedule, Quickie Field Trips are planned for Friday.

PLANNING YOUR VACATION FOR THE SUMMER???...consider the above schedule. Reservation forms may be obtained from LGMC President or Liaison Officer or write Registration Chmn, Lawrence Sain, 818 W. Kaye Ave., Marquette, Michigan 49855. PLEASE NOTE...This convention is limited to 3,000 persons and they want MMF members to receive first attention, though they are not mailing to the individual members. Updating of schedule of events will appear in the various gem and mineral magazines in the coming months.

This Field Trip is limited to the first 3,000 registrants, a limit which was determined by available busses. Field trips will be by BUS ONLY - no cars allowed. Registration is \$15 per person 12 years old and older. Includes shuttle bussing, field trip bussing, pancake feed Friday AM (all you can eat), chicken bar-b-que Friday evening. \$9 per child under 12 providing child sits on lap of parent in busses. \$15 per child reserving seat on bus.

(MORE MMF FIELD TRIP INFO NEXT PAGE)

MWF 1972 FIELD TRIP CONVENTION... a few facts to be considered:

Campers' Application Blanks are available for you campers and dormitory rooms for those without a portable roof, as well as motels and hotels in the area.

You will be assigned to field trips according to where you are staying...buses will pick you up at your motel or camping area. Field trips will be by bus only.

You must have and wear a hard hat, and you must have and wear safety glasses.

You must be registered 30 days or more prior to the Convention...cut-off date is June 19, 1972, and you will have to pick up your registration packet on Thurs. or Fri. prior to Field Trips.

Registration Fee includes: Bus trips and bussing, pancake breakfast on Friday, Chicken Bar-B-Que Friday evening, show pass for four days, bulldozing on two piles, Field Trip Guide expense. Not included in the \$15 registration fee are the box lunches needed for Saturday and Sunday, nor the Annual Banquet and Luncheons.

You are asked to bring a labeled spec for Silent Auction on Friday evening.

A Huge Rock Swap will be held on Monday 10:00 AM until 3:00 PM at Convention Hall

Flies and mosquitoes are available so come prepared. No poisonous snakes, though.

Wear sturdy shoes, sensible clothes, carry rain gear and a jacket. Have extra canvas bags and name tags...a pick-up truck will be assigned to each field trip group of 7 buses.

Remember register early...see Phyllis or Marie for application forms...and be prepared for a fun time with the Ishpeming Rock & Mineral Club hosting the field trip convention of Midwest Federation July 20-24, 1972.

FIND OF A LIFETIME...an emerald crystal, discovered in two pieces, is five inches long and a half inch in diameter and weighs 180 carats! (How about that?) This was found at the American Gem Co. mines in Hiddenite by Gilbert Wooten of Boonville. The article did not state which state but your editor assumes it was North Carolina - right??

ANOTHER GREAT FIND...a series of Pine Mountain Caves that may run as far as 60 miles with some 'rooms' having ceilings of at least 400 feet, found by Ray Love, at Whitesburg, Kentucky, an Appalachian town of 1,800. Ray has two masters degrees and for many years has studied geological formation across the continent.

The caves are said to "make Mammoth Cave look like a baby", and this cave system abounds with natural color - blues, greens, and various shades of browns. An underground river "20 feet deep and crystal clear" runs through the cave, and there is also a 50-foot waterfall. It also contains what Love terms a hole that has a sheer drop of 325 feet. This is to be investigated by the U. S. Forest Service. Love suspects the drop may have been used as an Indian burial ground hundreds of years ago.

A strong wind whips across the deep river in the cave..."brisk enough to ripple the surface of the water, and that means you've got some big openings elsewhere in the cave" which leads Love to believe the cave system to be perhaps the largest in the US. He estimates the cave to be about 5 million years old. It will be preserved as it lies under land comprising the Pine Mountain State park. (via The Geode) Spelunking anyone?

