THE LINCOLN GEM AND MINERAL CLUB INC.

ALL AMERICAN FEDERATION CLUB AWARD - 1974

APPLICATION FORM

1. Name and mailing address of club The Lincoln Gem & Mineral Club, Inc.
P. O. Box 5342 Lincoln, NE 68505

2. Club President, 1974 (name and address) Ralph L. Ulrich
3909 Pace Blvd. Lincoln, NE 68502

Club President, 1975 (name and address) Frank Rule
6333 Kearney Lincoln, NE 68507

3. Date of Organization 1955 Number of Members 192 Average Attendance 91
43 Junior Members

4. Name of Bulletin The Pick & Shovel

5. Are your bylaws up to date? Yes How often does your club meet? Monthly, except July & August

6. Does your club have any inter-club activities such as combined shows, combined field trips, visiting or sharing programs? Yes. A.F.M.S., M.W.F., NAOESCI, Nat'l Show, informal visits to other clubs, field trips, displays at other clubs' shows, bulletin exchange

7. A. CONTRIBUTIONS TO MEMBERS:
What are the benefits your club offers to its members? Classes in Earth Science, informative programs, field trips, club library, annual swap, Bulletin. See pages 4, 5, 10, 48-57, 69

B. CONTRIBUTIONS TO THE COMMUNITY:
What has your club done in your own community having to do with the hobby? See pages 10, 24, 41, 52, 59, 61, 62, 63, 64, 65, 67

C. CONTRIBUTIONS BEYOND YOUR IMMEDIATE AREA:
What has your club done to widen your scope of interest or further the knowledge of the general public in the earth sciences? See pages 8, 9, 10, 21, 26, 28, 30, 35, 36, 37, 42, 26, 27, 29, 50, 52, 59, 65, 66, 68

D. (1) Does your club contribute to the AFMS Scholarship Fund? Yes

(2) Does your club also have its own scholarship project? Currently under recommendation by Long Range Planning Committee. See page 59

Name and Address of person filling out this application: Ralph L. Ulrich
3909 Pace Blvd. Lincoln, NE 68502

REGIONAL CHAIRMEN

California Federation:	LaDocia Ellis, 1350 Bidwell Ave., Chico, Ca. 95926
Eastern Federation:	Frederick Krissl, Jr., 299 Williams Ave., Hackensack N.J. 97601
Midwest Federation:	June Culp Zeitner, Mission, S.D. 57555
Northwest Federation:	Carl Church, 6636 N. Missouri St., Portland, Or. 97217
Rocky Mountain Federation:	Alice Young, 128 S. Battin St., Wichita, Kansas 67218
South Central Federation:	Col. Sam Goldenberg, Rt. 3, Box 196-G, Georgetown, Texas 78626

C O N T E N T S

1. The Club
2. Application
3. Outline
4. Club Publication
5. The Pick & Shovel
6. Excerpts from Other Bulletins
7. We Like Being Copied
8. Governor J. James Exon Proclaims Nebraska Rockhound Week
9. The Proclamation
10. National Show and Convention:
11. The Program
12. Local Publicity
13. More Publicity
14. Widespread Publicity
15. Opening Day Ceremonies
16. Correspondence with Red China
17. Correspondence with Mexico
18. Correspondence with Canada
19. Correspondence with Australia
20. Correspondence with India
21. Special Display for the Blind
22. Pictures of Display for the Blind
23. More Pictures of Display for Blind
24. Craft Therapy Patient's Dream Come True
25. Letter of Appreciation
26. Invitation to President of United States
27. Copy of Letter Asking Names and Addresses for the Mailing List to Receive Information Packets
28. Report on Procedure for Mailing Packets
29. Pictures of the Activity
30. Involvement of Other Clubs
31. Pictures of Club Favors
32. Program Covers
33. Letters of Appreciation
34. Thank You for Your Help
35. Field Trip Information
36. Appearance on Television Show
37. Mineral Heritage Stamp
38. Letters detailing arrangements
39. Pictures of the Ceremony
40. Newspaper Coverage
41. The Astro-Cab Maker
42. The Awards Banquet
43. The Snake Story
44. Letters of Commendation
45. More Letters
46. Post Show Activities
47. We Shared with Other Clubs
48. Field Trips
49. Field Trip Guide
50. Highlights of the President's Field Trip
51. Pictures of the President's Field Trip
52. Rock Swap
53. Pictures of the Swap
54. Educational Classes
55. Educational Articles
56. Monthly Programs
57. Club Library
58. The Energy Crisis
59. Long Range Planning
60. A.F.M.S. Scholarship Fund
61. Library Display
62. Junior Member Activities
63. More Junior Member Activities
64. Contribution to Neihardt Center
65. Response to Neihardt Gift
66. Other Activities
67. Community Arts Council
68. NAOESCI Bulletin
69. Board Meeting and Christmas Party
70. Looking to the Future
71. R. Ulrich Turning Gavel Over to F. Rule, President-elect 1975

