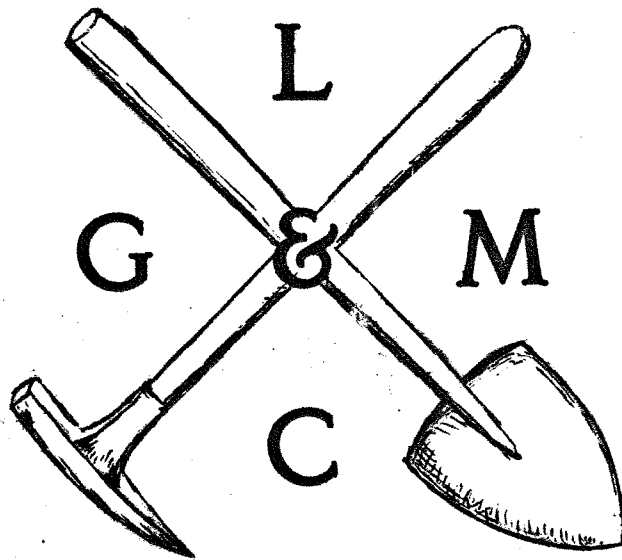


THE PICK & SHOVEL



APR - - 1974

OFFICIAL PUBLICATION OF

LINCOLN GEM & MINERAL CLUB

HOST OF COMBINED

MWF-AFMS NATIONAL SHOW AND CONVENTION
AND NEBRASKA STATE SHOW

JUNE 13-16, 1974
LINCOLN, NEBRASKA

CALENDAR



Regular Meeting: Saturday, April 27, 1974, 7:30 p.m.
W.O.W. Bldg., 734 So. 27th St.

Program: Did you know that there are snow-free valleys in the Antarctic? Dr. Samuel Treves, geologist from the University of Nebraska and projects director for the Dry Valley Drilling Project in the Antarctic this past winter, will present our April program. This was Dr. Treves' seventh season of exploration in the Antarctic, and he will have some interesting material on the geologic history of the region. Dr. Treves was featured in the Jan. 29 '74 issue of Science News magazine.

Refreshments: Will be served by the Refreshment Committee.

Museum Volunteers: Friday evenings at 7:30 p.m., Nebraska Hall. Enter west door, take elevator to 4th floor.

LGMC Board of Directors meeting: May 2, 7:30 p.m., at the Larry Bigley home, 6126 Hartley.

Dates to Remember

- Apr. 20-21 St. Joseph, MO--Missouri Valley Gem and Mineral Soc. Show, Ramada Inn, Hwy. 6 & Intst. 29.
- Apr. 20-21 Garden City, KS--Southwest Kansas Gem and Mineral Soc. Show, National Guard Armory.
- Apr. 26-28 Wichita, SK--Wichita Gem and Mineral Soc. Show, Cessna Activity Center.
- Apr. 27-28 Cedar Rapids, IA--Cedar Valley Rocks & Mineral Soc. Show, Hawkeye Downs, south edge of Cedar Rapids.
- Apr. 27-28 Chadron, NE--Chadron State Earth Science Rock Club Show, Ballroom Kliene Campus Center Bldg.
- Apr. 27-28 Sioux Falls, SD--Sioux Empire Gem & Mineral Soc. Show, Masonic Temple, 1st Ave. & 14th St.
- May 3- 5 Hastings, NE--Central Nebraska Rock and Mineral Soc. Show
- May 4- 5 Watertown, SD--South Dakota State Gem and Mineral Soc. Show, City Auditorium.
- May 10-12 Gering, NE--Panhandle Rock & Gem Club Show, National Guard Armory
- May 18-19 Ellinwood, KS--Rock Swap, City Park; No Admission
- May 18-19 Hot Springs, SD--Picture City Gem & Mineral Soc. Show, City Auditorium.
- May 25-26 Ayr, NE--Central Nebraska Rock & Mineral Society Swap, Crystal Lake.
- June 7- 9 Cheyenne, WY--Rocky Mountain Fed. & Wyo. Fed. of Mineral Societies Combined Convention and Show.
- June 13-16 Lincoln, NE--AFMS, MWF, and NAOESCI Show, Hosted by Lincoln Gem and Mineral Club, State Fair Grounds.
- June 29-30 Beatrice, NE--Nebraska State Rock Swap, Sponsored by Homestead Gem and Mineral Club, Chautauqua Park.
- Aug. 17-18 Chadron, NE--N.W. Rock Club Show.
- Sept. 20-22 Kimball, NE Plains Rock and Mineral Show, 4-H Bldg.

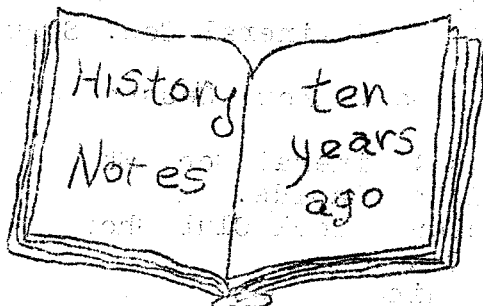
For March 1974 Pick & Shovel---

Correction: See page 15. Field Trip News, line 4. Substitute Rock Swap close to Great Bend, KS instead of South Bend, IA.

LAST MONTH.....There were 46 members and 6 guests present at the March meeting of the LGMC. Visitors were: Bill and Merland Redington, Kyong Soo Park of Korea, Ansel Maw, Denna and Donna Hornung, and Mel Gertz.

After the business meeting, an illustrated talk was given by Dr. Don Edwards of the University Engineering Dept. Pictures taken by the Earth Resources Technology Satellite were shown and explained. It would seem that such pictures are very useful for land use management, such as irrigation prevention of erosion, and other problems dealing with conservation. Images are received every 18 days; a multispectral scanner 565 miles above the earth makes a complete revolution around the earth every 2 hours. It makes 7 passes to completely cover Nebraska. The quality of water in lakes and rivers can be determined by these images--clear water showing up as darker than water containing silt. Vegetation shows up darker than barren areas such as the Sand Hills. Irrigation systems show up quite plainly. Nebraska uses more center pivots than any other state. Features can be brought out by the use of filters. Pictures in which infra-red rays are used are very beautiful, resembling cubistic art and patchwork quilts.

Following the program, refreshments were served by Dorothy Engelhart, Ruth Krejci, Luella Paul, and Hazel Greenwade.



From Club Historian-
Frances Tracy

VP Everett Weber was in charge of our April meeting at the Roberts Dairy Party Room.

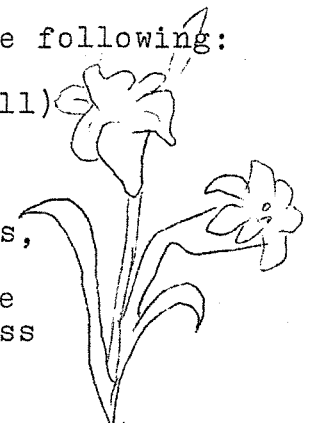
A discussion was held regarding our club hosting a Midwest Federation Show, possibly in 1967. Irl Everett presented some facts and figures on the Des Moines show. (Note - this was 1964 - 10 years ago - and now in 1974 we are realizing that dream of a MWF show as well as American Federation.)

Dr. & Mrs. F. S. Lange showed slides and movies of their trip to Hawaii. Of special interest were the movies of night action of a volcano.



Vaja Con Dios - May God be with you.

Cards were sent in the past month to the following:
C. Ray Waddle (Get well)
Ralph Bass, Vermillion, SD (Get well)
The Fred Claus Family (Sympathy)

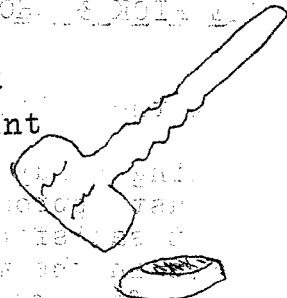


IN MEMORIAM

We were saddened to hear of the passing of Fred Claus, a former member of LGMC. Mr. Claus passed away April 4th at 9:00 p.m. in Loveland, Colorado. Funeral services were held at Kibby Funeral Home, April 7th. Mrs. Claus' address is: 9019 West U.S. Hwy. 34, Loveland CO 80537

Art Howlett wishes to thank members of the LGMC for the get well cards and telephone calls while he was patient at Bryan Memorial Hospital.

THE PRESIDENT'S MESSAGE



This particular year each of us will have an opportunity to expand our concepts, to reach out for a wider viewpoint of our earth science hobby. For instance, the programs presented at our general meetings have emphasized this. In January it was comets, in February it was a hand reaching out to all Club members in the U. S. and Canada inviting them to the National Show, and in March we were presented pictures and slides of Nebraska and the Midwest taken by the Earth Resources Technology Satellite from 567 miles up. During the time Dr. Edwards was presenting and explaining the program, I experienced a building up of enthusiasm about our space exploration programs. I can imagine all the good things that could come from the capability to see such a vast area of our environment at one sitting and to study the results of certain alterations. We could certainly use this knowledge to guide our efforts toward a more noble existence.

I realize that each of our adult members and each of our junior members are unique, and that each may contribute in his own way according to his desire and ability. Some have the broad view of earth science while others offer their services a little closer to home. All are valuable and welcome.