Midwest Federation's NEWSLETTER



Published monthly except July and August as a service to member 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. 119 - November 1971

American Federation Convention, September 3-5

Report from Seattle

The combined conventions and show of the Northwest Federation Mineralogical Societies and the American Federation of Mineralogical Societies was held Sept. 3-6 in the Seattle Coliseum, Seattle, Washington. Fifteen clubs in the Seattle area co-operated as hosts. The show was well arranged, efficiently handled, and the attendance appeared to be excellent. There were 65 dealers, over 80 special displays, a large number of competitive and noncompetitive exhibits.

Midwest Federation participants included Russ McFall who presided at the Editors Breakfast and Seminar, Mrs. June Zeitner who gave the slide lecture "Feathers, Flakes, and Fans" twice, and the Earth Science Club of Northern Illinois with the slide program "Plant Life Through the Ages", presented twice. Verne Montgomery handled the Earth Science table and several MWF members entered competitive exhibits.

Russ MacFall and B. F. (Barney) Parr, represented the Midwest Federation at the annual meeting of the American Federation Directors. Mrs. Walter Steinbrenner of the Midwest Federation was elected Executive Vice President and is in line for the Presidency next year. Mr. Ed Immel of the South Central Federation is the new President.

The American Federation Scholarship Foundation held its annual meeting with Mr. Wm. deNeui of the MWF presiding. A plan was approved to provide at least one scholarship for each Federation starting next year. The method of designating the recipients has been approved and details will be given in a later issue of the Newsletter. Mrs. Walter Steinbrenner was re-elected as Director for the MWF. Mr. deNeui had tendered his resignation as President and the Directors elected Mr. Paul Seel of the Eastern Federation, retiring President of the AFMS as Scholarship Foundation President. Mr. deNeui was honored for his outstanding service to the Foundation.

At the Uniform Rules Committee meeting, Mr. Parr represented the MWF. A report on action taken will be deferred until official minutes are released.

MWF Members Win Two Trophies

There was a fine lineup of competitive exhibits at the National Show. As at any such show, the bulk of the exhibits were from the host region. However, two MWF members came away with AFMS trophies. Norman LaVigne of the Minnesota Mineral Club won AFMS Trophy VI Lapidary, and Richard Lyons of the Richland Lithic and Lapidary Society, Mansfield, Ohio won AFMS Trophy XIII, Jewelry and Metalcraft. Congratulations to these exhibitors.

Five MWF Clubs Honored

Five MWF clubs were named as All American Federation Clubs at the awards banquet during the National Show in Seattle, Sept. 5. There was a total of 25 from all Federations. Selection is based on outstanding service of clubs to members, the community and others. Each winning club received a certificate and trophy. Midwest clubs selected were the Minnesota Mineral Club, Minneapolis, Minn.; Ozark Earth Science Club, Mountain Home, Ark.; Miami Valley Mineral and Gem Club, Fairborn, Ohio; Dallas County Rock Club, Adel, Iowa; Richland Lithic and Lapidary Society, Mansfield, Ohio.

The MWF topped all others with 42 entries and California Federation was second with 29. How about your club entering next year?

Mrs. Roy Meyenberg

MEMBERSHIP COMMITTEE CHAIRMAN

Mrs. Roy Meyenberg, 324 East 243rd Street, Euclid, Ohio 44123 is now Chairman of the Membership Committee, succeeding her late husband whose untimely death was reported in the October Newsletter. Continuing as Assistant is Mrs. Victoria Bobofchak, 2715 Somia Drive, Parma, Ohio 44134.

The new Membership Kit is completed and temporary copies have been sent to the State Directors. Availability of printed kits will be announced soon.