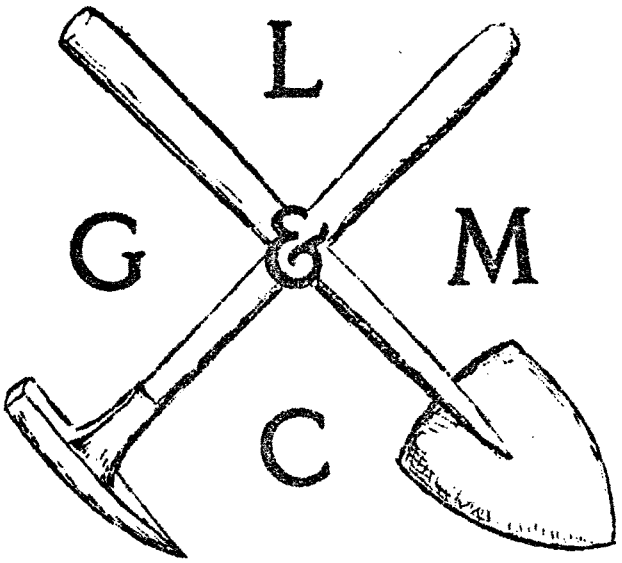
ACKNOWLEDGMENTS

THIS YEARBOOK WAS COMPILED AND SUBMITTED TO THE ALL AMERICAN FEDERATION CLUB AWARD COMMITTEE WITH THE CLUB'S APPLICATION FORM BY: RALPH ULRICH, FLORENCE BORING AND ROSA LEE WRIGHT.

Lincoln Gem and Mineral Club Bulletin

The Club publication, The Pick and Shovel, is widely circulated to other clubs in the United States and Canada, and to one club in Australia. Inside a typical bulletin are Club news, Federation news, calendar of events, notices of shows and meetings, and a wealth of information on various aspects of lapidary, crystals, minerals, and fossils. In addition one will find a well balanced seclection of technical, informative, and philosophically oriented articles selected from other publications and reprinted here with permission. Also articles written by Club members appear in our bulletins. These articles often appear later in other publications, which indicates that very good contributions are provided by the Club members.

THE PICK & SHOVEL



MAR - - 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, March 23, 1974, 7:30 p.m.
W.O.W. Bldg., 734 So. 27th St.

Program: Dr. Don Edwards of the University of Nebraska Engineering Dept. will present pictures of Nebraska and the Mid-West taken by Earth Resources Technology Satellite at the altitude of 567 miles.

Refreshments: Will be served by the Refreshment Committee.*

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

L.G.M.C. Board Meeting: April 4, 7:30 p.m., 5700 Otoe Street

Dates to Remember

Mar. 16-17	Vermillion, S.D. Coyote Rock and Lap. Club Show, Coyote Student Center
Mar. 22-24	Bridgeton, MO St. Louis, Mo. Rock Hobby Club 13th Annual Show, Machinists Bldg. Auditorium
Apr. 20-21	St. Joseph, MO Missouri Valley Gem & Mineral Soc. Show, Ramada Inn, Hwy. 6 & Ins. 29
Apr. 20-21	Cedar Rapids, IA Cedar Valley Rocks & Mineral Soc. Show, Hawkeye Downs, 6th St. S.W. & Hwy. 218
Apr. 20-21	Garden City KS Southwest Kansas Gem & Mineral Society Show, National Guard Armory
Apr. 26-28	Wichita, KS Wichita Gem & Mineral Soc. Show, Cessna Activity Center
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 & Mineral Society Show
May 4-5	Watertown, SD South Dakota State Gem & 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 and Mineral Society Swap, Crystal Lake
June 7-9	Cheyenne, WY Rocky Mt. Federation and Wyo. Federation of Mineral Societies Combined Convention and Show. Hosted by Cheyenne Mineral & Gem Society
June 13-16	Lincoln, NE A.F.M.S., M.W.F., and NAOESCI Show. Hosted by Lincoln Gem & Mineral Club, State Fairgrounds
June 21-23	Gillette, WY The Campbell Co. Gem & Mineral Soc. Show
July 20-21	Colorado Springs, CO Colorado Springs Mineralogical Society Show, City Auditorium
Aug. 17-18	Chadron, NE N.W. Rock Club Show
Sept. 20-22	Kimball, NE Plains Rock and Mineral Show, 4-H Bldg.