As I was checking the membership list, I began to realize how few of our present Club members have actually attended a National Show. The number that have attended a regional federation show or participated in the Federation affairs is also very small. Thus we realize that for many who are working toward the big National Show this is a new experience--sort of like blazing a trail through the jungle. All the big trees and boulders were cleared away earlier in the program. Some of the underbrush still could be hacked away to make the job a little more complete. We do want our trail to be smooth and pleasant; therefore, let us guard against having any debris collect or develop from the other activities. This debris is the junk we don't need such as negativism, dissention, or hostility. Our Club is widely known as the Club with a high degree of hospitality, and we will live up to that expectation both during our daily activities and when our guests arrive in June.

---Ralph Ulrich, President
 of the Lincoln Gem and Mineral Club, Inc.

Neihardt Medals

A letter from Robert M. Vassell announces the edition of sterling silver medals, made by the Franklin Mint, commemorating the literary achievements of the late John G. Neihardt. He describes the medal thus: "The obverse will feature the legend Epic Poet of the West, a profile of the poet, Dr. Neihardt's dates (1881-1973), and the name John G. Neihardt. The reverse will carry, in cyclic fashion around the rim, the titles of his 'Songs': THREE FRIENDS, HUGH GLASS, JED SMITH, INDIAN WARS, MESSIAH, plus in the center, the words, A CYCLE OF THE WEST."

Further information on the Neihardt medals may be obtained by sending a stamped self-addressed envelope to Robert M. Vassell, 520 N. 86th St. Omaha, NE 68114.

From the Editor's Desk

Getting ready for the Big Show gets more exciting every day. The time is fast approaching. Seeing plans materialize brings a feeling of great satisfaction. We have had wonderful cooperation from our Nebraska Clubs in the making of favors, centerpieces, menu covers, and place cards for the Awards Banquet, Luncheons, and Editors' Breakfast. Beautiful things have been brought to us which represent hours of work, and they have been so freely given. We appreciate the spirit in which they are given even more than the articles themselves. It just goes to prove what wonderful people Rock Hounds are.

Hearing about all the exciting activities our Special Events Director, Marie Taylor, has in store for us really makes us anxious for the Show date to arrive. She has done a wonderful job, and deserves a lot of praise. She has spent many hours in planning, corresponding, and making her final arrangements.

From all indications this is going to be a great Show. We are so glad that the gasoline situation is improving. Last reports from the AAA state that at least 30% of the gas stations are opening on Sunday. By Show time, conditions will no doubt be even better.

There are a lot of last minute things to be done, so let's all get on the ball. We may not be the "Big Wheel", but we can all be the little nuts that hold the wheel on tight.

WHEELS

By Willard Lee Krout, Sr.

I remember when a wheel was just a thing that went around
And helped to keep your wagonbed 'way up off of the ground.
But now a wheel is different, or this is what they say,
A Wheel's the guy who runs the show and mostly has his way.

Now there's a lot more to it than meets the naked eye
It takes a lot of little spokes to help the "high-up" guy.
Every wheel must have a hub to hold an even keel
Without a hub and set of spokes, there isn't any wheel.

I'll never be a "Big Wheel"; There's not much use to try,
I'm sure 'twill be much better run by some other guy.
But I'll be in there pitching and put up quite a fight
Just to be the little nut, that holds the wheel on tight.

Nugget News, via Rock Talk

NOTICE - SPECIAL EVENT - 1974 NATIONAL SHOW

Everyone is excited about the opening of the National Show. Don't miss the fun of the opening nite barbecue. Be sure to make your reservations early. Send your check for \$4.00 each by May 25th to Norma Miller, 931 Cottonwood Drive, Lincoln NB 68510. Make checks payable to Lincoln Gem & Mineral Club, Inc.

from The Allens, Barbara & Hal, Director of
Special Events

1974 SHOW COMMITTEE MINUTES - March 14, 1974

The March 14th meeting of the Show Committee for the 1974 National Show was held at Nebraska Hall. Those present were: Irl Everett, Roger Pabian, Bruce Simon, John Harrison, George Balke, Larry Bigley, Frank Rule, Ray Grabber, Marie Taylor, Howard Taylor, Tom Simmons, Marie Wells, Norma Miller, Ralph Ulrich, Barbara Allen, Hazel Baumeister and Evelyn Ulrich.

Show Director, Irl Everett, emphasized the necessity for cooperation and finalizing plans. He called for close contacts between directors and committee-men, with each one knowing what is expected of him. A suggestion for personal files was made which would contain ideas that would be beneficial to some one else putting on a show of this magnitude.

Ralph Ulrich requested that all Show Directors and Committee-men attend the Showman's Seminar to be held at the Nebraska State Fairgrounds on Friday, June 14th at 5:00 PM. He reported that:

Howard Taylor is Coordinator for the stamp program.

University Housing can furnish only after reservations at hotels and motels have been filled.

Mini buses might be run to the Fairgrounds, city buses could be franchised for \$12.00 per hour with a minimum of 2 hour's use. A schedule of 8:30-9:30 A.M., 11:30 A.M.-2:30 P.M., 6:00 P.M.-11:00 P.M., a total of 9 hours was suggested.

City parks may be declared campgrounds for a slight charge.

Fairgrounds will be closed except at the entrance.

Tickets are being taken care of, 4-day passes for \$5.00 will permit visitors to come and go at will. Without a pass, a ticket must be purchased at each entry to the Fairgrounds. 7000 4-day passes are to be printed. Roger Simmons will print for \$25.00 or less. He will be on hand to print extra ones if needed.

A meeting with Larry Hammer concerning menus has been scheduled for Monday, March 18.

Marie Taylor reported that:

The Rocky Mountain Federation will not come to the show.

A proclamation is being prepared to be presented to Gov. Exon for his approval and signing proclaiming June 10-16 as Rockhound Week with May 8 the date for the proclamation to be issued. At that time the proclamation will be made public via all Nebraska newspaper and those of neighboring states.

Ribbon-cutting ceremonies will be held at 8:30 A.M.

Tom Rule will take pictures for the Club Archives.

Professional photographers will be on hand.

Norma Miller reported that:

129 clubs-6,518 names responded for packet mailing. All other clubs in all other Federations were sent 2 packets each. 8,367 packets were mailed with 100 sent since. 980 lbs. of mail was sent. Postage was \$137.15.

8,000 Amtrak brochures are on hand for distribution.

Florence Boring is Meals Chairman.

All items for banquets, luncheons, and breakfasts are in except those from Nebraska City.

Hovland-Swanson requests the names of all registrants for advertising purposes.

Ralph Ulrich moved that no names be released to anyone. Marie Wells seconded the motion which carried.

The question arose-Should the Chamber of Commerce handle the housing of visitors to the show? Marie Wells moved that any requests for housing be turned over to the Chamber of Commerce if they will do it for no charge. Barbara Allen seconded the motion which carried.

50 lbs. of blue agate (our state gem stone) was given to the L.C.M.C. by Frank Marsh. It is being tumbled by Tom Simmons and will be given to those presenting their tickets at the Awards Banquet.

continued next side

1974 SHOW COMMITTEE MINUTES, March 14, 1974 (continued)

An error was made on the preregistration brochure as to cost of the 4-day pass. It was listed as \$5.00. Should have been \$4.00 to preregistrants. Receipts will be marked "Overpaid". Refund is to be claimed on arrival.

Hazel Baumeister will assist Norma at the registration desk.

Marie Wells reported that:

Displays were made at all Library Branches and the First National Bank. The cost of insurance was \$50.00

A slide program advertising the Show was given on Fri. and Sat. at the Kansas City Show. The banner was there also and 28 white hats were sold.

Members are urged to wear their white hats.

An account of advertising expenses was given. It was recommended that Marie should meet with the Budget Committee to determine how much she will be allowed for local advertising.

A request has been made for a 30-minute period on the Morning Show to be devoted to promoting the Show and Rockhound Week.

Marie plans to have the '74 Show program printed in the center of the June issue of Lapidary Journal. The program must be in the Lapidary Journal office by April 20.

John Harrison reported that:

Pay telephones will be installed in the Show buildings at the Fairgrounds-also outside. The telephone numbers were given and are appearing in the March issue of the Pick & Shovel.

Decorations cost about \$7,600.

Parking lot rules will be handed out at the Registration Booth.

There will be a First Aid Station in the Administration Bldg.

P. A. Systems are available at 3 for \$15.00 each. Additional units can cost as much as \$40.00 each.

Insurance has been taken care of.

Maps will be available to dealers.

Howard Taylor reported that:

Sherman's have cancelled out of Show. Are closing shop.

Julius Sabian from Great Neck, N.Y. is being negotiated to replace them.

Ultra-Violet Products from California will be at the Show.

30th Wholesale Dealer has been contracted.

50th Retail Dealer is being negotiated.

10 Manufacturers and 9 Demonstrators contracted. 1 more demonstrator to be contracted.

The Stamp Club will hold stamp-issuing ceremonies at 10:30 A.M. on Opening Day. They figure a 5,000,000 first day coverage. A cancellation machine will be there.

A motion was made by Marie Wells that advertisements be sold to pay the cost of printing the official program. John Harrison seconded the motion which carried.

George Balke reported that:

Coordinated Services of Omaha, Nebr. will provide security for a cost of \$4,144.66 plus the cost of an accountant. The maximum amount allowed for security was \$6,000.00. They will serve as guards, look after traffic, take tickets, etc.

Ray Crabber reported that decorations will amount to close to \$8,000.00. This includes tables, covers, signs, etc.

Vouchers must have the right Director's name.

