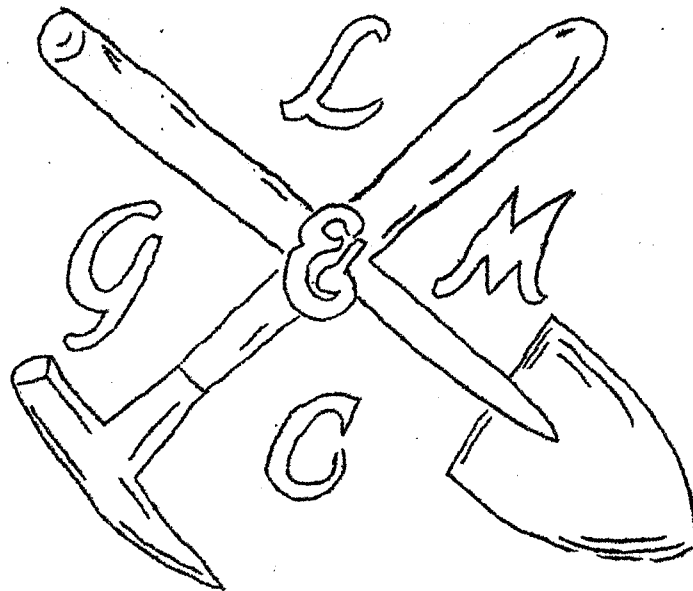


# THE PICK & SHOVEL



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

Box 29356

Lincoln, Nebraska 68529

MAR 1970

Affiliated with

MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES

AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

## THE PICK & SHOVEL

Official publication of Lincoln Gem & Mineral Club, Inc. Box 5342, Lincoln, NE 68505, published Sept. thru May, 10 days prior to the meeting date of the club.

The Lincoln Gem & Mineral Club meets at the W.O.W. Bldg., 734 S. 27th St., Lincoln, NE, on the 4th Sat. of the month, Sept. thru May.

The purpose of this corporation shall be to study, promote an interest in, and disseminate knowledge of lapidary and various Earth Sciences, including but not necessarily limited to geology, paleontology, and mineralogy. It shall be a particular purpose of the corporation to provide education in these fields to its members and the general public, particularly youth and student groups.

### ELECTED OFFICERS FOR 1970

President	Mrs. Phyllis Parks	2435 S. 19th, 68502	423-6798
1st Vice-Pres	Frank Rule	6333 Kearney, 68507	466-0453
2nd Vice-Pres	C. Ray Waddle	2640 Everett, 68504	423-3196
Rec. Sec.	Mrs. Evelyn Ulrich	3521 S. 48th, 68506	488-9051
Treasurer	Ralph Ulrich	3909 Pace Blvd. 68502	423-0419
Board Members	Irl Everett	2941 N. 65th, 68507	466-6204
	Jim Parks	2435 S. 19th, 68502	423-6798
	Roger Pabian	300 Sycamore, 68510	489-3081
	Lynn Wells	2940 Vine, 68503	435-6758

### APPOINTED OFFICERS, CHAIRMEN & COMMITTEES

Liaison Representative	Darline Sprick
Field Trips	Tom Simmons
Program	G. W. McKinney, Frank Marsh, Darline Sprick
Historian-By Laws	Frances Tracy
Library	Kay Ulrich
Membership-Guest Book	Lynn & Marie Wells
Refreshments	Eugene & Marcella Hilton
Coupons - Stamps	Helena Baegl
Show Chairman - 1970	Roger Pabian
Uniform Rules	Frank Rule
Housing & Property	Phyllis & Jim Parks
Rep. to Com. Arts Co.	Edith Holdorf, Norma Miller

STEERING COMMITTEE FOR 1974 FEDERATION SHOW: Ralph Ulrich, Chairman; Gene Eno, Vice-chairman; Irl Everett, Secretary; Bruce Simon, Financial Secretary; and Howard Taylor and Larry Rupert.

Editor Norma Miller, 931 Cottonwood Dr. 68510 489-3956

Co-Editor Phyllis Parks, 2435 S. 19th, 68502 423-6798

(Members of National Association of Bulletin Editors)

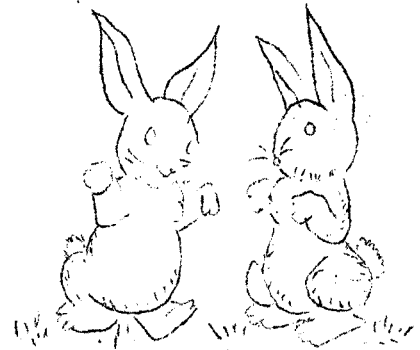
Articles published in the PICK & SHOVEL may be reprinted if credit is given and a copy of the publication sent to the editor. Annual subscription for the PICK & SHOVEL (which is automatically included with full club membership) is \$2.00 per year.

## THIS MONTH

REGULAR MEETING...Sat. March 28, 7:30 PM  
W.O.W. Bldg., 734 S. 27th

PROGRAM...BARBARA ALLEN WILL HAVE ANOTHER OF  
her good slide programs...this one  
titled "A New Look At The Holy Land."

REFRESHMENTS...Coffee and doughnuts. (Members  
will find a small box for coins  
to help defray cost this month.)



DOOR PRIZES...will be furnished by Irl Everett

NEW MEMBERS: Hazel Greenwade, (Mrs. Paul S.)  
Flossie and Lt. Col. Glen L. Litzenberg, 1435 N. 24th, zip 68503  
Phone.432-5672  
Farel L. Hyland, 6934 Francis; zip 68505, ph 466-3387  
Lt. Col. Lee A. Mestas, (will publish addr. next month)

CHANGE OF ADDRESS: Dale Bower, 3618 S. 49th, zip 68506  
Cynthia Payne, 1025 N. 63rd, Bldg. A, Apt 124,  
zip 68505  
LINCOLN GEM & MINERAL CLUB INC...from Box 29356  
to Box 5342, zip 68505

WHO'S WHO...to be printed this month. If there are any changes or  
corrections to your name, address or phone #, contact the editor.

LIBRARY...The Board has allowed a budget for the library with which  
we will purchase covers for our Lapidary Journals and a card index  
to set up a filing system for the books we own. We are planning to  
build a bookcase that can be locked in order to store the books at  
our meeting place. The librarian would like to make a physical count  
of all books that belong to LGMC and requests that all such be brought  
to the May meeting. -K. Ulrich, Librarian

## COMING EVENTS:

Mar. 20-22 Chimney Rock Stone Age Fair, Bayard, Nebr.  
Apr. 3-5 NEBR. ASSN. OF EARTH SCIENCE CLUB STATE SHOW, KEARNEY, NB  
Apr. 4-5 Black Hawk Gem & Min. Soc. Show, Waterloo, IA  
Apr. 11-12 Cedar Valley Rocks & Min. Soc. Show, Cedar Rapids, IA  
Apr. 11-12 Lawrence Gem & Mineral Club Show, Lawrence, KS  
Apr. 17-19 CENTRAL NEBR. ROCK & MIN. CLUB SHOW, HASTINGS, NEBR  
Apr. 18-19 Gun, Coin, ROCK & Antique Show, Bellevue, NEbr.  
Apr. 18-19 SW Kans. Gem & Min. Soc. Show, Garden City, Kans.  
Apr. 18-19 SD State Min. Soc. Show, Sioux Falls, SD  
Apr. 24-26 Wichita Gem & Min. Soc. Show, Wichita, Ks  
May 2-3 All Iowa Rock Roundup, Fairgrounds, Winterset, Ia.  
May 9-10 PANHANDLE ROCK & GEM CLUB SHOW, SCOTTSBLUFF, NEBR.  
May 16-17 Picture City Gem & Min. Soc. Show, Hot Springs, SD  
June 6-7 ROCK -A-BULLY SWAP, FAIRGROUNDS, LEXINGTON, NEBR.  
June 18-21 Gem Fiesta, Convention Center, Ft. Worth, TX  
June 19-20 BEATRICE, NEBR.  
June 27-Jul 4 NAOESCI FIELD TRIP FOR 2 WEEKS+ Farson, Wyo.  
June 19-21 Wyo. Gem & Min. Soc. State Show, Rawlins, Wyo  
July 23-26 MWF Convention & Show, Minneapolis, MN  
Aug. 15-16 NW NEBR. ROCK CLUB SHOW, CRAWFORD, NEBR.  
Sept. 5-7 NEBRASKA MINERAL & GEM CLUB SHOW, OMAHA, NEBR.  
Sept. 26-7 LINCOLN GEM & MIN. CLUB SHOW, LINCOLN, NEBR.