* The Refreshment Committee want to thank the following for the cupcakes served at the February meeting - Helena Baegl, Dot Balke, Flossie Litzenburg, and Hazel Howlett.

LAST MONTH....We'll never have this kind of a meeting again, I'm quite sure. If you didn't attend, you missed out on the fun of participating in one of the most important events of the year---getting 8634 registration packets for the National Show ready to be mailed. Fun----Yes! We got to visit during the meeting, eat delicious cup-cakes, and drink coffee while doing something very special. Our Registration Committee chairman, Norma Miller, and Publicity chairman, Marie Wells, and their helpers have done a tremendous job. Norma and Marie have given hours of service to the Club, and they deserve much appreciation and a lot of credit for the time and talent they have so unselfishly donated.

In spite of snow and ice, 62 members and 2 visitors were present for the workshop meeting. The guests were Orpha J. Weimer from Manchester, Indiana, and Ruth Shadbolt. After a short business meeting, we all got to work.

A conversation piece at the meeting was a very life-like kitty sculptured by Mrs. J. D. Young. This kitty's function is to receive Betty Crocker coupons. Do save your coupons and bring them to the meeting. I'm sure you'll want our kitty to be well-fed, and at the same time to be helping a worthy student to receive a scholarship.

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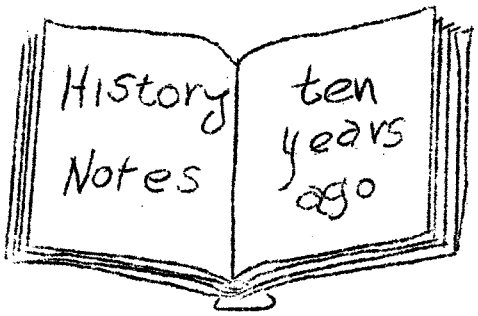

Four guests and 73 members of L.G.M.C. met at Roberts Dairy Party Room.

A code of good behavior for rockhounds on field trips was unanimously approved by the members as our club policy.

Dr. Lloyd Tanner of the University of Nebraska presented a lecture and slides on "Prehistoric Life."

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VAJA CON DIOS - May God Be With You

Cards were sent in the past month to:

Maurice Tracy (Get Well)
Coleman Gipson (get well)
Stan Greenwade (get well)
Art Howlett (get well)
Dick Hornung (sympathy)

Virgil Carveth wishes to thank Club members for the get well cards sent to him.

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A motorist, following a tail light in a dense fog, crashed into the car ahead of him when it stopped suddenly. "Why didn't you let me know when you were going to stop?" he yelled. "Why should I?" said a voice. "I'm in my own garage!"--Via Gem Time

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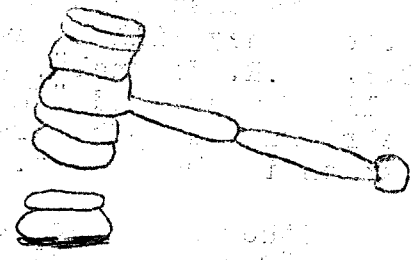
LATE FLASH -- Our good friend and Life Member Maurice Tracy is reported to be in Lincoln Genral Hospital undergoing tests. Remember him with cards and notes.

THE PRESIDENT'S MESSAGE



The thought comes to me that we members of the L.G.M.C., because we are hosting a National Show, have the opportunity to experience many preliminary activities that are not available to others more remote from the program. For example, I experienced a feeling of pride for our club and the members during the envelope-filling party Saturday night, February 23rd. The terrific response to the call for service shows a great spirit of participation and dedication. By sending these packets to club members in the Midwest Federation, the members in NAOESCI, and a few in nearby Western states, plus every club in the United States as well as several clubs in Canada, we in a way reached out with a hand of friendship and personally invited those recipients to come to our big event.

An attempt to give due credit to each one involved in this efficiently guided program would be very risky, because I most certainly would overlook someone. I would like to recognize that Norma Miller and Marie Wells were the architects not only for the design of the printed matter but also for the organization of the operation itself. Margaret Simmons was a great help to them. I also want to say a big blanket thank you to all those who addressed envelopes, sorted them out according to zip code and state; and finally to all that helped in other ways, a big thank you!

I often reflect back to other shows that I have attended as a guest. At one such show I heard reference to how hard "everyone" had worked and how tired "everyone" was. The people even looked tired. I felt guilty that I had only added to their discomfort by coming to the show. Contrast that situation with the one at Anaheim, California, a National Show, where I heard the Chairman say that he had become so involved with the show that it seemed to be a part of his life. Now that so many good people were in attendance he felt it was worth the effort. He even said that he would do it another time, but he thought other clubs should experience the satisfaction of hosting a big national show too. I hope that our club members can always remember to be good hosts. When anyone feels tired or overwhelmed, may I suggest that you talk with one of your fellow club members in private rather than spread the word among our guests.