Barbara Allen reported that:

The Cafeteria will be open 6:30 A.M.-7:00 P.M. with a full menu.

Barbecue tickets will cost \$4.00.

Field trip guides will be handed out at the Show.

continued next side

1974 SHOW COMMITTEE MEETING - March 14, 1974 (continued)

Roger Pabian reported that:

Applications for over 500 cases have been made.

Uniform Rules must be followed for competitive displays.

Faceting Judges are needed. Must be approved by AFMS and MWF Uniform Rules.

All judging will be Thursday and Friday.

Members on Show Committees are not eligible as judges. The Omaha Club will loan cases if we transport them.

A tour of the Fairgrounds will be made Sunday, March 24 at 2:00 P.M.

Next meeting March 28th at Nebraska Hall. Adjournment 10:50 P.M.

Respectfully submitted by Evelyn Ulrich, Acting Secy.

1974 SHOW COMMITTEE MEETING - March 28, 1974

Present for the 7:30 to 9 meeting at Victor Anderson Library were Show Director Irl Everett, Division Directors Ralph Ulrich, Marie Wells, Norma Miller, Howard and Marie Taylor, Roger Pabian, John Harrison, Ray Grabher, Bob Bainbridge, Bruce Simon, Jim and Phyllis Parks; committee members Frank Rule, Lois Everett, Tom & Roger Simmons.

Reports in Brief -

Marie Wells- Advertising budget all used up with coverage to be on KFOR for spot announcements and shows at Fairgrounds on Sunday. $\frac{1}{2}$ page ad Midland Magazine; ads in Lincoln and Omaha newspapers, possibly on KFAB.

Ray Grabher reported total income to date \$7,380 and total paid out \$4,156.52. Any committed expenses should be submitted to Bruce Simon for the budget.

Marie Taylor- Proclamation is now at Statehouse to be signed by Governor. Another program has been secured for the Saturday Night show visitors. The 'Rolling Rock Hounds' have requested a table.

Marie Wells made a motion that if the Show Chairman of the 1975 National Show, hosted by the Rocky Mountain Federation Club in Denver requests space to advertise their show, they be extended the courtesy of space at our show, if the request comes by May 1st. Second by Norma Miller. Discussion. Passed with 2 opposing votes.

Norma Miller- Registrations are coming in daily and envelopes for registrants tickets and materials are being readied.

Ralph Ulrich- Meals are all planned as to menu and coordinated with Nebraska Center. Passes are being processed. Requests are coming for information on hunting areas etc.

Jim Parks- Lowest estimate for an 8 page is \$1,400.00 for 20,000 programs. So far requests are in for 1,585 ribbons. Discussion on awards certificates, courtesy, no decisions.

Tom Simmons reported that REACT has been contacted for cooperation in radio contact.

John Harrison- Needed to ad a couple of lecture rooms. Have selected the Concessions Building just south of the Administration Building. He made a motion that we sign contract, pay rent of \$200 for 4 days, arrange decorating etc. as necessary. Second Howard Taylor, carried.

Meeting adjourned as time had expired.

Respectfully submitted-Phyllis Parks, Secy..

March Minutes of the Lincoln Gem & Mineral Club
Board Meeting

The Lincoln Gem & Mineral Club Board Meeting was held March 7, 1974 in room 122 at Nebraska Hall, 7:30 P.M..

Board Members present: Ralph Ulrich, John Harrison, Jr., Nelda Oliver, Howard Taylor, Frank Rule and Larry Bigley.

Committee members: Marita Bigley, Roger Pabian and Larry Van Cleave.

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

Treasurer will report at the General Meeting

A discussion on who has not paid their dues. Harry Gragg has not been paid. Treasure to check with John Lewis to see how Harry's dues are paid. 23 members have not paid. Marita Bigley to call these members.

New member application for Duane Neeman, a junior member with a sponser. Motion by Howard Taylor to approve Duane Neeman to membership, seconded by Larry Bigley. Motion carried.

Application for reinstatement of the William Denio family. Motion by Howard Taylor to allow reinstatement of Denio family, seconded by Larry Bigley. Motion carried.

An explanation of a commorative Who's Who was given by the President, Ralph Ulrich. Motion by Howard Taylor after discussion to allow \$49.50 to print 300 Who's Who books, seconded by Larry Bigley. Motion carried. The 'T' on 'Host To' will be corrected to look more like a 'T'.

A discussion on a lost check for dues was held. The treasure has \$1.00 shortage due to lack of registration fee. Motion by Frank Rule to wave the \$1.00 error from last year due to lost check and clear the treasurers books, seconded by John Harrison. Motion carried.

The Treasurer needs three locking bags for 'night deposit' for the 1974 show. After discussion a motion by Frank Rule the club be authorized to purchase three bags for night depository at a cost of \$9.00. These will be club property. Seconded by John Harrison. Motion carried. One opposed.

Bills were read by the President. Motion by Frank Rule to allow bills as read, seconded by John Harrison. Motion carries.

Roger Pabian gave a report on his education 'Time Scale' program. Next meeting April 10, 1974 at Marita Bigley's home, 7:30 P.M.

May meeting will have two programs by the Pebble Puns 4-H group. A first aid for field trips and a skit about time travel.

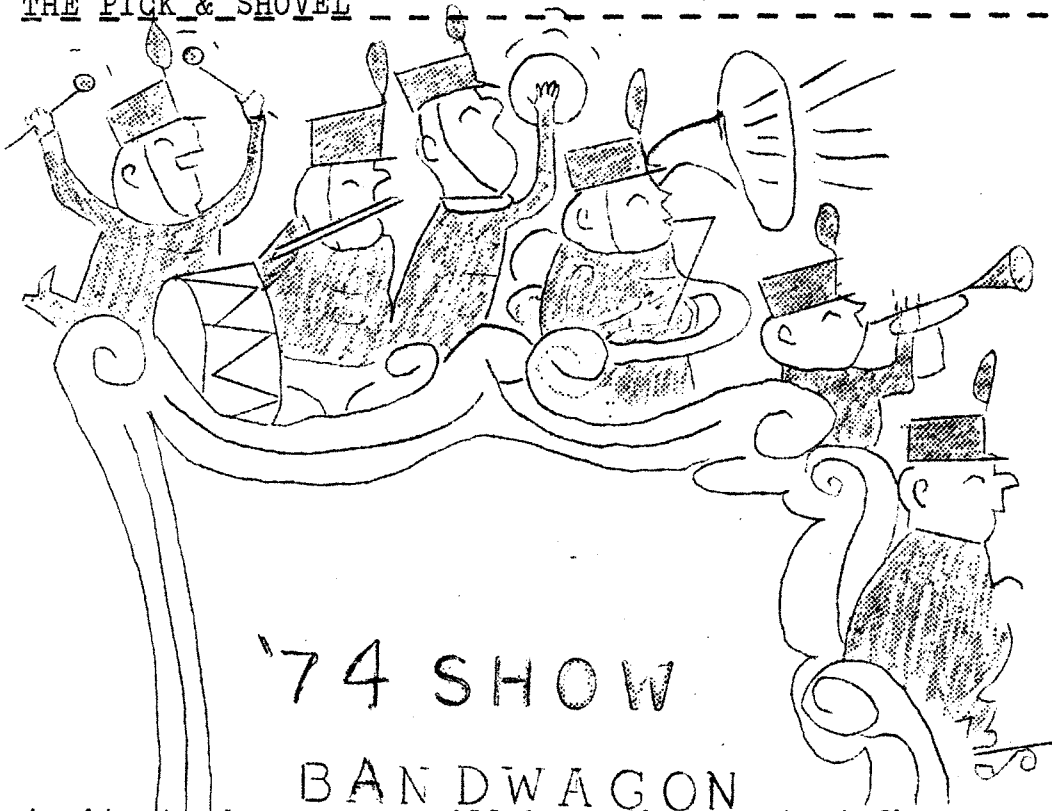
Motion by Howard Taylor the May meeting will be May 25, 1974, our regular meeting night.

Our editor, Evelyn Ulrich needs a file to keep her papers, such as History, for the bulletin. It will be an active file and club property. Motion by Howard Taylor to allow \$50.00 for a file cabinet for LGMIC editor, seconded by John Harrison, Jr. Motion carried. Charge to Administrative assistant.

Larry Van Cleave gave a report on his committees work on the Energy Study Group.

Motion to adjourn, John Harrison.

Nelda Oliver, Secretary



'74 SHOW BAND WAGON

As it stands now, we will have the greatest Show ever held in this area. It is shaping up to be a grand endeavor on the part of all those who are working on it. I must say that all the Directors are hard at work to make this an enjoyable time for everyone.

I have had a lot of mail from those out away from Lincoln and Nebraska. Along with this I have a few suggestions to those who will be driving some distance. Fill up in the morning, and look for a station when you are down to half full. Do not carry extra gasoline. It is highly explosive.

Plan to drive early in the day when stations are open. Drive in the cool morning to keep from using your air conditioner. Avoid night driving as most stations are closed then.

Plan on staying through Sunday, as most stations are closed then.

Plan so when you get to the National Show you will not have to do a lot of driving around.

Plan your route thoroughly, your stopovers before you leave home.

Pick major highways, as the Interstate.

If you do drive more than one day, make motel reservations in advance.

They say the best time to travel is in the middle of the month. You can plan on June 13th through 16th and spend a week with us.

I hope you can use these suggestions if you come from any distance.