*last month*...the February meeting of LGMC was attended by 72 members, 5 junior members, and 7 visitors. Guests were Mrs. Hilda Oliver, Lt. Col. Lloyd Johnson, Jeff Johnson, Ione Tharnish, Lt. Col. Lee A. Mestas, and Mr. & Mrs. G. L. Litzenberg.

Announcement was made of the State Show, Apr. 3-5 at Hastings, Nebr. and the MWF Show and Convention July 23-26 at Minneapolis, Minn, and that application blanks are available for those wishing to display.

Tom Simmons requested that members add favorite collecting areas to his field trip agenda. Roger Pabian and the Lynn Wells will lead the trip to Weeping Water and Charles Anderson the trip to Genoa and Fullerton. A wagon master is needed for the Marysville, Kansas trip. A showing of pictures of the Grand Canyon on wide screen at Midland College will be incorporated with the Fremont trip. 50 people can be comfortably accommodated in the viewing area, perhaps 70 could squeeze in. Contact the field trip chairman about reservations. There is a small fee for this show. Dates for all of these trips will be announced shortly.

MWF Directories can be ordered through our treasurer Ralph Ulrich, at 50¢ per copy. Shoulder patches with our club insignia may also be ordered for 50¢.

C. Ray Waddle asked that members contact him regarding the donation or loan of colored slides or negatives of club-related activities to be coordinated in a film library for LGMC.

G. W. McKinney was appointed chairman of a committee to study the possibilities of a scholarship fund and make a report at a future date.

Ralph Ulrich reviewed the functional outline of the 1974 Steering Committee for a better understanding of their objectives. It was decided to accept this outline and that those involved should proceed with their designated tasks.

Discussion on membership in the Nebraska Assn. of Earth Science Clubs, Inc (NAOESCI) (the State organization) was held after which it was decided that LGMC would become a member of that organization, and dues should be sent accordingly.

A slide program of historical and beautiful Nebraska was presented by Frank Marsh. Those pictures tend to renew the sense of pride we all have in our beautiful country, especially the lovely sunsets. (Thanks much, Frank.)

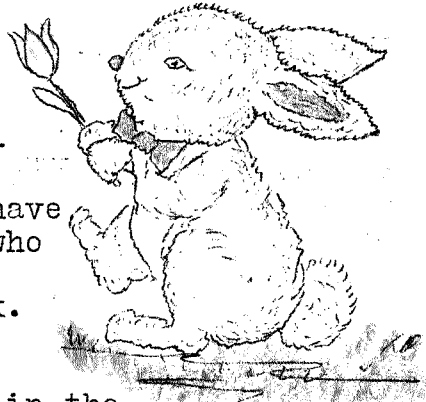
FOR THE LUCK OF THE IRISH - AN OLD IRISH VERSE

May the road rise up to meet you  
 May the wind be always at your back  
 May the sun shine warm upon your face  
 And the rains fall softly upon your fields  
 And until we meet again  
 May God hold you in the palm of His hand

submitted by Marie J. Carveth

From your President:

At the March meeting we shall be one-fourth of the way through 1970. We now have about three-fourths of the committee chairmen needed to do all of the customary things which our members have established as tradition. If there is anyone who desires to help that has not been personally contacted please let me know as I've lost track.



ANNUAL ROCK SWAP- Does it expire for lack of a Chairman? Many people would like to cooperate in the preparations but no person has declared themselves a candidate to lead.

EDUCATION- The possibilities for helping the club here are endless.

We have confirmed a change in meeting night for September and December from the 4th to the 2nd Saturday evening. We shall meet at our regular meeting hall on Sept. 12 for show discussion and necessary business prior to the show. We can hold our Christmas event on December 12 to avoid conflict with other Christmas activities. Our May meeting will include election of the 1970 nominating committee and discussion about the 1971 Show date as suggested by several, with a view to submitting it to the committee which makes up the Nebraska-Land Calendar. We note many events on this years calendar of like nature.

This summer Roger, our Show Chairman, hopes to take advantage of our scheduled meeting night with sessions for all with an interest in advancing their knowledge of competitive rules and skills and showmanship. Perhaps we can use the third one for another informal discussion period. We have many fields of endeavor that could be of benefit and interest to our club. Make your pet ideas known, then help bring them to a successful completion. Volunteer assistance is much happier and more effective than drafted labor.

May you each have a joyous EASTER - then on with the field trips and other activities.

Sincerely,

*Phyllis Parks*

SPECIAL ATTENTION ..PLEASE.... For some years Fred and Jeanette Claus have contributed a trophy in the State Fair Lapidary Section to the contestant who won "Best in Show." Of late, the number of entries has dwindled to just a few and it has been reported to Mrs. Claus that if the competition is not increased this year it will be a discontinued feature. We certainly don't want to see this happen.. for information please call or write Mr. or Mrs. Don Hemphill, 3501 Washington, Lincoln, NE 68506, Phone 488-5996.

LET'S GET ON THIS BAND WAGON...ANYONE WITH LAPIDARY SKILL MAY ENTER.. THE MORE THE MERRIER...NOISE IT AROUND THE OTHER NEBRASKA CLUBS. A great way to boost the hobby. (your editors)

NEWS & NOTES...Edith & William Holdorf are in sunny Mexico for a 3 week vacation (following in the footsteps of Tom & Caroline?). They are hoping to get in some rock hunting, and pictures to share with us we hope. Have a good trip...we want to hear about it.

On the political front...Frank Marsh, member of LGMC, and Sec. of State of the state of Nebraska has tossed his hat in the ring for nomination to the office of Lt. Governor of Nebraska! There's all kinds of excitement coming up with the primary election in the offing...Good Luck, Frank.

Words of appreciation have been received from the families of Dr. Wm. Foxwell and Ed McCall. Also a note of acknowledgement and thanks from the University of Nebraska Foundation for the monetary gift in memory of Dr. Foxwell.

Everett Weber is a member of the Nebraska Army National Guard pistol team which recently won national honors in the battalion level competition. Leading up to the national competition they first won the state and the 5th Army area championship. Silver and bronze medals have been presented, and the Minuteman Trophy for the State competition. Our congrats, Rett!

Our own Dr. John G. Neihardt, Nebraska's Poet Laureate and Prairie Poet Laureate of America, will serve as honorary chairman of the 1970 membership campaign for the Stuhr Museum of the Prairie Pioneer in Grand Island. He also appeared on the NETV program "Everything I Touch" earlier this month.

Irl Everett says to LGMC members in appreciation of the Acting Life Membership award-"Hundreds of words are spoken, thousands of thoughts are thought, but your acts of kindness to me are much, much more."

Our future geologist Rod Woodcock has been asked to be a delegate to the 1970 International Youth Science Fortnight and pre-conference tour of European capitals. He will visit Washington, D.C., Paris, Amsterdam, and Copenhagen, and the conference begins July 23 in London. 450 students from 25 countries will see research laboratories, demonstrations and programs by eminent scientists! This sounds fabulous... let us hear about it when you return Rod, OK?

William Schneider has been hospitalized at Lincoln General Hospital. We wish you a speedy recovery Bill and hope to see you at our April meeting, if not March.