Once again the question of a suitable meeting place has come before us. Frank Rule is Chairman of a committee recently appointed to search for a meeting place that costs less, has more room for our ever-expanding club, and that has a storage space that doesn't drip when the the rains fall. Nelda Oliver and Tom Simmons have agreed to serve with him and to seek out possible leads.

The show in Kansas City was again a huge success. I thought the displays were arranged with more thought being given to the beauty of the overall presentation. All in all, it was a fine show. Our publicity director, Marie Wells, did a fine job of boosting the big '74 National Show.

--Ralph Ulrich, President
Lincoln Gem & Mineral Club

From the Editor's Desk

The past month we have added two new Exchange Bulletins to our list. They will be available at the March meeting. They are "The S.F.T.R.R. Journal", published by the Santa Fe Rock Rollers of Stilwell, Kansas, and "The G.I. Nugget"--the bulletin of our newly organized Nebraska Club--The Grand Island Earth Science Society, Inc. Darlene Janzen is the editor.

Other Exchange Bulletins that we have received recently are:
"Southern Applachian Mineral Society Newsletter", Asheville, NC
"Spring River Gem and Mineral Club News", Hardy, Arkansas
"Tips and Chips", Arvada, Colorado
"Geode Newsletter", Miami, Florida
"Gem Cutters' News", Baltimore, Maryland
"Rockwood Rockhound News", Creve Coeur, Missouri
"Napa Gems", Napa, California

Each month Exchange Bulletins are brought to the meeting. They are for you to look over. If you wish to check out any, feel free to do so. We'd like to have them returned at the following meeting.

NOTICE TO NEBRASKA BULLETIN EDITORS

The Editorial Staff of "The Pick and Shovel" wish to invite you to help man the Editors' Booth at the '74 National Show. The booth will be located in Bldg. A (Exposition Building). We would like to have 8-10 volunteers who could spend about 5 hours each in the booth. Will you please notify Evelyn Ulrich, 3521 So. 48th St., Lincoln, NE 68506 if you can help, and please specify the time that you prefer. I hope from this information that a satisfactory schedule can be worked out.

Bring some extra copies of your bulletin to be distributed to visitors at the Show.

Working in the Booth will afford us an opportunity to get acquainted and swap ideas for our bulletins.

--Evelyn, Editor Pick & Shovel

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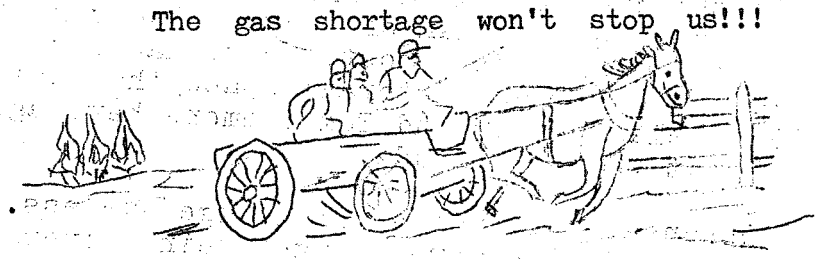
WE'RE ON OUR WAY TO THE '74 NATIONAL SHOW
IN LINCOLN
The gas shortage won't stop us!!!



"The Place To Go In '74"