We will be asking help from all Club members and those in other Clubs who have volunteered to help.

continued

BANDWAGON, continued

The cases are still at a premium. At the last count we will have more cases than have been shown at any other Show.

Please contact me if you have any questions.

--Irl Everett
1974 National Show Director

THE NATIONAL GEM AND MINERAL SHOW
June 13 - June 16, 1974

Additional Housing Information

The University of Nebraska-Lincoln

The a la carte rates available for the National Gem and Mineral Show are as follows:

Single Room Only	\$9.25 + Tax, per person, per night.
Double Room Only	\$7.50 + Tax, per person, per night.

<u>Meals:</u>	Breakfast	\$1.00 (Includes Tax)
	Lunch	\$1.50 "
	Dinner	\$2.00 "
	For Children seven years of age and under:	
	Breakfast	\$.50 (Includes Tax)
	Lunch	\$.75 "
	Dinner	\$1.00 "

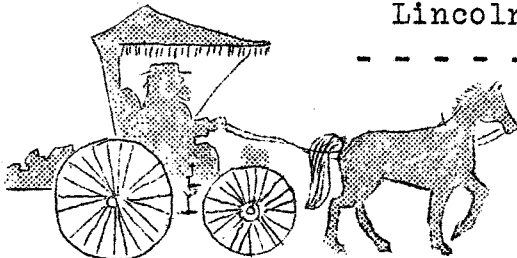
The stated rates assumes the Central Housing Office will be responsible for handling major arrangements, negotiations, coordination, planning, mailings and reservations.

The residence halls are all air conditioned and provide the following additional facilities:

1. Access to a swimming pool.
2. Lounges on each floor with color t.v.
3. Areas for recreation - ping pong, pool, etc.
4. Laundry facilities.
5. Tennis Courts within 1/2 block of the residence hall.

The University of Nebraska currently does not allow alcohol on University property. The Housing Office expects that all guests will respect this policy.

Write direct to: Glen T. Schumann
Coordinator of Residence Hall Adm.
The University of Nebraska-Lincoln
Lincoln, NE 68508



Via The Conglomerate

The gas shortage won't stop me.

I am on my way to

The National Gem and Mineral Show
June 13 - June 16, 1974
Lincoln, Nebraska

REGISTRATION FORM

Lincoln, Nebraska

June 13-16, 1974

AFMS - MWF - NAOESCI CONVENTION AND SHOW
 State Fairgrounds and the Nebraska Center for Continuing Education
 Pre-Registration Deadline - May 30, 1974

NAME _____	Pre-registration fees	#	Amt.
ADDRESS _____	4-day adult \$4.00 ea.	_____	_____
CITY _____	Jr. (13-17) \$2.50 ea.	_____	_____
(State) (zip)	Barbeque \$4.00 ea.	_____	_____
SOCIETY _____	Editors' Breakfast \$2.75 ea.	_____	_____
	MWF Del. Lunchn \$4.00 ea.	_____	_____
	Awards Banquet \$7.50 ea.	_____	_____
	NAOESCI Lnchn \$4.00 ea.	_____	_____
	Total	_____	_____

Indicate: Delegate ___ MWF ___ NAOESCI ___
 Judge ___ Clerk ___ Federation ___ Speaker ___
 Editor ___ Exhibitor ___ Jr. Activities ___

Make check payable to:
 Lincoln Gem & Mineral Club, Inc.

Your tickets will be ready at the
 registration desk
 Payment must be enclosed

Mail to: Norma Miller, 931 Cottonwood Dr.
 Lincoln, NE 68510

REGISTRATION FORM

LINCOLN, NEBRASKA

JUNE 13-16, 1974

AFMS - MWF - NAOESCI CONVENTION AND SHOW
 STATE FAIRGROUNDS AND THE NEBRASKA CENTER FOR CONTINUING EDUCATION
 Pre-Registration Deadline - May 30, 1974

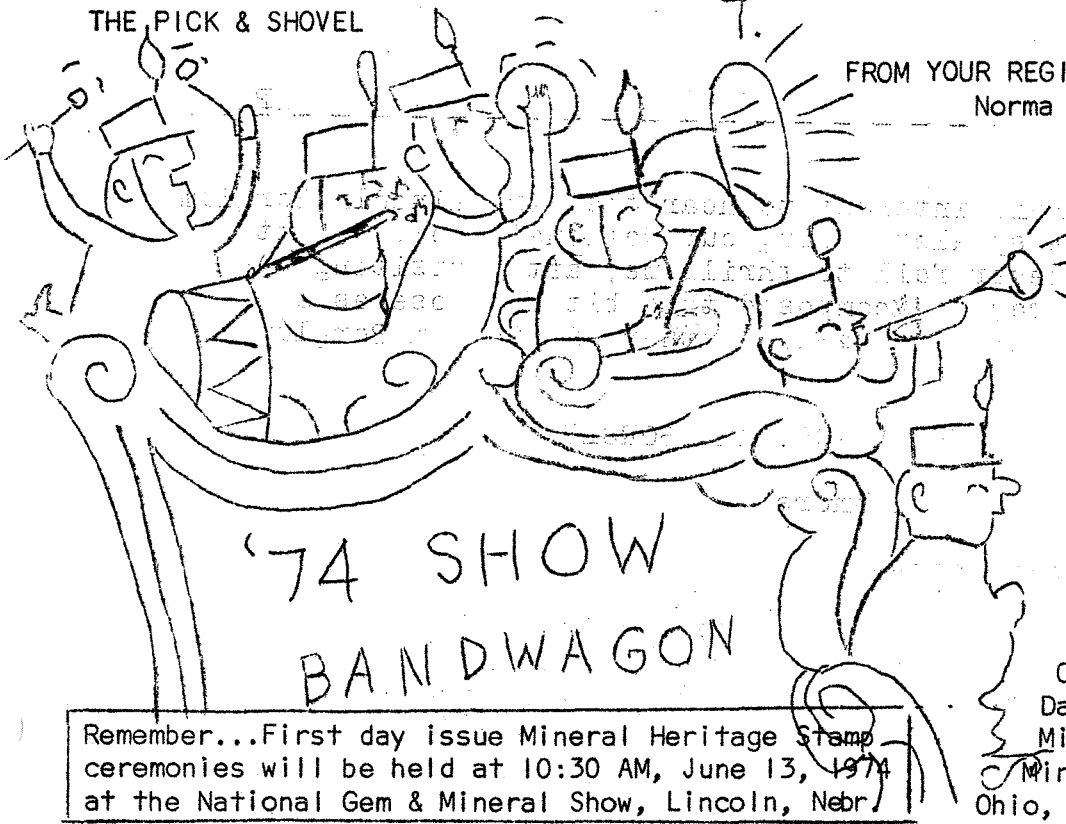
NAME _____	Pre-registration fees	#	Amt.
ADDRESS _____	4-day adult \$4.00 ea.	_____	_____
CITY _____	Jr. (13-17) \$2.50 ea.	_____	_____
State) (zip)	Barbeque \$4.00 ea.	_____	_____
SOCIETY _____	Editors' Breakfast \$2.75 ea.	_____	_____
	MWF Del. Lnchn. \$4.00 ea.	_____	_____
	Awards Banquet \$7.50 ea.	_____	_____
	NAOESCI Lnchn. \$4.00 ea.	_____	_____
	Total	_____	_____

Indicate: Delegate ___ MWF ___ NAOESCI ___
 Judge ___ Clerk ___ Federation ___ Speaker ___
 Editor ___ Exhibitor ___ Jr. Activities ___

Make check payable to:
 Lincoln Gem & Mineral Club, Inc.

Your tickets will be ready at the
 registration desk
 Payment must be enclosed

Mail to: Norma Miller, 931 Cottonwood Dr.
 Lincoln, NE 68510



FROM YOUR REGISTRATIONS DIRECTOR,

Norma Miller,

about the

1974 NATIONAL

GEM & MINERAL SHOW

AND CONVENTION...

June 13-16, 1974

LINCOLN, NEBRASKA

Every day registrations are pouring in from all over the country...Texas, California, Wyoming, S. Dakota, Kansas, Arkansas, Missouri, Iowa, Michigan, Minnesota, Montana, Illinois, Ohio, Florida, Kentucky, New

Jersey, New York, Canada, and more.....

Remember...First day issue Mineral Heritage Stamp ceremonies will be held at 10:30 AM, June 13, 1974 at the National Gem & Mineral Show, Lincoln, Nebr

My mail is getting heavier and more interesting as time goes by and you must realize this is just three weeks after our big mailing went out so you see everyone is thinking "National Show" and getting their schedule in order. I am too...and my committee is working hard to get everything done early so there won't be too much last-minute rush.

The Nebraska clubs (NAOESCI) that offered to help with favors, centerpieces, etc., have come through 100%!!! I think this is tremendous to have so many people involved and to come through with results so prompt and so well-done. My thanks again to all who contributed in any way.

LGMC members have come through with their commitments as well, and now an important thing for you to do is to get your own registration to me...it would be sad if we were so involved in producing the show and were too late in our own reservations for the Barbeque, or Editor's Breakfast, or Delegate luncheon, or Awards banquet, or NAOESCI luncheon...these are all open to everyone...just get your reservation to me and we will have tickets waiting for you at show time, unless of course, we are sold out. We don't want you to miss a thing.