Frank Rule reports that Doris is still hospitalized but appears to be responding to treatment. Keep up the old morale Doris, we're with you.

Kimball and Douglas Simon were featured in an interesting article in the FOCUS on Youth, March 15 Nebraskaland Focus. Seems another of their hobbies is History and Collection of Track Tie Nails. Sounds very interesting and challenging.

A little bird whispered that a few of our members have been getting some Sunday sun in the vicinity of Holmsville. Did you find any nice specimen Roger, Tod and with a second party Darline?

## MINUTES OF BOARD MEETING - Febr. 13, 1970 - Parks Residence.

The Lincoln Gem & Mineral Club board meeting was called to order by president Phyllis Parks at 7:30 PM. Present were Frank Rule, C. Ray Waddle, Ralph Ulrich, Irl Everett, Jim Parks, Lynn Wells, Roger Pabian, and guests Darline Sprick, Norma Miller and Gene Eno. Darline Sprick was appointed to take the minutes in the absence of Evelyn Ulrich.

Minutes of the January meeting were read and approved as read.

Announcements: G. W. McKinney has accepted the post of Chairman on the Program Committee. Mrs. Kay Ulrich has accepted the post of Club Librarian. Mrs. Edith Holdorf will be Delegate to the Community Arts Council. Contracts signed and rent paid for the hall at 732 S. 27th.

Explanation given this board regarding the scholarship proposition to be presented to the general meeting.

Approval given for Roger Pabian to transport Gems on Location to Kearney for the State Show in April. Approval given for securing a new map of the United States and completely redo the legend adding new stones which are now available, as soon as possible.

Irl Everett moved that Gems on Location be placed in Morrill Hall with the gem and mineral displays with the stipulation that it could be taken out by the club for other uses on 24 hours notice. Mr. Waddle seconded and the motion carried.

The Nebraska Association of Earth Science Clubs, Inc. application for membership of Lincoln Gem & Mineral Club was read - Ralph Ulrich moved that the Board present the information to the general meeting in Febr. Second by Frank Rule, motion carried. Mrs. Parks requested that Irl Everett make the presentation and answer any questions that might arise.

Liaison officer reported that letters have been written to MWF and Lapidary Journal regarding the annual show, and MWF announcing 1970 officers and important dates.

Letter from Capital Assn. of Retarded Children read and referred to Scholarship Committee.

Treasurers report read, Irl Everett moved it be accepted as read, second by Roger Pabian, carried. Bills were presented and approved for payment.

The Steering Committee for the 1974 Show reported as follows: Officers selected are Ralph Ulrich, Chairman; Gene Eno, Vice-Chairman; Irl Everett, Secretary; Bruce Simon, Financial Secretary. A Functional Outline has been prepared for the February Pick & Shovel. The committee requested funds for postage, printing, attendance at MWF Council Meetings, (this to cover gas only.) First such meeting April 11 at Iowa City. Frank Rule moved that the Steering Committee be allowed a budget of \$50 for preliminary expenses, second by Mr. Waddle, motion carried.

New Business: Mr. Waddle suggested a permanent file of pictures be prepared from the members collections for a club film library, he is to investigate further.

(continued)

## MINUTES OF BOARD MEETING - Febr. 13, 1970 (continued)

Gene Eno proposed a club project of donations to the University of Nebraska as a Centennial Gift. Ralph Ulrich moved that the Board approve the project as proposed and approve a budget not to exceed \$150 for gem stones not available through donations. Jim Parks seconded and motion carried.

Discussion regarding present situation pertaining to MWF State Director: Ralph Ulrich moved that the Board write their opinion in the form of a positive letter to the Midwest Federation stating that they would prefer to have a State Director centrally located geographically near the remaining Midwest Federation Clubs, possibly Mr. Robert Jennings of Kearney. Second by Frank Rule, motion carried.

Board approved sending our club owned flag of Nebraska to the 1970 MWF Show and Convention for display.

Frank Rule moved for adjournment, second by Roger Pabian, carried.  
-from notes of Darline Sprick, acting for the recording secretary

## MINUTES OF BOARD MEETING-LGMC, MARCH 6, 1970

The meeting was called to order by president Phyllis Parks. April 6 was set as the tentative date for the April board meeting.

The minutes of the Febr. meeting were read and approved. The treasurer's report was given and accepted. He reported there were 114 paid up memberships.

Mr. & Mrs. Glen Litzenberg, Lt. Col. Lee A. Mestas, and Farel L. Hyland were granted membership in LGMC.

Marie Wells, membership chairman, suggested that a form be prepared to be given to new members who have applied for membership and have been approved.

C. Ray Waddle reported that contacts are being made for colored pictures of club activities. A catalog system is to be developed for convenience in use of the films. Pictures will be handled in such a way that they will not be damaged, and they will be returned upon request.

Roger Pabian, 1970 Show chairman, reported on progress being made in the obtaining of dealers for the 1970 Show. Since there will be competitive displays, he suggested that several club members be appointed to serve as apprentices to an experienced judge, thus learning procedures to be followed in judging competitive displays.

Ralph Ulrich reported for the 1974 Show Steering Committee that letters from Mr. MacFall are very encouraging, and that the Midwest Federation will cooperate with us in making the 1974 Show a success.

Our librarian, Kay Ulrich, proposed that a card catalog system be developed for the LGMC library, and that file covers be purchased for the Lapidary Journals. It was moved that she be allowed necessary funds for library expenses, the motion was seconded and carried.

(continued next page)

MINUTES OF LGMC BOARD MEETING, March 6, 1970 (continued)

Norma Miller, editor of Pick & Shovel, reported that we are informed by the Community Arts Council that, as a member organization, we are entitled to mailing service under permits granted to the Council. This means that we can save money and time on our bulk mailing since the Council is qualified to mail as a non-profit organization, provided we meet certain specifications.

Darline Sprick, liaison, informed the Board that a letter from Mr. MacFall states that efforts will be made to obtain a State Director that will be satisfactory to all clubs members.

Irl Everett reported that contacts have been made for some excellent feature displays. Of special interest will be a rhodochrosite display, dinosaur bones, petroglyphics, Indian artifacts, Nebraska slides by Frank Marsh, and a gold casting demonstration.

Howard Taylor, Phyllis Parks, C. Ray Waddle, and Ralph Ulrich were appointed to serve as delegates to the Nebraska Association of Earth Science Clubs, Inc. State Show at Kearney April 3-5.

A proposal was made that the nominating committee be elected in May.

Irl Everett volunteered to donate door prizes for the March meeting. Mr. Waddle suggested a "Help Yourself" box of rocks be made available at the general meetings.

The mailing address for LGMC has been changed from P.O. Box 29356 to read P. O. Box 5342, Lincoln, NE 63505.

Outstanding bills were presented by the treasurer and they were approved, and the meeting was adjourned.

-respectfully submitted by Evelyn Ulrich, Rec. Sec.

GEMS ON LOCATION...Recent developments on our major club lapidary display include identification of several of the unknown. Also, in January the Apache Tear, #86, was replaced by one cut from a stone received of Mr. Harry Gragg, Petoskey stone # 18, was replaced by one cut and polished by Mr. Paul Greenwade. In March as the map is being prepared for the display at the State Show in Kearney on April 3, 4, & 5, we received a flowered jasper cab from material collected by Mr. Charles Anderson near Yosemite National Park in California, and cut by Tom Simmons. Tom also added rhodocrosite from just west of Cripple Creek, Colorado, a fine apple green jade from the Red Desert in Wyoming and a palm wood from the Sabine River area in Texas. We are attempting to locate a new map and will accept any stones available for the open areas on the map. (Oops-I seem to have left the second 'h' off rhodochrosite)

"It's easy to be an angel if no one ruffles your feathers."

Happy Easter!!