On May 5, 1972

SILVER ANNIVERSARY OF THE AFMS

On May 5, 1972 in the Smithsonian in Washington, D.C. a great event for all of us will take place. The Silver Anniversary celebration of the American Federation of Mineralogical Societies will begin. One of the highlights of this occasion will be a huge birthday cake, decorated in an appropriate manner with cabochons. Each state will be represented by an official cabochon, and arrangements for these will be made by Regional Officers, but we also need hundreds of fine cabochons from clubs and individuals all over the country, for these cabochons will be presented to the Smithsonian Hall of Gems in honor of the 25th birthday of AFMS. Won't you send a birthday present to your Federation, the American Federation?

We are asking that the cabochons be of fairly local material, as the best in America gem materials should grace the Smithsonian's cabochon display. We think fairly large cabs will be easier to display, say between 18x25 mm and 30x40 mm, however this is not a hard and fast rule, and the cabochons need not all be oval, as a variety of shapes will make a more interesting display. Please send with your cabochon the name of the material, where it is found, and the name and address of the club or individual sending it. Honor lists will be made and pictures of the cabs and the cake will be taken. Send these cabs to the Silver Anniversary Committee as soon as possible with an absolute deadline of March 1, 1972. Address Mrs. June Zeitner, Mission, South Dakota 57555.

There will be many other aspects of the initial birthday celebration in Washington, and subsequent Regional and local events, and these will be described later, but in the meantime write a letter to the Citizens Stamp Committee asking for our commemorative stamp, and get busy with some cabs which The National Museum and all of us can be proud of. After all this is the country in which the mineral and lapidary hobby has grown to its present size and importance, so we should be represented by the worlds best cabochons.

-June Zeitner

TIME TO MAKE YOUR PLANS

The Ishpeming Rock and Mineral Club will host the 32nd Annual Field Trip Convention of the Midwest Federation which will be held in conjunction with the 5th Annual Upper Peninsula Gem and Mineral Show on July 19-24, 1972 in Ishpeming, Michigan. Bob Markert is the chairman and his address is Route 1 - Box 620, Ishpeming, Michigan 49849.

NEW MEMBERS

of the Nominating Committee were selected from Slate "A" at the Mansfield Convention. They are Verne Montgomery, a past president and state director, and Russell Greer, Michigan State Director.

EARTH SCIENCE MAGAZINE

"Steps to the Stars" (in your sapphires and rubies), promised for September-October but held over, will appear in the November-December issue. In the same issue June Culp Zeitner gives us an absorbing account of "Minerals From New Mexico's Mines". Scheduled for publication soon are "Basaluminite in Iowa" by Anthony Gricius, "The Petrified Forests of North Dakota" by Dr. Gordon Bell, and "Galena - Missouri's State Mineral" by E. M. Wagner.

WELCOME NEW MEMBER CLUB

We welcome the Black Hills Mineral Society into MWF membership. Address is Box 549, Rapid City, S.D. President is Ralph Henry.



**THIS IS YOUR
LAND**

KEEP IT CLEAN!"

FALL EXECUTIVE MEETING

will be on Saturday, November 20 at the Ramada Inn in Aurora, Illinois. Committee members are reminded to send their advance reports to Jean Reynolds as soon as possible so that they may be pre-printed.

NEW NEBRASKA STATE DIRECTOR

Ralph Shaul, State Director for Nebraska for many years, has retired from the position. He has been replaced by Howard J. Taylor, 910 New Hampshire, Lincoln, Neb. 68508. Howard needs help covering such a large state, particularly in the western areas, and would appreciate hearing from any volunteer assistants who would be willing to represent the MWF in their area of the state. Howard is particularly concerned with helping Nebraska clubs that have any problems, and is anxious to show what the Federation can do for them since the state will host the Midwest convention in 1974.

The Federation thanks Ralph Shaul for his years of fine work throughout the state.

Midwest Federation's NEWSLETTER



Published monthly except July and August as a service to member 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. 120 - December 1971

A message from our new president - Barney Parr

The key to progress - 'Cooperation'

It is a big job that you have handed me. This is made very evident by a review of the work of my recent predecessors, all of whom have set a high standard in organization and accomplishment. It is not a job that can be done alone. It takes the cooperation of many to meet the goals of the Federation so this year, I intend to stress the word cooperation.