Included in this issue you will find one page containing two registration forms on it...the back of the page is blank so you can feel free to use them without ruining your copy of this bulletin. In this way everyone has a registration form (or two) that receives the publication...even if you were unable to attend any meetings you can still register for the Big Show. I will be looking for your registration in my mail box in the near future. Remember - payment must be included. When I get it I will send you a receipt which will be your pass through the gate at the fairgrounds and you can come to the registration desk for your packet and tickets. Remember, you will need the receipt or a pass to get through the gate or you will be required to pay entrance fee.

The setting for the '74 Show is one of a relaxed atmosphere and we hope everyone will enjoy browsing and looking and listening. Let's be sure to extend our visitors the Midwestern hospitality of which we are capable. We are trying hard to make it a show for everyone to remember and something of interest for all. Time is going fast and everything is coming along in good shape, and you can bet it will be a "mammoth event".

It is with extreme interest to hear that Mr. Lincoln Borglum will be a guest speaker during our National Show. Mount Rushmore will never fail to thrill me; after visiting the Shrine of Democracy, I composed this bit of prose as a tribute to Mr. Gutzon Borglum, father of Lincoln Borglum.

THANK YOU, MR. BORGLUM

As I gaze upon Mount Rushmore
Does he know?
As humanity flows past--
Little children
Tall men
Gaze humbly
Upon his creation.
From up there
A golden seat
Upon a golden stair
Surely Gutzon looks down
Upon us here--
Possibly a stately pine or
A boulder of granite
Stands guard.
Surely Gutzon looks down
With pride in his heart
And humble, too,
At the joy he gave us
To gaze upon his masterpiece.
We, who stand, with awe--
With admiration, and inspiration
At such grandeur, such splendor,
Such magnificence--
For your masterpiece, we silently "Thank you",
Silently, each heart, "Thanking you."
Surely you, Borglum
Surely your hand was guided
By the Master's hand.
We pray you know
Somewhere in the great beyond
The Rushmore Memorial to America
Will make us humble--grateful.
We thank you!



--Composed by
Marie J. Carveth
1957.

"One has not lived until he's seen the greening hills of spring."

--Mari Sandoz

NOTICE

National Show Awards Banquet - 6:30 P.M. Saturday, June 15, 1974.

Lt. Governor Frank Marsh, Master of Ceremonies -
Lincoln Borglum, Speaker

Send your reservations to Norma Miller.

Nelda's News



We were sorry to hear that our friend and former club member Fred Claus passed away in Colorado. Our sympathy Jeanette.

Marie & Lynn Wells traveled to Chappell, to hunt for wood and visit daughter Nancy. I understand they found about 100 pounds of wood and also were caught in a 'blizzard'.

Norma Miller is planning on about 20 for Easter Dinner. Brian Traverer's parents will be a guest over the weekend. He was given a World trip for two for his services (35 years) for Cyanamid. Brian was Millers American Field Service 'son' from South Africa.

A letter rec'd from Glenna & Geo. McGinnis, they were hunting red & black plume agate, and were leaving for Big Bend Nat'l Park. They plan on being home around April 15.

Marie & Lynn Wells were guests of Mr & Mrs HyHo hnholt of Kearney, Ne. and attended the open house at the McDonnalls home in the afternoon. Mr McDannells had just rec'd two ton of brazilian agate.

Pappy (C. Ray) Waddle is in room 322 at Bryan Hospital. Cards are in order for such an active Rockhound. Hope your up and around soon Paopy.

Next board meeting May 2, 1974 at Larry Bigley's home, 6126 Hartley at 7:30 PM. Board members and committee people with reports try to attend.

By a special request. BUTTERSCOTCH PECAN ROLLS

2 pkgs. active dry yeast-----1/2 cup warm water (not hot)
 3/4 cup warm (not hot) milk----1/2 cup butter or margarine, melted---3/4 cup sugar
 3 eggs, well beaten---1 tsp salt---5 to 5 1/2 cups sifted flour
 1/2 cup butter softened---1/2 cup sugar---2 tsp. cinnamon(or more)
 1 cup melted butter---1 1/3 cups firmly packed brown sugar--1/2 cup white corn syrup---
 1/2 cup chopped pecans.

Add yeast to warm water. Let stand a few minutes; stir to dissolve. Combine milk, 1/2 cup margarine and 3/4 cup sugar. Cool to lukewarm. Add eggs, salt and 2 cups flour. Beat thoroughly. Stir in yeast mixture. Blend in remaining flour. Beat 5 minutes. DO NOT KNEAD. Brush with shortening. Cover with waxed paper then a towel. Let rise until double in bulk (about 1 hour). Turn onto lightly floured surface. Knead one minute. Divide dough into 2 equal portions. Roll into 12" squares. Spread with softened butter. Sprinkle with sugar-cinnamon mixture. Roll up tightly as jelly roll. Seal by pinching edges of roll together. Combine remaining butter, brown sugar and corn syrup, blending thoroughly. Spread over bottom of two greased 9" x 13" pans. Sprinkle with pecans. Cut rolls into 3/4" slices. Place 1/4" apart over syrup mixture. (15 pecans rolls per pan). Cover and let rise until double in bulk (about 30 minutes). Bake in 375 degree oven 20 to 30 minutes or until golden brown. Cool in pan a few minutes. Invert on wire rack.

Mr & Mrs Ewald Paul were bereaved by the death of a brother-in-law, Harold Bastron.

1974 National Show Special Events -

Everyone is excited about the opening of the National Show. Don't miss the fun of the opening nite barbecue. Be sure to make your reservations early. Send your check for \$4.00 per person by May 25th to Norma Miller, 934 Cottonwood Drive, Lincoln, NE 68510. Make checks payable to Lincoln Gem & Mineral Club, Inc. See registration forms insert this bulletin.

Remember....First day issue Mineral Heritage Stamp ceremonies will be held at 10:30 A.M., June 13, 1974 at the National Gem & Mineral Show, Lincoln, Nebraska.

MONTHLY ROCK FEATURE—JADE

Two different minerals make up the suite of cutting materials that are called jade by lapidaries; these are the pyroxene, jadeite, and the amphibole, nephrite. A résumé of the two "jades" follows:

JADEITE

Composition: a pyroxene, sodium-aluminum silicate, $\text{NaAl}(\text{SiO}_3)_2$
 Crystal system: monoclinic, in a tough, fibrous aggregate.
 Hardness: 6.5 - 7.
 Cleavage: not apparent
 Fracture; granular or splintery
 Specific gravity: about 3.35
 Optical character: biaxial positive.
 Refractive index: 1.66 - 1.68.
 Occurrence: Burma, China, Central America, California, Alaska, British Columbia.
 Age: Jadeite is restricted to post-paleozoic, eugeosynclinal deposits that have been strongly metamorphosed. Commonly occurs in the lawsonite-glaucophane facies. Most jadeite is probably Jurassic in age.
 Wearability: wears for a long time without showing signs of time and abuse and is considerably tougher than nephrite.

NEPHRITE

Composition: an amphibole, hydrous calcium magnesium silicate, $\text{CaMg}_5(\text{OH})_3(\text{Si}_4\text{O}_{11})_2$
 Crystal system: monoclinic, aggregate
 Hardness: 6.5 - 7.
 Cleavage: not apparent
 Fracture: Granular or splintery
 Specific gravity: about 2.95
 Optical character: biaxial negative
 Refractive index: 1.606 - 1.632.
 Occurrence: Sinkiang Province, China, Europe, Wyoming, British Columbia.
 Age: Nephrite is most commonly found in Precambrian metamorphic rocks that are associated with granitic intrusions in block fault mountains as opposed to jadeite which is usually found in folded mountains.
 Wearability: wears well but not as well as jadeite; nephrite will show some scratches in jewelry pieces where it is mixed with jadeite.

The above information shows that there is considerable differences in the materials that we refer to as jade. Selecting good quality rough or slabbed material of either jadeite or nephrite is not necessarily difficult. The following guidelines may be of some assistance: (1) Don't pick for color, both jadeite and nephrite come in colors covering just about the entire visible spectrum. Better, try to pick for the luster the polished stone will produce. (2) the best material will have a soft, frosty luster; this is because the crystals and cleavage planes are extremely tiny. Avoid pieces with large, shiny areas or glittery areas; these areas indicate that the crystal faces and cleavage planes are extremely large and undercutting will most surely result. (3) By applying guideline (2) we are able to pick out the materials that will accept soft, highly lustrous polished surfaces. (4) It is better to buy a material that will accept a high polish even if the color is "less desirable" as an olive green or black as opposed to a highly desirable color as apple green. In the long run, a poor-quality, apple-green jade cabochon will never be as attractive or as valuable as a high-quality, black or olive green stone.

Diamond is not necessarily the final answer to polishing low-quality jades. It is possible to eliminate the orange-peel effect of poor jades by polishing with diamond. Beauty is more than skin deep, however, and the large crystal faces and cleavage planes of poor-quality jade will absorb much light in their interstices. Also, the variable crystal size and cleavage plane area in poor quality jade causes poor conditions for light so that even if orange-peeling can be eliminated, the internal nature of the stone will not allow for good transmission, dispersion, and reflection of light. The result is that even if a highly glossy surface can be obtained, the internal characters of poor-quality jade will cause a stone to lack warmth, depth, and body, as well as the soft luster that characterizes high quality jades.

FORT ROBINSON'S CENTENNIAL

Editor's Note...The following article concerning Fort Robinson's Centennial Celebration is a summary of an article from The Alliance Times Herald submitted by Earl McGuire, president of the Northwest Nebraska Rock Club, at your editor's request.