## 1 9 7 0     S T A T E   R O C K   S H O W   O F

NEBRASKA ASSOCIATION OF EARTH SCIENCE CLUBS INC. (NAOESCI)  
hosted by the Fort Kearney Rock Club, Inc.

April 3-5, 1970, Cushing Coliseum, Kearney, Nebr.

Doors will open for displayers at 6:00 PM, Thursday, April 2.  
Swap table open Sat. and Sun. - Come and Go for those unable to  
stay. Guards on duty...door prizes...snack bar...exhibitors  
admitted free. Apr. 3 & 4 -9AM to 9PM, Apr. 5 - 9AM to 5:30 PM

Extra application blanks for exhibitors available. Contact Phyllis

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The response to our application for membership in the Nebraska  
Association has been most gratifying. Especially to those of us  
whose belief in the value of a state organization has grown as the  
Association has grown.

We received a phone call from the 1970 Show Chairman, Mr. Robert  
Jennings of Kearney only a few hours after the news was circulated.  
His expression was that he had heard the Good News and wanted to  
welcome LGMC into the Association. He asked for a membership list  
so they could mail individual flyers and invitations to each of us.

Prompt action was taken on the application as pre-signed NAOESCI  
membership cards were sent for each adult member. We hope that you  
will pick them up at the March meeting. Mr. Harvey Kenfield also  
wrote a short letter of acknowledgment, news that Scottsbluff has  
also recently joined the association making a total of 15 clubs.  
They also sent authorization for our club to have 4 delegates at  
the 1970 business meeting, to be held April 5, at 10:00 A.M., in  
Cushing Coliseum. This will be election of 1971 officers, and any  
other business deemed necessary.

We also received a letter from Mr. Leonard S. Silver, President of  
the Ft. Kearney Rock Club, Inc., which reads " I observed at your  
last show many outstanding items that I had not seen at any other  
show. Therefore, I want to invite your club to display at the  
State Rock Show which the Ft. Kearney Rock Club will host next  
April 3, 4, & 5 in Kearney. Sincerely, Leonard S. Silver, President."

With such enthusiastic response it is my hope that several members  
will be able to share their displays and help promote the relation-  
ship for which the association was formed.

-submitted by Phyllis Parks

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As members of the Association the club will receive copies of the  
NAOESCI News which is published bimonthly. It is our understanding  
that if any members wish individual copies they may be purchased  
for 75¢ per year.

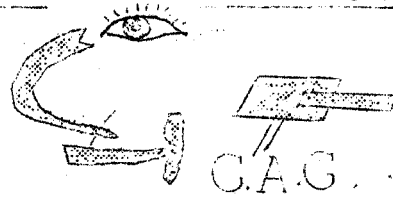
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DON'T FORGET - April 17-18-19, 1970 - Show at Hastings, Nebr.

This is the annual show of the Central Nebraska Rock and Mineral  
Club held at the Hastings City Auditorium, where we always meet old  
friends and acquaintances. See you there.

## COMMUNITY ARTS COUNCIL

The February meeting was held at Kimball Recital Hall and attended by your representatives, Edith Holdorf and Norma Miller.



Of particular interest to members of LGMC was the information that all member organizations of the Community Arts Council are now eligible to mail under a non-profit organization mailing permit authorized by the Post Office. This will represent a considerable savings each month at the 1.6¢ rate for bulk mail instead of the minimum 6¢ postage we have been paying to mail your copy of The Pick & Shovel.

Miller & Paine has been named as Lincoln's entry in a nationwide competition for U. S. corporations deemed outstanding in their support of the arts, it was announced. Twenty firms across the United States will receive awards in the competition, which is co-sponsored by Esquire magazine and the Business Committee for the Arts. The Council said Miller & Paine has cooperated with institutions and organizations needing a central location for art displays, contests and meetings; has purchased and placed in its permanent collection a representative selection of works of art produced by Nebraska artists, and has produced one-man shows which otherwise might not have been possible for native artists whose work reflects pioneer life.

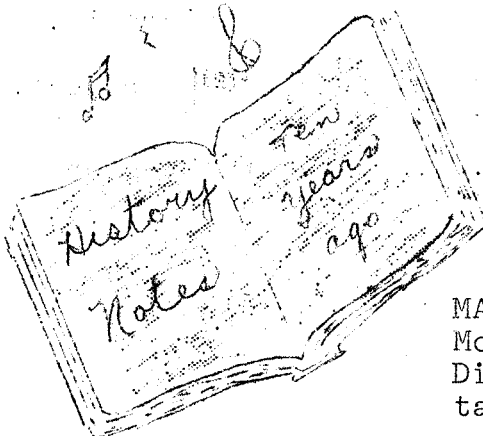
Also discussed was a proposal by the Lincoln Public Schools to explore the feasibility of a Community Arts Center under the Adult Education Division.

Mr. Dalrymple spoke briefly for the Library and the needs of its downtown location for additional facilities for cultural activities and displays.

The point was made that the ideas outlined by the City Schools and the needs of the Library are complementary and should be developed as part of a total approach to the provision of adequate facilities for the arts in the community.

An interesting slide presentation was made showing the facilities of the Westbrook Music Building and the Kimball Recital Hall, followed by a brief tour through the Recital Hall.

-Edith Holdorf, Representative to the Community Arts Council



FEBRUARY 1960...Our regular meeting was held at Morrill Hall with president Virgil Carveth calling the meeting to order. Thirty members were present. Dr. Robert Gibson, Dick Hedges, John Lewis and Maruice Tracy presented a round table discussion on lapidary procedures.

MARCH 1960...The regular meeting held at Morrill Hall with thirty-one members present. Dick Hedges displayed and gave an interesting talk on micromounts and thumbnail specimens.

## STEERING COMMITTEE, 1974 PROJECT

First of all we want to thank each and every member for your attention to the functional outline which was published in last month's bulletin. Your vote of approval was what we needed to continue on with our development of the plans.

We also received a good word from Mr. Russell MacFall, president of the Midwest Federation and Mr. Leo Yanasak, chairman of the show advisory committee for the Midwest Federation. They furnished answers to many of our questions and Leo gave us some approximate figures on attendance at past shows, space requirements, etc. Two items of particular interest were mentioned in the letter from Mr. MacFall. He extended a direct invitation to our committee to be represented at the meetings of the executive council of the Midwest Federation. Thus we know that they are interested in our progress and that they stand ready to be of assistance and to offer guidance whenever possible. They will be able to furnish help in obtaining exhibits, on publicity and with general arrangements. The other item concerned our relationship with the other Nebraska clubs. He emphasized the importance of good cordial relationships so that we could operate in a friendly atmosphere. We of the Lincoln Gem & Mineral Club have taken an important step in this direction when we voted to join the Nebraska Association of Earth Science Clubs, Inc. We are now a part of the organization that concerns itself with all the clubs in the State.

The work on the policy file is moving along. We hope to have the policy file completed and the duties of the Chairmen outlined by early fall. Then we can move forward without having to be interrupted by policy decisions. The policy concerning the organization of the show director and his staff has been compiled and is ready for final critique and editing. We have a good policy concerning publicity and advertising and the duties are very well defined.

We will continue with research and investigation this summer by attending as many meetings with other organizations as possible and by visiting as many shows as we can, with our eyes open and ears alert for any bit of information and advice.

We do need some help from you other club members though. When you come upon any bit of information about a show, for instance special displays, some unique advertising feature or anything outstanding, please take the name and address, or take a picture and pass the information along to the Steering Committee. We will appreciate it.

--Ralph Ulrich, Chairman Steering Committee 1974 Project.

MINERAL PAMPHLET AVAILABLE...from the U. S. Dept. of Interior - a 90 page guide covering minerals, released points of interest in all 50 states, from 150 year old mines of Alabama to the uranium pits and oil fields in Wyoming. Designed for the auto tourist. Send 35¢ to: Supt. of Documents, U.S. Gov't. Printing Office, Washington, D.C. 20402. Ask for "Mining and Mineral Operations in the United States - A Visitor's Guide".