BOARD MINUTES-------

The Lincoln Gem & Mineral Club Board meeting was held February 7, 1974 at 3909 Pace Blvd. at 7:30 P.M.
Board members present: Ralph Ulrich, Tom Simmons, Nelda Oliver, Norma Miller, Marie Wells, Howard Taylor and John Harrison, Jr..
Committee members: Evelyn Ulrich and Art Howlett.
President, Ralph Ulrich called the meeting to order, with reading of the minutes of the January meeting. They were approved as read.
Treasurers report given by John Harrison, Jr. and approved as read.
A discussion was held on the bond for the treasurer. Motion by Tom Simmons to increase the signature to two people and increase the bond to $7500.00. President to be second signature. This will require only one signature to sigh a check, seconded by Norma Miller. Motion carried.
President, Ralph Ulrich read bills. Motion by Howard Taylor to approve bills as read, seconded by Tom Simmons.
A discussion whether the club collects enough money to hold it's own. The membership dues do not offset the expenses. Financial statement is ready for membership. Our expenses have doubled, for instance the rent for hall. A motion by Marie Wells taht President appoint a committee of three to investigate possibility of meeting place for free or at less expense, seconded by Howard Taylor. Motion carried.
A short discussion was held on building a meeting hall after the 1974 show. This requirr a lot of study and will only be a thought at this time.
President read correspondance. A letter from Elmer Priege sent to the editor with issues he is missing. A motion by Norma Miller that Howard Taylor furnish copies of the bulletins that are missing in Elmer's historian file, via zerox and Howard be reimbursed for his expenses, seconded by Tom Simmons. Motion carried.
Bulletin editor Evelyn Ulrich reported Marvin Anderson from Ceresco, a member of our club, would like to advertise in the P & S. Motion by Tom Simmons to accept the ad from Marvin Anderson, seconded by Marie Wells. It is up to the editor to place the ads where convenient. They are planning on one page for ads.
A discussion was held on raising subscription prices of P & S and the ads. Motion by Norma Miller that private ads be raised to $3.50 for one third page of P & S per issue, giving thirty days notice to become effective April 1, 1974, seconded by Howard Taylor. Motion carried.
More discussion on raising prices of subscription rates for Pick & Shovel for non members A motion by Norma Miller to raise subscription rate from $2.00 to $3.00 regardless of how many issues per year. Amended to non-member subscriptions, seconded by Marie Wells. Motion carried, Marie Wells was the one apossing vote. A box will be put in the P & S with subscription rate for non-members and membership dues. This applies to renewal or new subscription..
John Harrison led discussion on what to charge, when one spouse is a member in good standing and wants to bring other spouse into club. Should a $1.00 fee be charged? We will follow the by-laws, which states the fee must be paid unless they come in as a family membership.
New members Mr & Mrs Bruce Glantz and family, Dick & Carol Eckels, Ila Boettcher, E. L. Maxfield and reinstatement of Floyd Olson. Motion by Howard Taylor to approve the above to membership, seconded by Norma Miller. Goldie Quinn will also be a new member but no board action is required, as husband is member in good standing. Motion carried.
Roger Pabian was not here to give report on merit awards.
Marie Wells asked about field trip guides. More will be out shortly.
Motion to adjourn Tom Simmons.

Nelda Oliver, Secretary

1974 NATIONAL SHOW COMMITTEE MEETING - Febraury 14, 1974 - MINUTES

Meeting called by letter of Jan.31,1974 from Show Director Irl Everett. Present were Steering Committee Members, Show Director Irl Everett, Directors Norma Miller, Marie Wells, Howard & Marie Taylor, Ralph Ulrich, John Harrison, Roger Pabian, Phyllis Parks, Ray Grabher; committee members Barbara Allen(reporting for Director Hal Allen), Lynn Wells, Frank Rule and Larry Bigley.

Irl opened the meeting with exciting news of the Mineral Heritage Stamps to be at our Big Show with First Day Cover on June 13. Publicity Director already working with U.S.Postal Service and Lincoln Stamp Club on this. Irl also told of a letter from Dayton, Ohio asking to have 40 rooms reserved for their group.

Wishing to clear up some questions regarding his own title and duties for this coming event, Irl had ¶ 2 & 3 of the May 17, 1973 minutes read, referred to Part 4 in Policy File, and ¶ 17 of the May 17, 1973 Show Minutes read.

Reports in brief-(Many presented in complete form in Pick & Shovel.)

Administrative Assistant Ralph Ulrich has written Show Co-Ordinators and Federation Presidents- their answers stress National Show as a focal point for local attention and the feeling that all rockhounds will automatically plan to attend. The MWF spring Executive meeting has been postponed until our June show.

Special Events report by Barbara Allen-have Thursday barbecue, square dance planned, Friday Polka Band and other events not confirmed.

Secretary Phyllis Parks had questions from Tom Rule, suggestion made to have a stand-by camera crew so more than one place could be covered at one time.

Reservations Director Norma Miller announced Florence Boring Meals Chairman, Stan and Hazel Greenwade coordinating information booths.(Rest of report this month P&S). Marie Wells moved that people to be admitted free on a working basis must put in at least one full day at the show; second Norma Miller, approved. Bruce Simon moved that responsibility for passes be limited to the Directors of each committee, second Marie Wells, approved.

Recognitions Director sent message that he would hold meeting to finalize ribbon orders as soon as he had all requests and estimates available. Some lists still not presented.

Features Director Marie Taylor reported some changes in program schedules.

Publicity Director Marie Wells reported ads to be in Lapidary Journal, Gems & Minerals, Rocks & Gems, and very good coverage in all above and in Federation Newsletters.

Dealer Director Howard Taylor reported dealer applications till arriving. As MWF officer he urges every member to use MWF decals which are available.