The observance of the Centennial will be summer-long. The opening event was 100 years to the day after cavalry soldiers first raised the flag over a camp near Soldier Creek on March 29, 1874. Official ceremonies began at dawn March 29th when the flag was run up as the Crawford High School Band played the National Anthem. The Lincoln Journal states that following a talk by Mrs. Exon, the Governor's wife, the old cannon was fired again; once to honor plains Indians; once to honor cavalry soldiers; once to honor black soldiers who played an important part in the Fort's history; and once to honor the centennial commission's motto: "Let us live together as one being", words of Indian leader, Black Elk. In the evening a musical tribute to the cultural contributions made during the last century by the "Outpost of the Plains" was presented by the Platte Valley Oratorio Society's orchestra and chorus.

During the summer memories of bygone days will be revived. Famous people such as Crook and Sheridan, Red Cloud and Crazy Horse, Black Cavalrymen--"Buffalo Soldiers" to the Indians--who won fame and Congressional Medals of Honor during duty at the fort, Walter Reed, conqueror of yellow fever in the Panama Canal, who served at the Fort, Little Bat, a famous Scout during the Indian wars will be remembered.

Fort Robinson became known as the world's largest remount station, with more than 15,000 horses and mules roaming the hills, buttes, and valleys. The U.S. Equestrian Team trained at the Fort for the 1936 Olympics. German soldiers captured in World War II were confined at the Fort, when it also served as a training site for dogs in the K9 Corps.

Activities during the summer include a cowboy polo tournament, Memorial Day services, a Centennial trail ride for two days through the buttes, Indian activities, style shows, old soldiers' reunion, a western art exhibition, a quarter-horse show, a hunter-jumper show featuring horsemen from around the country, and a Crazy Horse Commemorative Day.

Reservations for cabins at the Fort, and motels and hotels in Crawford, can be made by contacting Vince Rotherham, Supt. of Fort Robinson, Crawford, NE 69339, or the Crawford Chamber of Commerce, Crawford, NE 69339.

A schedule of events at the Fort during the summer follows:

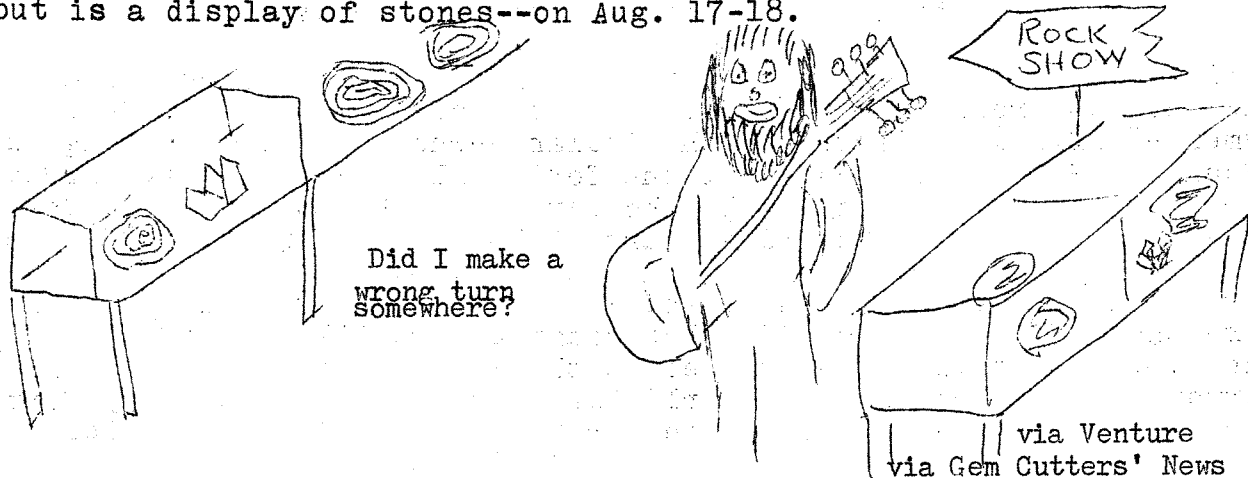
- April 26---Field trip for school children with demonstrations by Pershing Rifles and Cadence Countesses from University of Nebraska
- May 11-----Cowboy polo tournament
- May 30-----Memorial Day commemorative services at Fort Robinson and at Fort McPherson National Cemetery, where many of the Fort's fallen soldiers are buried.
- June 16----4-H Gymkhana
- June 17-19-4-H Horse Project Trail Ride
- July 6-7---Centennial Trial Ride through the hills

--continued next page

FORT ROBINSON, continued

- July 8-----District 4-H Horse Show
 July 14-21-Official Centennial Observance Week, with National Guard demonstrations, Indian activities, Indian Theater, Post Playhouse Production, style shows, horse shows, old soldiers' reunion, western art exhibition, 4-H Dog Show, and other activities
 Aug. 3-4-5-Quarter-Horse Show
 Aug. 20-22-Hunter-jumper horse show, Open Class horse show
 Aug. 23-24-Retriever dog trials
 Sept. 5-----Crazy Horse Commemorative Day

In addition to Centennial activities, many Crawford organizations are linking their annual shows with Fort activities. Scheduled in Crawford are the annual rodeo July 2-3-4, the Old Fiddlers' Contest, July 27, the Crawford Gun Show Aug. 3-4, the annual Rock Show--which has nothing to do with music, as some long-haired youths discovered last summer, but is a display of stones--on Aug. 17-18.



HAWAIIAN BIRDS ARE ROCKHOUNDS.....At least three species of birds in Hawaii National Park are known to build nests of spun volcanic glass.. ...Droplets of lava are squirted in the air, then solidified as filaments known as Pele's Hair. Thousands of these delicate fibers are used by the birds in building a single nest.--The Lode Down, via Emerald Gems

The Bright Side: Cheerfulness removes the rust from the mind lubricates our inward machiner and enables us to do our work with fewer creaks and groans. If people were universally cheerful, probably there wouldn't be half the quarreling or a tenth part of the wickedness there is. Cheerfulness, too, promotes health and immortality. Cheerful people live longest here on earth, afterward in our hearts.

--Anonymous





JUNIOR PAGE



Dear Juniors,

Kite-flying season is at hand, so let's review some safety rules. Don't fly kites near power lines. A kite string can be a dangerous conductor of electricity. Let go of the string if your kite falls onto a power line. The best place to fly kites is in a wide open space-- far away from all utility lines.

--Mrs. Ulrich

4-H CLUB NEWS REPORT

A demonstration of rock-hunting equipment and rock identification was given by 4-H leader, Mrs. Wells, at the regular meeting of the Petrified Pebble Pups, March 11. After the demonstration, the members were informed of an Easter Bunny Drive to be held March 30.

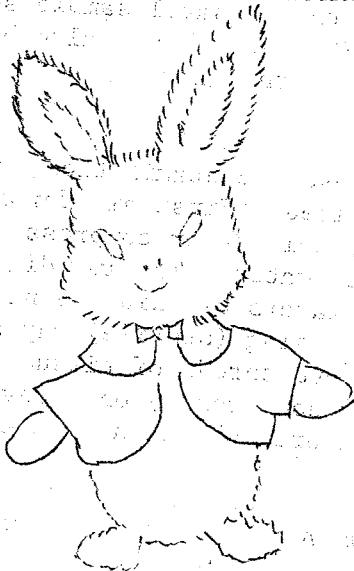
The meeting was dismissed and refreshments were served.

--Paul Sailor, Reporter

EASTER SEAL DRIVE

Linda Parks, Sandra Wright, Willie Lawson, and Thomas Frisch volunteered to be Bunnies for the Easter Seal Drive March 30. They spent two hours in the K Mart vicinity and netted \$50.00 in donations.

Pretty efficient Bunnies, I'd say. --E.U.



S A P P H I R E N I R T I C
J A D E N O T S N O O M Z B
D T L F R X L O H E O K Z E
T M E E Y I N A N S L N I N
A Q B N N S D I P I B A R I
M D O T R I L O V O E I C R
E L N A Z A P O T U R L O A
T E A O M W G S X Q Y E N M
H G T R M B P E A R L N Y A
Y Z U A O A E C J U H R B U
S O N F G C I R Z T R A U Q
T E M E R A L D W O L C R A

Can you find 25 gems in the above? You may go up or down, forward or back, or diagonal.--via The Opal

Too much to swallow: "What makes you think the people next door are very poor?" asked the mother.

"Golly, Ma," replied her son, "you should have heard all the fuss they made when the baby swallowed a quarter."

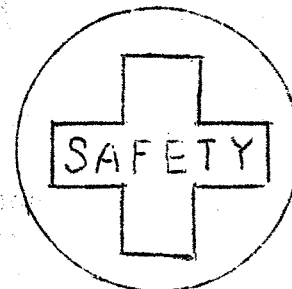
--Graphic Arts Unionist

FIELD TRIP - See Page 14, April P & S for complete details.

SAFETY PAGE

THE EFFECTS OF SUN AND HEAT

I will admit it is difficult to write about the effects of sun and heat when the ground is white and the temperature is about 8 degrees. I also know that it won't be long until the weather starts getting warmer and warmer; some will even say hot! hot! hot! This is the time I am referring to, illnesses caused by the sun and heat. The effects are the same whether you are doing yard work, gardening, regular employment outdoors or ROCK HUNTING.