- via Arrowhead Chips and Magic Valley Gem News

## 1970 SHOW NOTES

It is my pleasure to announce two important positions have been filled for our 1970 show. Bruce Simon has consented to be Dealer Chairman, and Frank Rule has consented to be Uniform Rules Chairman.

Bruce has agreed to submit a list of dealers for the show, as soon as it is completed, for publication. We have had requests from a number of dealers for booth space. We hope this list will be completed in time for the May or June P & S. It appears that the 50-50 plan (half new dealers and half repeats) may work out well. We will stick as close to this policy as possible. Save your money to spend at their booths.

Part of the duties of the Uniform Rules Chairman (or his committee) includes the procurement of adequate ribbons and trophies. It is planned to have trophies for all major categories - e.g. lapidary, fossils, minerals, and best-in-show, etc. It is not planned to purchase trophies for minor categories as 10 best cabochons, cabochons in commercial mountings, invertebrate fossils, minerals collected by exhibitors, etc.

Our forthcoming show will be the first one we will have as a member club of NAOESCI. This means our standards will have to be at their usual high. Competitive exhibits will doubtlessly bring contestants from fellow NAOESCI club members. Our club contestants will have to work very hard to win over many of the fine exhibits that may be entered. For this reason, in a summer month a meeting will be devoted to uniform rules and another month to preparing competitive exhibits. My own judging experience shows that most competitors who do not win are unfamiliar with the uniform rules.

Several slide programs have already been arranged for our show. Frank Marsh will show some of his Nebraska slides and Vern Souders will show slides of Australia, including some slides of the opal fields.

One of the super attractions of the show will be an electronic device that enables one to listen to Thunder Eggs thunder. This machine was developed in 1903 by Professors Meeh and Worthless who were searching for the Northwest Passage at the time.

We are preparing 500 handbills to be distributed at the NAOESCI Show at Kearney. The hand bills will be printed with the club press. It is intended to do most of our own printing for the show. Hand bills, programs, entry forms for competitive exhibits, and other small printing jobs will be done with club equipment. I'm sure our printers would appreciate some volunteers to help on their monumental task.

I have had in mind a poster painting project. This would consist of a bunch of members, the more the merrier, who would paint up water color posters for display in stores, service stations, and other local businesses. The object would be for no two posters to be alike. Many student organizations at the university use this method of advertising very effectively. Let's hear from all of the potential poster painters. This is your chance to plug your club in your own

(-continued next page)

## 1970 SHOW NOTES (continued)

words and your own way, and have a lot of fun too.

As we go to press, I am very pleased to announce that Howard Taylor has consented to be Floor Chairman for our show. Howard's duties will consist of helping get the dealers and feature exhibitors set up, and in locating the competitive and non-competitive exhibits. Though Howard's job can be stated in a short sentence, let none of us forget that he will be working directly with several hundred people, and every bit of cooperation we can give will be needed and appreciated.

The show is beginning to take shape. Our reserve of talent is great and for this I am thankful. There are a number of openings to be filled yet. - programs, publicity, and so on. There are a lot of openings.

- Roger Pabian - 1970 Show Chairman

MORE FACTS FROM STAN GREENWADE as taken from "Geology, Principles & Processes, by Emmons, Thiel, Stauffer & Allison:

P. 121: Estimated total annual rainfall upon land areas of the earth is approximately 26,000 cubic miles. About 1/5 of this amount is carried off directly by streams.

P. 152: The lifting action of frost has been found to be as high as 14 tons per square foot.

P. 172: The Mississippi River's estimated annual discharge into the Gulf of Mexico: Water - 22,000,000,000,000 cubic feet.  
Containing in suspension - 340,500,000 tons  
Rolling on bottom - 40,000,000 tons  
Carrying in solution - 136,400,000 tons  
Total load of rock waste - 516,900,000 tons

An estimated 800,000,000 + tons of material are carried by the U. S. rivers annually.

P. 173: The Mississippi River and its tributaries drain an approximate area of 1,265,000 square miles. This basin is being lowered at the average rate of about 1 foot every 9,000 years.

P. 223: Ice is a rock of a single mineral that always occurs in the crystalline form. So, glacial motion is movement by rock flowage.

P. 264: The rate of recession of the last ice sheet in North America has been calculated and shows, for example, that 4,300 years were required for the ice to retreat 135 miles up the Connecticut River Valley from Hartford, Connecticut to St. Johnsbury, Vt.

CORRECTION....to Stan's facts printed last month in P & S

P. 20-21 The Earth...Diameter - 7,900 miles (not 7,9000)

Area - nearly 200 million sq. miles (196+)

ALSO...it was reported that Tom Simmons (on his trip to Mexico) collected about "40 lbs" of meteorite...this should have read about "40 pieces". (Editor was dreaming? Or was it wishing?)

SOME METHODS FOR CUTTING AND POLISHING LAKE SUPERIOR AGATES

PART II by Roger K. Pabian

Generally speaking, men's jewelry consists of rings, tie clasps, tie tacks, and bolo ties. These five items fall into three categories of cuts. Rings, tie clasps, and tie tacks essentially require one type of treatment. Bolo ties and cuff links each require separate methods of cutting.

Stones for rings and tie clasps generally are small and rarely exceed dimensions twenty by fourteen millimeters. These are usually flat topped squares or rectangles, or rounded to semi rounded rectangular stones. Agate usually presents the best effects when the cabochon is rounded. A very popular cut is achieved by rounding a rectangular stone to a semi cylindrical shape and faceting the ends perpendicular to the stone's short axis. This cut is popularly called the half barrel.

When choosing a stone for a man's ring or tie set, it pays to look for a stone of bright colors which may have an optical effect, as shadowing, which is pronounced to the point of being exaggerated. Suppose, for example, the stone that is to be cut consists of essentially parallel bands which are uninterrupted by changes of direction. The best effect can be obtained by cutting the agate in a way such that the bands will be parallel to the long axis. If there are any striking bands, as a wide, white one, it pays to center this band so that it parallels the long axis of the stone, even at the expense of reducing the size of the finished product.

If there are abrupt changes in the direction of the bands, a desirable stone can be produced by making the point where the prominent band changes direction the center of the finished work.

The "escape tube" of an agate results when the bands of an agate point toward the exterior of the nodule and converge at a central point. This represents a point from which liquid silica escaped from the nodule due to the compression caused by the shrinking of the cooling basalts. This structure can provide some exceptional materials for rings and tie sets. The escape tube provides for the gradual "pinching out" of bands. Many of the bands will appear to have "pinched out" before reaching the surface of the nodule because their thickness will be microscopic. Often an exceptional stone can be the product of centering the point where it appears that a prominent band is "pinching out", and then cutting the material in a way such that the prominent band is parallel to the long axis of the stone but off center. The effect is that of stone pouring out of stone. In some instances the effect is so stunning that the stone will command additional premiums as cash at sale or prizes at gem shows.

Well centered, complete patterns which come from small agates form some very desirable jewelry pieces. Complete patterns call for careful centering if the best effect is desired. It is not sufficient to make the smallest visible band the center of the stone. We must, by essentially "eye-ball" methods, locate a point about which the entire stone is centered. Let us call this point the  
(continued next page)

## METHODS FOR CUTTING &amp; POLISHING LAKE SUPERIOR AGATES-PART II (cont'd.)

"geographic center" of the stone. Determining the geographic center of an agate is perhaps one of the most difficult phases of cutting and is usually learned only through experience. Making a careful study of well cut, complete agates will aid the cutter in finding the geographic center of the stone. The cutter must also remember that he wants to locate the geographic center of the finished stone, not the rough stone. A mis-located geographic center will produce at most a very lop-sided looking stone. It is easiest to fix the geographic center of the finished stone by first determining what will be the long axis of the stone. Once the long axis of the stone is fixed, it is much easier for the cutter to determine the limits of the short axis which will allow fixing the desired center. In any case, allow twenty five percent of the area for waste, as this will broaden the limits in which the center can be placed.