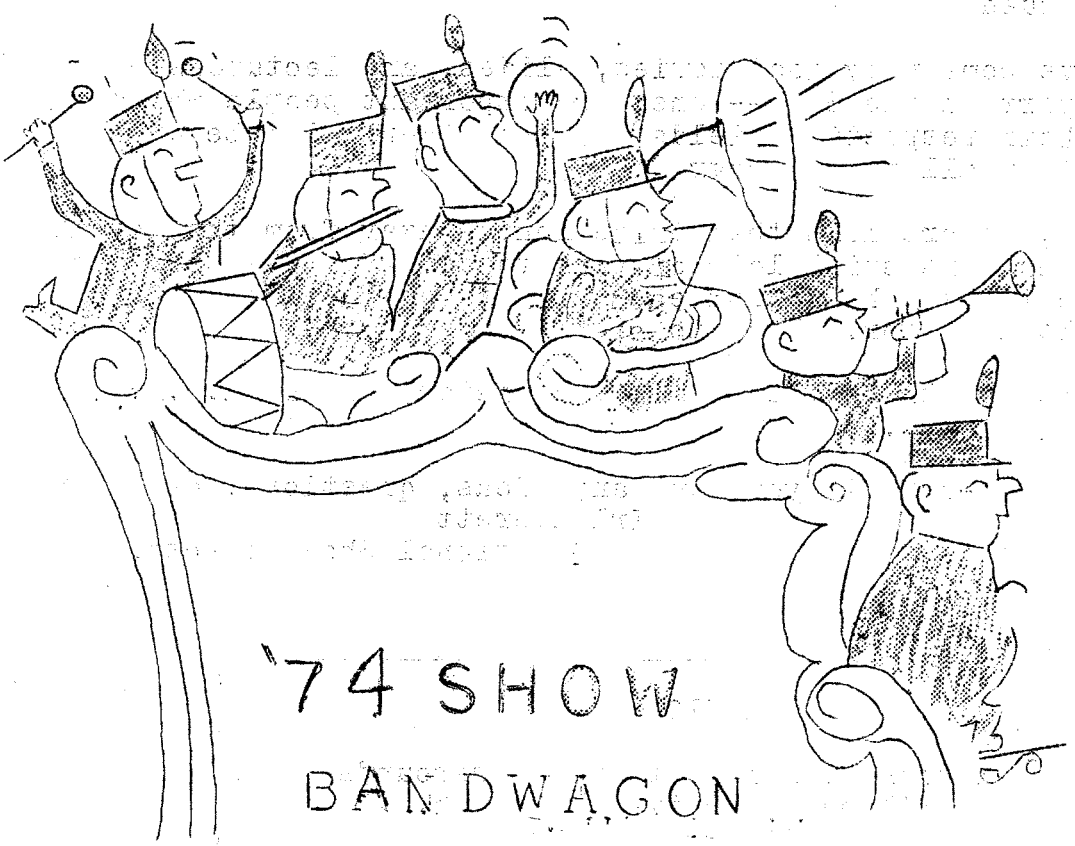
Roger Pabian, Displays Director, has 453 confirmed displays with a total of 262 ex= hibitors, and apps. still coming in.Non-Comp.deadline apps May 1, 1974.

Bldg. & Sites Director John Harrison reported close work with Security Geo.Balke, in securing bids for security, decorating, public address, etc. 311 tables Bldg.A, Expo. Hall, 510 tables Bldg. B, Grandstand.

Ralph Ulrich made motion that we accept quotation of Coordinated Services and that both directors negotiate with them for a suitable program and that directors limit total cost to not more than $6,000, second Barbara Allen, approved. John Harrison made motion that we accept bid of Communications Specialists Inc. with maximum of $400, second Phyllis Parks, approved, for public address systems.

Meeting adjourned with next meeting to be March 14, 1974, Room 122, Nebr. Hall.

Respectfully submitted
Phyllis Parks, Secretary Director



Try as I may, I can't get it out of my mind, and that's this: We are going to have the greatest Gem and Mineral Show ever held in this area.

There are lots of things that give me these ideas. We are planning a rock show that will cover all Rockhound needs. Our committees are working overtime to see that everyone has a good time. Since we have had one meeting after another on all phases of the Show, I can see great things shaping up. The Building and Sites has everything under control, plus the fact that we have lots of space filled. As you remember, Bldg. A will house the bulk of the displays along with the Federations, Magazines, and Working Demonstrations. Building B will house the Retail Dealers, Machinery Dealers, and other good displays. The Open Air Auditorium will have the Swap and Special Events.

The Special Events Committee has some real good things lined up for us that we will enjoy. I know of a couple of things like an "ole-fashioned" Bar-B-Que, Square Dancing with fiddlers, banjo-plunkers, and others. They are also working on other fun things.