SUNBURN: Sunburn results from exposure to the ultraviolet rays of the sun and may result in first and second degree burns. Although sunburn rarely requires hospitalization, it may incapacitate you for several days because of pain, swelling and fever and headache. Therefore, it is much more comfortable for you to prevent the sunburn. The most effective prevention lies in limiting the length of initial exposures at the beginning of warm weather each year. For swimming and sunbathing, the first exposure should not be over 15 minutes, with gradual increases of 5 to 10 minutes. On beaches and around water everyone should avoid long exposures from midmorning until midafternoon. Persons doing outdoor work or sports should wear protective clothing during this time. Extra caution is needed on cloudy days since it is so easy to throw caution away when the sun is not beating down so hot. The sun's rays still penetrate through the clouds. The many commercial preparations for sunburn protection vary in their effects. Most of these contain oils to keep the skin from drying on exposure to heat, wind and water. Some have hardly any protective effects; others are highly effective but expensive. Many may cause allergic reactions in individual cases. It is wise and advisable that a small sample should be tested on the skin before liberal amounts are used. The eyes should also be protected, either by shade or sunglasses, from overexposure to the glare of sun, sand and water.

The objectives of first aid are to relieve pain, prevent contamination, and treat for shock. Usually, medical treatment is not required. First aid for sunburn is the same as for first and second degree burns. Apply cold water compresses or submerge the affected area in cold water. DO NOT use ice water. The immediate cooling can reduce the burning effect of heat in the deeper layers of skin. Gently blot dry, DO NOT rub. DO NOT use absorbent cotton. A dry dressing (sterile) may be applied if desired. DO NOT try to break blisters or remove shreds of tissue, and DO NOT use an antiseptic preparation, ointment, spray or home remedy on a severe burn. Seek medical treatment if necessary. The injured area should not be exposed again to the sun until healing is completed.

Next month I will review more of THE EFFECTS OF SUN AND HEAT, namely heat illnesses, HEAT STROKE, HEAT CRAMPS, AND HEAT EXHAUSTION.

--Virginia Green, RN

FIELD TRIP - Destination: Weeping Water, Nebraska
 Date: April 21, 1974
 Time: 10:00 A. M.
 Round Trip Mileage: 80 miles
 Material to be obtained: Fossils and possibly some minerals
 Equipment for this Trip: hard rock tools, containers for specimens.

GREETINGS! Cedar Valley Rocks and Minerals Society cordially invites the members of your club to our tenth Annual Gem and Mineral Show, "A Rockhound's Dream", to be held April 27 and 28 at Hawkeye Downs near the south edge of Cedar Rapids, Iowa. The show will be open from 10:00 A.M. to 9:00 P.M. Saturday, and 10:00 A.M. to 5:00 P.M. Sunday.

Our purpose is to meet new friends, renew old friendships, educate the public about our hobby, and to further our own knowledge by exhibiting with our friends from other clubs. We hope you can attend our show and, if possible, would appreciate having your exhibit of minerals, lapidary work, fossils, or other outstanding finds you may have made, or work you have done in our hobby. Please send information as to the size and number of cases which you or your club will bring in order that an area may be reserved for your exhibits. We shall be looking forward to seeing you.

Your exhibits may be set up Friday evening, or Saturday morning before 10:00 A.M.

Dealers at the show will include:

Everett Lapidary Shop	Lincoln, Nebraska
Lindsay's Gemstone and Minerals	Louisiana, Missouri
Al's Rock Shop	Cedar Rapids, Iowa
Eastin's Lapidary	Eugene, Oregon
The Powder Monkey	St. Louis, Missouri
Uncle Tom's Rock Shop	Owatonna, Minnesota

We have a number of Special Displays and Demonstrations planned which we believe you will enjoy. There will be demonstrations of faceting, cabochon making, and pottery making, displays such as scrimshaw, jade, fossil fish, a steam engine made from rock, Flintstone Village, sand bottles by the Nelans of Mississippi, an artist working in glass, and -----

A \$70,000 SPECIAL DISPLAY FROM UNION CARBIDE CORP. NEVER BEFORE SHOWN IN THIS AREA

AND MUCH, MUCH MORE!!!! SPECIAL DOOR PRIZES FOR EXHIBITORS!

REGISTRATION
CEDAR VALLEY ROCKS AND MINERALS SOCIETY, INC.
10th Gem and Mineral Show
April 27 and 28, 1974
HAWKEYE DOWNS
CEDAR RAPIDS, IOWA

() Yes - we are coming.

1. Please reserve ___ feet for ___ cases, or _____ for an open display.

2. We plan to exhibit in the Come and Go area on _____ (day).

3. We will () or will not () need extra lighting for our exhibit.

PLEASE PRINT

Name _____ Address _____

Mail to: Truman J. Ramsell, 715 Greenfield St., N.E., Cedar Rapids, Iowa, 52402

Proceeds from this show are used to sponsor scholarships for Geology students at the University of Iowa.

Everett Lapidary Shop

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Featuring this month:

Opal for all occasions -

Slabs of several fine materials -

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Brazilian, Mexican, Australian, Indian, & African

- Opals and star stones my specialty
 Custom made for you or advice on how you can cut them, too!
- Custom slabbing, lapping and capping
- Custom made mountings - Gold or Silver
 To enhance your gemstones

EXCLUSIVE NEBRASKA DEALER FOR:

Technical and Specialties International
Casting Equipment
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LOST WAX CASTING SUPPLIES

- Waxes**
- Freshaped leaves and flowers
 - Bezel
 - Sprue
 - Shank
 - Injection and Block

THE TERRITORIAL IMPERATIVE LAPIDARY SHOP

MARVIN N. ANDERSON, Box 5, Ceresco, NE 68017
Toll Call-112-665-3737 By Appointment - 7-9 P.M.

INVITATION TO Winnipeg Centennial

Members of the Lincoln Gem and Mineral Club have received an invitation from Mrs. Elaine Baily, Sec. of the Winnipeg Rock and Mineral Exhibition Committee, to attend and/or display at the Winnipeg Centennial, July 19-21. An excerpt from her letter follows: "Will you help us celebrate this very special occasion by bringing or sending a display of minerals, crystals, lapidary, or any other collection pertaining to this ever-growing hobby, for exhibit at our Show. This can be a Club project or an individual effort. No charge for either Club or individual entries. Entry forms enclosed."

Tom Simmons volunteered to take exhibits to the Show. If you are interested, contact Tom.

WELCOME NEW MEMBERS

LGMC Marge and Garry Heedick (reinstated) LGMC
Ansel Maw
Mrs. Ralph C. Nolte

Did You Know? via Alma Calkins.....Surprisingly enough, oysters don't hold an exclusive "patent" on the process of making pearls. Even coconuts make them!

Although pearls which grow in coconuts are much rarer than those from oysters, they are composed of the same kind of material and are also quite valuable.

In oysters, of course, a pearl is formed when a grain of sand or other foreign matter works its way into the mantle inside the shell and provides stimulus for formation of the lustrous gem. The pearl is made of the same material as the lining of the shell.

The coconut pearl grows in the interior of the coco palm fruit, apparently as a result of an abnormality of the nut itself, in that it has no pores in the shell. Normally, there are three of these, though only one is open. When an unusual coconut such as this occurs the embryo inside, being unable to escape, may instead develop into a pearl in much the same way as conventional pearls form.

These abnormal coconuts occur rarely, so seldom in fact, that formerly all poreless or "blind" coconuts are said to have been appropriated by the rulers of the region as being theirs by royal right. They still bring high prices in the Orient.

One active coconut and copra trader in the South Pacific reported that he had come into possession of only four or five coconut pearls in fifteen years.

The unusual formations are very beautiful, and this combined with their rarity, causes them to be held in high esteem as jewels.

--From Aurora Borealis via Gem Cutters News & Rock Box

Follow the example of the turtle...you never get anywhere unless you stick your neck out. --via The Crystal Cluster

Midwest Federation's NEWSLETTER

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



Issue No. 144 - April 1974

Delegate forms

Hazel Tarcza, Credentials Chairman, has mailed a delegate form to each member club. Each club is requested to select their delegates to the 34th Annual Meeting of the Midwest Federation to be held on Saturday, June 15, 1974 at the Nebraska Center for Continuing Education, 1600 North 33rd Street, Lincoln, Nebraska, and return the form in the self-addressed and stamped envelope included with the form as soon as possible. Remember, your club should be represented at this important annual meeting. For additional information, contact Hazel Tarcza, 1305 Skyline Drive, Grandview, Missouri 64030.

Stamp statistics

Designs of the four 10¢ Mineral Heritage Postage Stamps represent a new United States treatment of the classic square format.

The stamps depict amethyst, rhodochrosite, tourmaline, petrified wood, cut and polished as gems. The stamps were modeled by Mr. Buckley and Frank Waslick. Vignette engravers were Edward P. Archer, amethyst; Thomas Hitchen, rhodochrosite; Joseph S. Creamer, Jr., tourmaline; Arthur W. Dintaman, petrified wood.

Albert Saavedra engraved the lettering. Like Mr. Buckley, these men are with the Bureau of Engraving and Printing.

The stamps will be printed in eight inks. Three passes will be made through the offset press, with yellow and blue being applied during the first pass, brown and gray during the second pass, and green during the third. The Giori press will be used to add purple, brown and red.