(continued next month)

FOR YOU FOSSIL FANS...here is a little ditty via the Mineral Information Service, San Francisco, California.

## A PREFERENCE IN CRUSTAL DOWNWARPS

Oh the Miogeosyncline is the only one for me!  
 Its lovely orthoquartzites once were winnowed by the sea,  
 Its glittering calcarenites are crystalline and pure,  
 And since the Mio has the bio, fossils add allure.  
 Heirs of bio in the Mio, fossils are for sure.

By contrast, how uncouth the geosyncline known as Eu,  
 With Polymict conglomerates, and cherts and lavas too,  
 And thirty thousand feet of silt and dirty sandy clay!  
 If your wish inclines toward flysch, here's the place to play.  
 Yes, if flysch is what you wish, this is where you stay.

But not for me. And not for me the Zeugo (Greek for 'yoke')  
 Or all those other offbeat types about which people joke.  
 I'll stay with Mio facies, formed in Mio topes marine,  
 And when the air turns warmer and the countryside is green  
 I'll take my hammer in my hand and make the Mio scene.

- Robert L. Bates

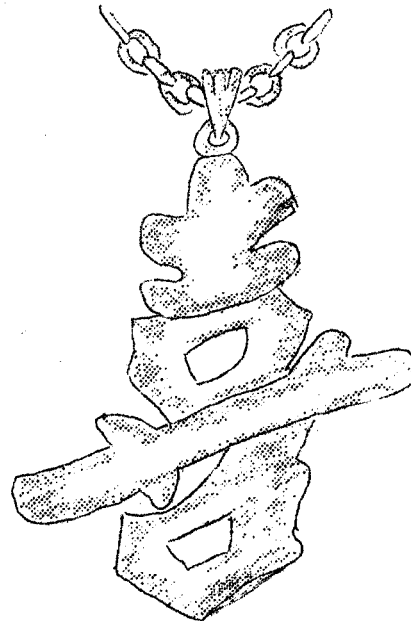
CORRECTION...It has been called to my attention that in the article of tribute to Professor Foxwell it was erroneously stated that the American Federation Show was to be held in Minnesota in June... please correct this - the Midwest Federation will hold a Convention and Show in Minneapolis, Minnesota, Air conditioned Convention Center

Via THE OPAL comes this project for the silversmith by Harry E. Peterson, titled HAPPINESS PIN. Chinese Symbols translated into English read HAPPINESS.

- Step 1:** Transfer design to a piece of Ga. 18 silver. Drill holes for saw blade in sections to be cut out, also one hole for the bail on the top of the design.
- Step 2:** Saw cut the 3 openings, then the entire outline. File and emery all edges. You might want to hammer this piece for a more hand-made effect. This should be done after chasing lines.
- Step 3:** Chase lines separating the four individual letters making up the symbol, also a line separating the top loop. Dome the design slightly from the back, using a rounded hammer on wood. See that the piece is fairly flat, then buff and polish. Finally attach the bail and chain.



Pattern with chased lines



Finished pendant

(How about it silversmiths of LGMC? Would you care to furnish me with a pattern and instructions to pass on in our exchange bulletins next month? Ed.)

DID YOU KNOW...that brass bowls are used by the Gallongs of India as money? One is always given by the father of the bride to his new son-in-law as the girl's dowry. (Ripley's Believe-it-or-not.)

SPACE TALK: Lady applying for job at NASA answered question on form 57 relating to "age" with - "39 and holding." (me, too.)

TRUE OF FALSE: "It's a good thing we are not getting all the government we are paying for."

-the above via The Opal, also

## THE LAST OF THE 1969 "DIRTY DOZEN"

It would seem that I might not get the "Dirty Dozen" home from their 1969 trip in time to pack for the 1970 safari.....In November I mentioned briefly the excursion into turtle territory and our short encounter with a landowner. I'd like to elaborate on this to some extent. Since a lack of knowledge is no excuse if the owner would choose to prosecute, it is essential that each rockhound prepare himself with every bit of information possible and take no chances of putting himself in jeopardy.

This is especially true in Nebraska which now has L1216, passed on August 14, 1969, with the emergency clause. It reads "Whoever shall other than an emergency, purposely and knowingly enter or be upon the property of another person, without being invited, licensed, or privileged to do so, shall be deemed guilty of trespassing and shall, on conviction thereof be punished by imprisonment in the county jail, for not more than 6 months, or by a fine of not more than \$500.00, or by both fine and imprisonment." This is the first time a punishment clause has been included in the trespassing laws and should do much to limit the actions of lawbreakers.

Our encounter with the landowner in question ended on a pleasant note after we had expressed our most sincere wishes not to violate the laws of our state and our lack of knowledge that we were no longer on the public lands which we knew were open for public use.

Please remember all Lincoln Gem and Mineral Club members and any others who might have occasion to read this - make certain of your rights and the rights of others before starting out on any excursion. Maps of most public lands are available if you make the request. We have a very fine one of the Oglala Grassland and of the Pine Ridge area with public lands marked very plainly. One thing we learned for the person unfamiliar with the areas - all public pastures are marked with a number at the gate going into the pasture. If you do not see a number as you approach on the roadway it means you would be entering private property.

We headed once again toward the open hills where rocks lay like candy in a dish, and a barefoot boy would be uncomfortable. Big rocks, little rocks, red, yellow, green, brown- jaspers, prairie agate, with an occasional Fairburn to ~~make~~ the hunting interesting. We hunted several hills and made a rare number of finds before Tom led us out of Fairburn land. As we crossed the highway the Parks left the group and made their way homeward.

Tom took Pappy and the Olivers into the area where chalcedony roses are found as they had never collected here previously. Olivers were the next ones to head for home, happy and ready to go off on such a trek again at the first opportunity.

Tom and Pappy stayed on several days and had some very interesting hunts and excursions. It appears to have been Pappy's first trip into that area - but not his last I'm sure from his enthusiasm.

I'm sure all of the Dirty Dozen will join me in thanks to Tom for being such a good "Wagon Master". We're waiting for the next trip.

submitted by Phyllis

## MICROMOUNTS, AND HOW TO PREPARE THEM

Preparing micromounts is a gadgeteer's paradise, as all kinds of small tools and devices can be used, none of which need to be expensive. To begin with, something is needed to make little rocks out of big ones. The usual assortment of picks and chisels are OK to start with if used with caution. It is usually important to avoid pounding too hard, as this is apt to jar small crystals loose or fracture them. Don't forget that the microscope magnified the defects as well as beauties of the specimens. After the specimen is trimmed to the approximate size desired, it is time to use a pair of nippers to do the final shaping. Tile nippers, the kind with C-shaped jaws which do not completely close together, are the most useful. The trimming we are talking about here is that required when the specimen is in a tiny vug, for example, and it is necessary to trim off the surrounding rock. Individual crystals can, of course, be mounted without any matrix. It will often be found, however, that crystals on matrix or in vugs are more attractive.

Cleaning is usually required to remove dust and dirt that accumulates during the trimming process. The principles are the same as for larger specimens and need not be described in detail here. Sometimes blowing on the specimen is enough; washing in alcohol or a mild detergent is the most common method. Alcohol is good because it dries fast and does not harm most minerals.

Micro specimens are mounted in small plastic boxes about 7/8" square. The object is to protect the specimen and to provide an unobstrusive background which does not detract from optimum viewing of the specimen. You can buy black boxes, but they are shiny; the best way is to buy clear ones and paint them with a dull black enamel. Get a good grade with good hiding power. Also use a good brush, one that is about 1/2 inch wide and it shouldn't cost more than 75¢ and will do very well. The cheap ones are worse than useless. Before painting, take a stick about the diameter of a lead pencil and glue a disc of fine sandpaper on the end. Use this to make a frosted area in the center of the bottom of the box to prevent the mounting peg from breaking loose by pulling the paint away from the box.