One dictionary definition of cooperation is "The association or collective action of persons for their common benefit". This can very easily be amplified into a statement of purpose for the Federation - "An association of independent clubs to take collective action for their common benefit."

Do we really use the word cooperation in its correct sense? I'm afraid that too frequently the co is forgotten. Sometimes we accuse a person of not cooperating when we really mean that he doesn't agree with us or won't do something our way when we haven't even listened to his side. Cooperation works two ways and to be successful, an agreement must be reached.

Now, how can we have greater cooperation?

1. Answer Letters - Since the Federation's work is handled largely by correspondence, the prompt reply to letters is extremely important and the essence of cooperation. Even if you do not have all the information needed, an acknowledgement with promise of a later reply is a big help. When you are asked to take a job, the person writing you, of course, wants a prompt "yes". It is just as important, however, to answer even if it is "no". This can also save the Federation money since it will avoid needless toll phone calls.

2. Meet or Beat Deadlines - Several times during the year forms are sent to all clubs for information needed for specific purposes. The Directory form is one example. The prompt attention of clubs to these requests is an easy form of cooperation.

MWF PROGRAM LIBRARY

Evelyn Hirsch, our Program Chairman, reports that the Double "I" Gem and Mineral Society of Danville, Illinois rented three of the library programs for a showing. One of their members, Frank Coates, narrated tapes of all three programs and the club donated them to the MWF. The tapes will be in the box with these programs with instructions for their use for those clubs booking these programs in the future. The three programs are "Fossil Woods", "Carvings and Craftsmen of Idor-Obersteen Germany", and "Copper Country #2".

The library now has 47 programs available for use by MWF member clubs. We would like to make it 50 by the first of January 1972. Especially needed is a good program on lapidary. If your club would like to supply a program and needs help in its preparation please write to Mrs. Hirsch and she will see that you receive the needed assistance.

3. Suggest - We know that the Federation isn't perfect. Things don't always go smoothly and perhaps everything isn't being done that is desirable. Criticism is welcome but - in the spirit of cooperation - when you criticize, offer an alternative or a way the problem can be corrected.

4. Volunteer - All work in the Federation is voluntary. None of the officers are paid and all committees are staffed with persons who have sufficient interest to do the required work with no compensation. If you can contribute your service in some area, let us know, either directly or through your State Director.

5. Ask - Don't just say, "The Federation never does anything for our club". The Federation makes services available but doesn't force them on any club. The cooperation of club officers is needed to know what is offered and then to ask for it.

Let's have a good year - through cooperation!

UNIFORM RULES CHANGES

The 1972 supplement to the Uniform Rules is being printed and will be available soon. Watch the Newsletter for information on how to obtain this supplement which gives the changes and clarifications approved by the AFMS Uniform Rules Committee at Seattle in September.

TWO NEW STATE DIRECTORS

Mr. John Q. Morris, 1110 Fulton Avenue, Hannibal, Missouri 63401 is the new State Director for Missouri, succeeding Mark Harris, newly elected 2nd Vice President of the Federation. Mr. Morris is an active member of the Pike County Mineral and Gem Society.

Mr. Alex Rosek, Box R, Minocqua, Wisconsin 54848 is taking over the job as Wisconsin State Director from William Funk who has been Director for the past three years and asked to be replaced. Mr. Funk will continue to serve the Federation as an Assistant Director. Mr. Rosek is currently President of the Lakeland Gem Club.

The Federation is grateful to Mr. Harris and Mr. Funk for their fine work and extends best wishes to their successors, Mr. Morris and Mr. Rosek.

A Reminder

CABOCHONS NEEDED FROM MIDWEST

Although each State will contribute an official cabochon for the AFMS Silver Anniversary Celebration, dozens more are needed for the Federation to present the Smithsonian to commemorate the 25th birthday party to be held there next spring.