The size of a single stamp in the set is 1.075 by 1.075 inches. There are 48 stamps to a pane, and there will be one plate number. This is the first time four stamps have been issued as a group with the numbers on a bias so that when displayed with the numbers in an upright position the block forms a diamond.

First-day cancellation requests should be sent to Postmaster, Mineral Heritage Stamps, Lincoln, Nebraska 68501. Proper remittance must be included, and the request must be postmarked no later than June 13, 1974. Enclose 40 cents for a block of four. Requests for single 10-cent stamps will be honored by providing the name of the gem desired in the upper right corner of the cover.

Postal Service announces mineral stamps

During the 20th annual show of the Tucson Gem and Mineral Society in Tucson, Arizona the U. S. Postal Service unveiled designs of the four mineral stamps, to be issued as a set, to commemorate America's Mineral Heritage.

Senior Assistant Postmaster General Benjamin F. Bailar was principal speaker at the ceremony which climaxed nearly ten



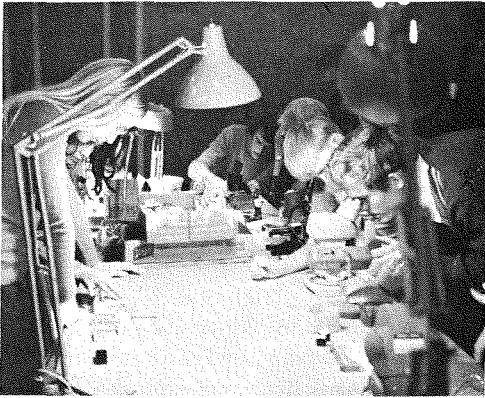
years of effort by the American Federation to encourage the issuance of stamps in connection with the mineral and general rock hobby.

The stamps depict amethyst, rhodochrosite, tourmaline and petrified wood cut and polished as gems.

The stamps will have their first day of issue on June 13 at the National Gem and Mineral show in Lincoln, Nebraska. Ceremonies will be at the State Fair Grounds with the Lincoln Gem and Mineral Club as host in conjunction with the combined Midwest Federation and American Federation conventions.

Junior activities

reported by Diane Dare, Junior Activities Chairman



One of the more active groups of young people in the Midwest Federation are the Junior Members of the Badlands-Sandhills Earth Science Club of Mission, South Dakota. Under the direction of Mrs. Neal (Gert) Larson, Junior Advisor, these Juniors have explored many areas of earth science, and are having fun doing it. Meeting activities have ranged from creating "rock critters", to identifying and labeling fossils, from studies of crystals, to setting up displays and learning by experience what types go together best. Micromounting proved a fascinating topic, and this project was repeated at their January meeting. (The accompanying picture shows Junior members of the Badlands-Sandhills Earth Science club, assisted by senior members Peter Larson (right front) and Jim Honert (rear center), both geology students at Rapid City School of Mines and Technology, preparing micromount specimens.)

The club's Liaison Officer, Winifred Reutter, has covered many of their projects for the local newspaper, and has provided us with the above information. Our thanks to Mrs. Larson and Mrs. Reutter for their interest in the young people involved in our hobby, and to all the members of their club, who provide material and encouragement for them!

New slide programs

With a great deal of regret, we have to announce the Russ McFall's slide program "Stones in Religion" has worn out and is no longer available. We do have two new programs: a short one called "Elements of Crystal Growing" and another one on "Colorful Colorado". These are now available for booking. The fee is \$1.00 per program. Remember, new programs are in demand, so give three showing dates when ordering. Send orders to E. Donald Stinnett, 29462 Aspen Drive, Flat Rock, Michigan 48134.

1974 Directory

The 1974 Midwest Federation Directory is in preparation and will soon be ready for distribution. Copies will be mailed to each member club and additional copies will be available from the Director of Supplies.

Welcome new members

Fenton Area Lapidary & Earth Science Club
Mr. Lawrence Coon, President
421 East Ellen St.
Fenton, Michigan 48430

2 added to convention program

The Lincoln Gem and Mineral Club, host club for the AFMS-Midwest Convention and Show in Lincoln, Nebraska, June 13th through 16th, announces the addition of two more speakers to the program roster.



The award speaker will be Lincoln Borglum, son of Gutzon Borglum, who did the final work on the famous portraits on the side of Mt. Rushmore near Rapid City, S.D. following notes and instructions left by his late father.

Rev. L. H. Greving, pastor of St. Peter and Paul Church, West Bend, Iowa, will give an illustrated lecture on the famous Grotto of the Redemption which is adjacent to the church in West Bend. Father Greving has worked on the Grotto for many years continuing the work started by his predecessor, the Rev. P. M. Dobberstein.

An important event will be a two-hour AFMS-MWF Junior Activities Meeting on Thursday from 10:00 A.M. to 12:00 noon on the fairgrounds. This seminar should be of great value and every club is urged to have a representative at this meeting. Plans are also being laid for fun nights on Thursday and Friday.

About 10,000 envelopes with pre-registration forms and other information will soon be in the mail. All clubs should be on the look-out for their packets.

About club communications

Due to cancellation of the spring meeting of the executive committee, all communication must be by mail or telephone. Any club or any member having something that should be brought before the executive committee and council at the annual meeting should notify the secretary, Miss Jean Reynolds, 107 Tuttle Avenue, Clarendon Hills, Illinois 60514 and submit a copy of the matter.

Anyone wishing to place a name in nomination for one or more of the elected officers will submit a petition signed by not less than 100 members of at least 10% of the clubs with the consent of the proposed nominee(s). This shall be forwarded to the secretary not later than May 1, 1974. The nominating committee is at work at the present time preparing the list of official nominees. (Revision of By-laws, Minneapolis, Meeting, 1970)

Mark Harris, MWF President

LINCOLN GEM AND MINERAL CLUB, INC.
P. O. BOX 5342, LINCOLN, NE. 68505

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.

MEMBER: Midwest Federation of Mineralogical and Geological Societies (MWF)
American Federation of Mineralogical Societies (AFMS)
Nebraska Association of Earth Science Clubs, Inc. (NAOESCI)
Community Arts Council of Lincoln (CAC)

Regular Meetings: 4th Saturday of the month, 7:30 PM, September thru May
W. O. W. Bldg., 732 S. 27th St., Lincoln, Nebraska

1974 ELECTED OFFICERS:

President	-----Ralph Ulrich	3909 Pace Blvd.	Lincoln, 68502	423-0484
1st Vice Pres.	-----Frank Rule	6333 Kearney	Lincoln, 68507	466-1697
2nd Vice Pres.	-----Larry Bigley	6126 Hartley	Lincoln, 68507	466-0211
Rec. Secretary	-----Nelda Oliver	5700 Otoe St.	Lincoln, 68506	489-5222
Treasurer	-----John Harrison	Hickman, Ne.	68372	792-3825

1974 BOARD MEMBERS:

Norma Miller	-----931 Cottonwood Dr.	Lincoln 68510	489-8849
Tom Simmons	-----2970 South Street	Lincoln 68502	488-1619
Howard Taylor	-----910 New Hampshire	Lincoln 68508	432-3707
Marie Wells	-----2940 Vine Street	Lincoln 68503	435-6758

STANDING COMMITTEE CHAIRMAN:

Liaison	-----Norma Miller
Hospitality	-----Virginia Green
Refreshments	-----Stan & Hazel Greenwade - Don & Edna Carter
Membership	-----Marita Bigley
Vaja Con Dios	-----Marie J. Carveth
Historian	-----Frances Tracy
Librarian	-----Joella Olson
Housing & Property	-----Frank Rule
Field Trips	-----Larry Bigley, Tom Simmons, Don Carter
Education	-----Roger Pabian
Program	-----Florence Boring
Calling Committee	-----Wilfrid & Ollie Wittmann
Community Arts Council	-----Rev. & Mrs. Raymond Pfeiffer
NAOESCI Reporter	-----Luella Paul
Scholarship	-----Julius & Myrtle Young
1974 Swap	-----To be announced

1974 Show Director-----Irl Everett, 2941 No. 65th St., Lincoln 68507

STEERING COMMITTEE 1974 SHOW

Chairman	-----Ralph Ulrich	Financial Chmn.	-----Bruce Simon
Vice Chairman	-----Howard Taylor	Secretary	-----Irl Everett

PUBLICATIONS CHAIRMAN---Art Howlett

PICK & SHOVEL STAFF - Editor-Evelyn Ulrich, 3521 S. 48th St., Lincoln, Ne. 68506
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Contributions from members are welcome and needed. Deadline for material is the 5th of the month. Please send to the editor.

Articles published in the PICK & SHOVEL may be reprinted if credit is given the author and the bulletin, and a copy of the publication sent to the editor.

Lincoln Gem & Mineral Club
Box 5342
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"THE PLACE TO GO IN '74"
June 13-16 Lincoln, Nebr.

A MAMMOTH EVENT

NATIONAL GEM & MINERAL SHOW

LINCOLN GEM & MINERAL CLUB - 16th ANNUAL SHOW - June 13-16, 1974

Host to: The American Federation of Mineralogical Societies Show & Convention
The Midwest Federation of Mineralogical & Geological Societies Show
and Convention

The Nebraska Association of Earth Science Clubs Annual Show and Convention

THE PLACE TO GO IN 1974 - NEBRASKA STATE FAIR GROUNDS - June 13-16, 1974
LINCOLN, NEBRASKA