I have had lots of mail concerning swapping and field trips. As stated before, the Swap will be held in the Open Air Auditorium. Everyone who swaps will be there.

The field trips that we have worked on are local ones. The L.G.M.C. will not host any trips, but information will be ready so it can be picked up and used.

We received an Exchange Bulletin from a Club that said we are furnishing buses to field trip sites--this is not true, and I'm sure you all understand this would be an impossibility on the L.G.M.C.'s part. <u>We are not furnishing transportation to the sites</u>.

Bandwagon, Continued

We also have some very good movies, slides, and lecturers who will be taking part in the Show--some very important people who are well-known in their respective fields. I know there will be a high rate of interest in all these programs.

As you know, we are less than three months away from the actual Show dates and there is still lots of work to do. To make this Show a success, we have to have help from each one of you. Get on a Committee and work with the director. Plan to spend time with us.

This will be the biggest event in the history of the L.G.M.C. and we all want to be a part.

Please call 466-6204 if you have any ideas, questions, or improvements.

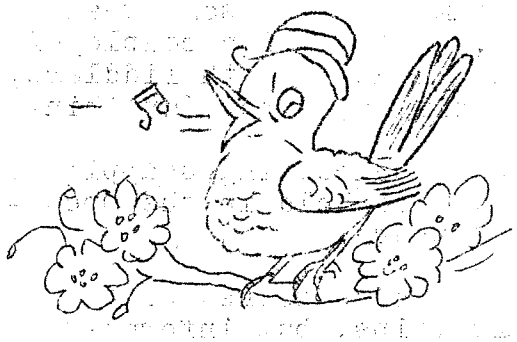
--Irl Everett
1974 National Show Director

NOTICE

Telephone service at the Fairgrounds will be effective June 11th.

Administration Bldg-------475-0047
(Registration Desk)
Bldg A--(Exposition Bldg)----475-0186
(Exhibits)
Bldg B (Grandstand)----------475-0189
(Retailers)
4-H Bldg----------475-0145
(Wholesalers)

THINK THAT DAY LOST WHOSE LOW DESCENDING SUN
VIEWS FROM THY HAND NO WORTHY ACTION DONE.



NATIONAL GEM & MINERAL SHOW - 1974
Registrations Director's Report

Well, the "impossible" is done!!! Thanks to L.G.M.C. members who helped with the March 1st mailing we were able to accomplish a mountain of work. To make this a complete report for the record as well as to inform everyone of what has transpired I will go back to December, 1973 when Ralph Ulrich (administrative assistant) wrote all club presidents in the MWF asking for membership rosters. In the letter he stated it was our intention to mail packets of show information to all MWF club members, plus packets to all clubs in other federations. The response to this request brought rosters from 129 clubs with a total of 6,518 individual names.

In January we began addressing envelopes. Members helping with this were Evelyn Ulrich, Helena Baegl, Mildred and Rev. Pfeiffer, Hazel and Dean Baumeister, Grace Carson, Arlene and Don Eckle, Lois Terry and children, Virginia Green, Ruthie Coleman, Norman Engelhart, Glenna McGinnis, Tam Dutcher, Jo Eva Jones and Brent Jones, Tom Simmons, and Flossie Litzenberg.

While this job was being done the printing of information was being organized and completed. Marie Wells and Norma Miller compiled the registration form and meetings schedule brochure, Roger Pabian and Nelda Oliver printed the exhibitors advisory, and the hotel-motel information sheet and map was printed by Margaret and Roger Simmons. (Eric, too, I'll bet.)

When the envelopes were all addressed the next big job was to sort them according to zip codes. This was accomplished through hours of work by loyal members who stuck with the job many afternoons and evenings. They were Norman Engelhart, Glen & Flossie Litzenberg, Hazel & Dean Baumeister, Frank and Tom Rule, Marie & Lynn Wells, Ralph Ulrich, Bill Schneider, Luella Paul, and Virginia Green.

A pre-meeting meeting was held by Margaret Simmons to organize the procedure for assembling the material. On the afternoon of Saturday, Febr. 23 (our regular meeting day) tables and chairs were arranged in the meeting room and the material readied for that nite. A brochure from the Chamber of Commerce about Lincoln, and a list of Nebraska hotel-motels from the Nebraska association was to be included in the packet. Sixty-two members appeared to help with assembling the information sheets, stuffing, sealing, and tieing the envelopes into bundles by zip code. The whole works was then loaded into Ralph Ulrich's van ready for the Post Office. Florence Boring and Rosa Lee Wright assisted in the afternoon and evening along with the others listed above.