Individuals, clubs and dealers, are invited to contribute cabs of American gem materials so that the Lapidary hobby will be better represented in the National Museums Hall of Gems. Please send your gift soon.

Here are some of the cabochons needed by Midwest lapidaries to show the world what fine gem materials we have, and how skillful our lapidaries are: Datolite, Kona dolomite, Ohio flint, mozarokite, thomsonite, Lake Superior

THE EXECUTIVE COMMITTEE

of the Midwest Federation met on Saturday, November 20th at the Ramada Inn in Aurora, Illinois. A complete report on this meeting will be made in a future issue of the Newsletter.

agate, chlorastrolite, Petoskey stone, fluorite, coral, chalcedony, jasper, petrified wood, moonstone, labradorite, quartz, Binghamite, rose quartz, Fairburn, Prairie agate, blue agate. What can you contribute?

Mail to Silver Anniversary Committee, c/o June Zeitner, Mission, S. D. 57555.

AT YOUR CLUB SHOW

Here are a few ideas which have proved to be successful at club shows. Perhaps your club would like to use them at your next club show.

1. Be sure your show is listed under "Coming Events" in the Earth Science Magazine. Send the information to Earth Science, Box 550, Downers Grove, Ill. 60515. This is no charge.

2. Have for sale at your MWF booth the MWF Directory, Uniform Rules, and Gem lists. Write Miss Dorothy Gleiser, 1066 Griffith Rd., Lake Forest, Ill. 60045 for the quantities you will need plus other requirements. Contact your State Directors for setting up a booth.

3. Have on display at your MWF booth samples of all MWF material available.

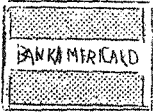
4. Sell subscriptions to Earth Science. For every 5 sold, Earth Science will give a gift subscription in the name of the club to an organization of the club's choice.

5. Have club members assist you at the MWF booth. They will then become better acquainted with all aids the MWF has to offer.

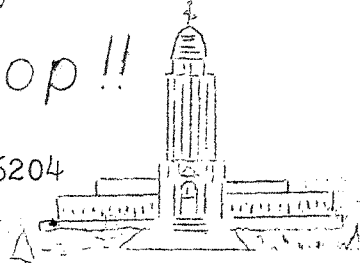
6. Have Earth Science publications for sale. Order the quantities needed from Earth Science. Address above in item #1.

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SAVE COMMEMORATIVE STAMPS - AID REFUGEE CHILDREN

EVVY SEZ - - - -

"Hope to see everybody Thursday, November 18th, 1971
at the 'all new' Victor Anderson Library Auditorium,
Fremont Street and Touzalin Boulevard. Time 7-9.

Subject- 1974 SHOW." Be there!!!

Lincoln Gem & Mineral Club
Box 5342
Lincoln, NE 68505



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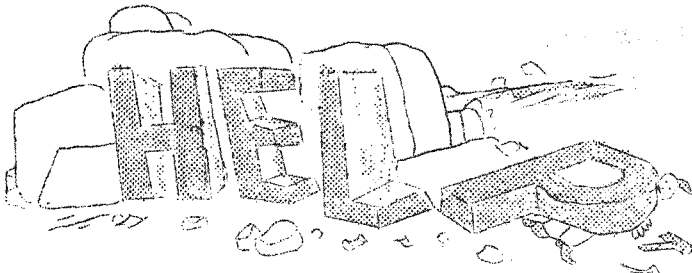
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LGMC Historian
3601 South St.
Lincoln, NB 68506

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

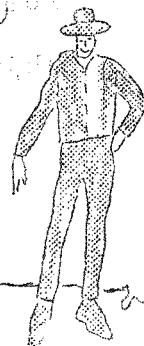
MWF CONVENTION & SHOW - July 22 thru 25 - MANSFIELD, OHIO
N.A.O.E.S.C.I. STATE SHOW-OCTOBER 8 thru 10-OGALLALA, NEBRASKA

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!