Pegs for mounting the specimens can be made from balsa wood, small corks, pins, toothpicks, etc. The best is balsa wood which can be obtained at a hobby-shop in long sticks. Get a couple of sizes from about 1/8 to 1/4 inch square and paint them with dull black enamel. When cutting them to size you will need to touch up places where the bare wood shows; black liquid shoe polish or black marking ink is needed for this.

Duco cement is the best all around cement for mounting the specimen to the peg and the peg to the box. A single-edge razor blade is best for trimming the peg. Glue the peg to the bottom of the specimen, let it dry and then trim the peg so the top of the specimen will be just below the edge of the box when mounted in order to clear the lid. Then glue the peg to the center of the box. Use great care to center the peg in the box and to use an absolute minimum of glue or else it will look messy under the microscope. The object is to have the

(continued next page)

## MICROMOUNTS, AND HOW TO PREPARE THEM (continued)

specimen appear to float in mid-air with the peg concealed under the specimen and no glue showing. Good workmanship is very important.

These are the bare minimum of instructions. My advice is to stick to the more or less standard ways of doing things. However there is nothing to stop you from doing it any way you like, such as painting the boxes different colors. This is OK if it enhances the beauty of the specimen, but usually it is better to make the mount as inconspicuous as possible in order to show it to its best advantage.

There are various kinds of gadgets that are useful in this work. Dental picks are good for cleaning specimens, prying off broken crystals, etc. Gauges for trimming pegs can be easily made out of a piece of wood. Racks for drying specimens over the microscope lamp can be made out of clothes pins and pieces of screen, and so on.

Labels are the hardest things to make. There is no easy way of achieving the neat professional look. The most practical idea is to get white adhesive labels at the stationery store and letter or write the legend with a fine point pen. Some of the very best labels are made by typing the legend on a sheet of paper and photographing it at exactly the right distance so that a contact print will be the desired size for a label. You have to be really crazy about both photography and micromounting and also have a lot of time to do it this way. If you wish to go in for competition, it is worth it, though.

For many other good tips and information on micromounting, read "Speck's" column in *Gems & Minerals*, and watch for his book which is to be published.

via The Convair Tektite & The Rock Licker

Via Skagit Gems, Mt. Vernon, Washington we print in part:

Why Not display in Competition? Since the word "COMPETITION" seems to frighten some folks and because education is one of the main facets of our club, it may help some if I add here part of a letter written by Joseph Crow, Northwest Federation President:

"What does COMPETITION mean?"

I submit that the meaning of 'competition' was originally "The educational opportunity to submit one's work and accomplishments as an Earth Science hobbyist to the inspection, evaluation and constructive criticism of those whose experience and achievements in the field give them recognized qualifications, so that the exhibitor may gain the benefit of these evaluations to assist and speed the enjoyment and upgrading of his efforts in his hobby."

This concept was instituted at the Federation level so that the widest educational opportunity would be available for hobbyists from the entire Northwest, and so that the Club which would host the Federation Show would have sufficient quantities of exhibits so a big show could be economically feasible."

(Interesting words to consider, Ed.)

# Midwest Federation's NEWSLETTER

Published monthly except July & August as a Service to Member Clubs  
Editor: Haydon Peterson, Route 5 - Box 229, Des Moines, Ia. 50317



Issue No. 103 - March 1970

## THE 1970 MIDWEST CONVENTION IS TAKING SHAPE

The Twin Cities are not only the home of such enterprising companies as 3-M and Honeywell and Brown & Biglow and Pillsbury flour; they are also the home of the Minnesota Mineral Club, which is just as enterprising in its preparations to be host to the 1970 Midwest Federation convention and show on July 23, 24, 25 and 26. A visit in St. Paul with the chairman and some of his committee heads late in January indicated that the club is full of enthusiasm for the show and is well advanced in its planning.

It shapes up as a show worthy of one of the largest and most active groups in the Federation. The meeting place is ideal... a huge municipal auditorium in the heart of the Minneapolis business district and close to freeways. The new auditorium is air conditioned and so large that it will be possible to hold all convention affairs on ground level. The club has contracted for 46,000 square feet of space, which is more than an acre, well lighted and with plenty of electric power for lighting displays and power-demonstrations. If needed, more space is available.

Contracts have been made with 34 carefully selected dealers from all over the country, including several new to conventions in the Midwest, and with three machinery manufacturers and 12 wholesalers. Space will be divided off with air walls to isolate the wholesalers and to provide a soundproof places for convention meetings and lectures. Loading docks along one side will make it convenient for dealers and wholesalers to bring in their material.

The central core of the exhibition space will be reserved for competitive exhibits, and special and educational exhibits will be given a place of honor at one end of the central area.

A large and well operated cafeteria adjoins the exhibition space to provide visitors with convenient meals of their own choice. The banquet will be held on the Saturday night, July 25, of the show in a large room on the mezzanine floor. The banquet will be catered by the operators of the cafeteria.

A number of special exhibits including carved flowers, sand paintings, exhibits from the Smithsonian and Lizzadro museums, and displays of precious stones have been promised, and some new and never-displayed surprises will be

## YOUR BUDGET NEEDED

Executive Committee state directors and chairmen should submit their budgets to the Federation Treasurer, B. G. Dahlberg, 5744 Standish Avenue, Minneapolis, Minnesota 55417, at once so that he can report his budget to the Committee at its spring meeting.

announced later. Security plans are in the hands of a professional company.

Arrangements are being made to provide space for campers on the outskirts of the city and for bus service to link this area with the auditorium. It is likely that a swap session will be in continuous operation at this outlying area. Arrangements for field trips and tours of mineral-related industries are being arranged with the Minnesota tourist bureau and with local industries.

Armin Steinhauser is general chairman of the show. His address is 1571 Raymond Street, St. Paul, Minnesota 55113, and Rex Webb, 2600 87 1/2 Street, Bloomington, Minnesota 55431, is co-chairman. Application for space for the special, educational and competitive display space should be made to Mrs. Marion Anderson, 3749 47th Avenue South, Minneapolis, Minnesota. The show will have, according to my notes, room for nearly 500 exhibits, and the Minnesota Mineral Club will build a number of cases for those exhibitors who can not provide their own.

All signs point to a show that will challenge the best of the past, so mark your calendar and oil up the car or camper for the trip. Minneapolis is a summer resort; in July it should be delightful. -Russell P. MacFall

## THE ARCHIVES COMMITTEE

and the Historian are appealing to all clubs in the Federation to see that a history of your club is in the files. We hope at some time to publish histories of all affiliated clubs and feel that no club would like to be omitted from such a publication. If your club has not sent in a recent history will you do so as soon as possible. Send your history to the MWF Historian, Elsie Popejoy, 410 Grant Street, Normal, Illinois 61761.

## THE AFMS SCHOLARSHIP FOUNDATION

The establishment of the Foundation was authorized in the By-Laws of the American Federation of Mineralogical Societies many years ago.

### ORGANIZATION

The Foundation was incorporated as the AFMS Scholarship Foundation, Inc., a Minnesota corporation, on March 18, 1964. A tax exemption certificate was obtained from the Internal Revenue Service on November 6, 1964.

Members, the equivalent of stockholders in a commercial corporation, are the directors and officers of the American Federation, 18 in number.

A board of directors is elected by the members. The vice president of the Foundation is automatically a director. . . others (six, at present) are elected at large by the members. The board has the management of the Foundation.

The board elects a president, a treasurer and a secretary, each for two-year terms, staggered to insure continuity of management. The president of the Federation is always the vice president of the Foundation. The Foundation, while an independent corporation, is entirely in the control of Federation personnel.

### PURPOSE OF THE FOUNDATION

The object of the Foundation is to accumulate a fund, the income from which is to be used to finance scholarships. The principle cannot be spent for any purpose whatever, hence the usefulness of the fund is perpetual.

### AWARDS TO BENEFICIARY STUDENTS

Each year, 1965-66, 1966-67, and 1967-68, one student received two annual grants to help him achieve a master's degree in any of the earth sciences.

As the fund, and hence the income from it, increased, the grants were increased, and in subsequent years, more students received grants.

The first, to Victor Lee, (Colorado School of Mines), was for two \$300 grants. The second, to Richard Bideaux, (Harvard University), was for two \$400 grants. The third, to Robert Cook, (Georgia University), was for two \$500 grants. The fourth (year) there were two students. . . William M. Dalness, and Stephen B. Olmore, both University of Utah and each received one \$500 grant, whereupon their Master's work was completed. For the current school season, 1969-70, one additional student will be selected to receive the unused portion of the two-year awards made the fourth year. This same season, 1969-70, three additional students received awards. . . Byron Ristvet, (Northwestern University), two \$500 grants; Alan F. Edwards, (University of Oregon), two \$500 grants; Robert Rich, (Harvard University), two \$500 grants.

Grants are restricted to graduate students to avoid expenditure of money on students who are not committed to earth science subjects. Any student working toward his master's degree is presumed to have decided to follow that field for his lifetime vocation, insofar as such decision is possible. Since our joint interests lie in that field, grants are restricted to earth science students.

### SELECTION OF BENEFICIARY STUDENTS

Annually, each of the six regional federations, thru electors appointed by the regional officers, selects two persons of prominence in the earth science field. From among these 12 persons the Foundation's jury of awards selects one name. That person, normally associated with a prominent university or college, selects the schools, and the students, who are to receive the grants.

This indirect method serves our purpose perfectly in that it benefits needy students, yet avoids the enormous task and expense of receiving, sifting and evaluating applications from hundreds or thousands of applicants which would otherwise be necessary if selection were made by ourselves in the conventional manner.

### THE FUND

The scholarship fund, stands at approximately \$75,000. With the exception of a few hundred dollars received from outside organizations, the entire amount has been donated by earth science clubs and societies thruout the entire nation, and by individual members of such groups.

100 Percenter Certificates are presented to those clubs whose gifts equal \$1 per member. 200%, 300% etc. seals, for attachment to the 100 Percenter certificates, are presented when such status has been reached, while plaques are presented when 500% and 1000% status has been achieved.

Betty Crocker coupons, (General Mills products), are accepted and turned in to General Mills at 1/2 cent each. Approximately 10 percent of the fund comes from this source.

### GIFTS

All gifts to the AFMS Scholarship Foundation are tax-deductible to the donor. Gifts should be sent to each regional federation's scholarship chairman, who will see that the donor receives proper credit. He will forward the gifts, whether coupons or money, to the proper foundation officer.

### GOALS FOR THE FUTURE

Driving down the road, we see our first horizon. . . a rise just ahead. Having surmounted that, do we stop when such attractive further vistas and horizons appear? By no means!

The fund has achieved its first "horizon" . . . \$50,000, (is, in fact, well beyond that); and what do we see? Wonderful additional opportunities for service and help for more and more students.

So let's keep driving right ahead, surmounting horizon after horizon. What can we possibly lose? . . . and what unending help we can give! - by W. H. de Neui, President

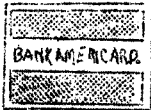
### A NOTE FROM EARTH SCIENCE

We think the lead article in our March-April issue is worth the price of a year's subscription. It is Fossil Collecting in the Driftless Area of Minnesota by Dr. Thomas N. Bayer of Winona State College. Silicified wood is the topic of another good article, and we observe March 17th with Ireland Before Patrick. . . Acknowledgements are due the many Midwest Federation people who assist us with articles. We hope you did not miss Howard Shanks' Making Thin Section Peels From Coal Balls and Amel Priest's The Pella Beds of Iowa in January-February. Roy Meyenberg assisted us in obtaining William Hlavin's Paleozoic Vertebrate Occurrences in Ohio in the same issue, and Jean Dahlberg directed us to Dr. Bayer. Thanks, all of you.

-Mary Cornwell

### GEOLOGY MUSEUM AWARDS

The two individuals or groups, the one amateur and the other engaged in earth science materials as a business or profession, who offer as donations to the Geology Museum, University of Missouri at Kansas City, during the March 6-8, 1970 Gem and Mineral Show, the specimen, collection, or display judged most desirable by the Department of Geology for its permanent collection, will each be awarded a cash prize of \$50. Entries will be on display during the show and winning selections will be made on Saturday, March 7.



# CLAUS



## LAPIDARY - CERAMICS

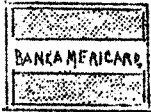
2639 WEST O STREET

PHONE 435-2300

SOMETHING NEW HAS BEEN ADDED AT OUR SHOP...

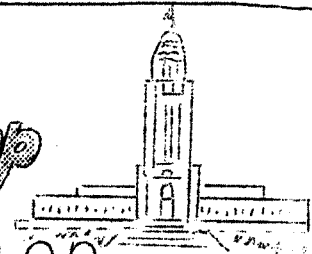
WE ARE NOW STOCKING SILVER FOR SILVERSMITHING!!!

ALSO - ANOTHER SHIPMENT OF TANZANITE IS IN FOR THE FACETER  
CONTRIBUTOR OF "BEST IN SHOW" TROPHY-NEBRASKA STATE FAIR COMPETITION



## Everett Lapidary Shop

capitol city's first rock shop



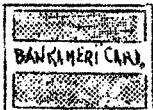
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1.6¢ PAID  
Lincoln, NB.  
Permit No. 176

Lincoln Gem & Mineral Club  
Box ~~29356~~  
Lincoln, NB ~~68529~~

Member:

Community Arts Council

To

HISTORIAN F. TRACY  
3601 South St.  
Lincoln, NE 68506

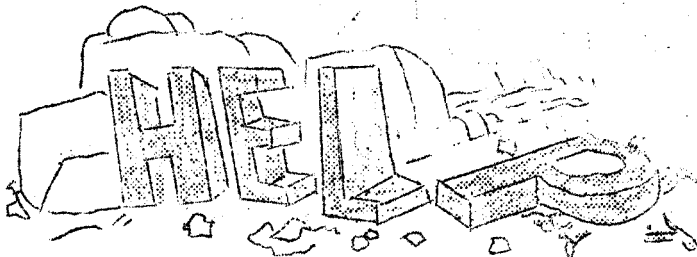
Lincoln Gem & Mineral Club Annual Show - September 26-27, 1970  
Pershing Municipal Auditorium

SAVE GENERAL MILLS COUPONS - AFMS SCHOLARSHIP FUND  
(each coupon worth one-half cent)

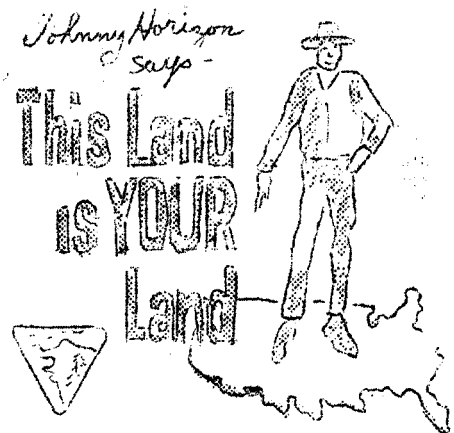
SAVE COMMEMORATIVE STAMPS - AID REFUGEE CHILDREN

USE CLUB AND FEDERATION EMBLEMS - STICKERS - PATCHES

THEME FOR 1970 - "CONSERVATION" - RUSSELL MACFALL, MWF PRESIDENT



HELP ELIMINATE LITTER PLEASE . . . .



KEEP IT CLEAN!