At 7:30 a.m. on Monday, Febr. 25, Ralph was first on deck at the east dock of the main Post Office to unload the boxes. Norma Miller appeared on the scene in time to help with the last half and to watch the weighing out. The total weight in the mailing came to 998 pounds (almost one-half ton)! The total number of packets mailed was 8,634. About 100 additional packets have since been sent on request.

Now, how does that grab you for accomplishment? It just goes to show that when work needs doing you can count on the members of L.G.M.C. to come through and really produce. I thank each of you sincerely who helped in any way in this effort. It was almost overwhelming when we first started on the project, and I want to thank everyone for their patience with me and with each other in ironing out the little problems that arose as we went along. I also want to thank my family (who incidently are not rockhounds) for their perseverance with me. It takes the cooperation of all to make a success of any effort, and this mailing is proof that it can be done. Thanks again.

--Norma Miller, Registrations Director

Commitments made by Nebraska Clubs for banquets, luncheons, and breakfasts which have been received to date:

Banquet Favors

Mid-State Gem and Mineral Club--Shelton-Gibbon	Delivered	Dec. 8, '73
Homestead Gem and Mineral Club--Beatrice	"	Jan. 27, '74
100th Meridian Rock Club--------Cozad	"	Feb. 21, '74
Pan Handle Rock Club----------Scottsbluff	"	Feb. 23, '74
Loup Valley Rock and Mineral Club-Columbus	"	Mar. 1, '74
Nebraska Minerals and Gem Club--Omaha To be	"	Mar. 9, '74

Editors' Breakfast Favors

Central Nebraska Rock Club------Hastings	Delivered	Mar. 1, '74

NAOESCI Favors, Meadow Larks and nests

Myrtle Young----------Lincoln	Completed	Mar. 1, '74

Delegates' Luncheon Favors

Fort Kearney Rock Club----------Kearney	Delivered	March '74

Centerpieces

Fort Butler Rock and Gem Club---Hebron	Delivered	Febr. '74
Prairie Rockhounds----------Ogallala	"	Sept. '73
Fort Kearney Rock Club----------Kearney	"	March '74

Menu Covers

Banquet--Frances Tracy and Luella Paul-Lincoln	Delivered	Febr. '74
Editors' Breakfast-Fort Butler Rock and Gem Club-	"	Sept. '73
Naoesci Luncheon--Evelyn Ulrich--Lincoln--------	"	Febr. '74

Miscellaneous Favors

Goldenrod Bookmarks--Flossie Litzenberg-Lincoln-	Delivered	Febr. '74
Pick and Shovel Tie Tacks--Frank Rule-Lincoln	"	Febr. '74

--Evelyn Ulrich, Coordinator

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"It's the hand we clasp with an honest grasp...That gives us a hearty thrill...It's the good we pour into other's lives...That comes back our own to fill...It's the dregs we drain from another's cup...That makes our own seem sweet...And the hours we give to another's need..That makes our life complete." --Unknown

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The Beautiful in Life

Some utter it in poetry.
Some grow it from the soil,
Some build it in a steeple,
Some express it through their toil--
Others, into art,
Some mold it into breadloaves,
Some have it in their heart--
For each life has the power to make
The beautiful show through--
And you reveal the beautiful
In life by being you.

---Mary Dawson Hughes

NATIONAL GEM & MINERAL SHOW - 1974
SCHEDULE OF MEETINGS
AFMS-MWF-NAOESCI CONVENTION

Tuesday, June 11, 1974

AFMS Uniform Rules Committee
8 a.m.-9 p.m.--Nebraska Center
Lunch on your own
AFMS MWF Cracker Barrel Session
9 a.m.-12 noon--Nebraska Center
Lunch on your own

Wednesday, June 12, 1974

AFMS Officers Meeting followed by
AFMS Scholarship Meeting
8 a.m.-5 p.m.--Nebraska Center
Lunch on your own

Thursday, June 13, 1974

Judges and Clerks Breakfast
8 a.m.--Fair Grounds
Judges and Clerks Meeting
9 a.m.--Fair Grounds
AFMS-MWF Junior Activities Meeting
10 a.m.-12 noon--Fair Grounds
FUN NITE--Barbeque 7:30 p.m.
Square Dance 9:00 p.m.

Friday, June 14, 1974

AFMS-MWF Bulletin Editors Brkfst
8 a.m.-11 a.m.--Nebraska Center
MWF State Directors Meeting
10 a.m.-12 noon--Nebraska Center
MWF Executive Committee Meeting
2 p.m.-5 p.m.--Nebraska Center
FUN NITE--Fair Grounds--9 p.m.

Saturday, June 15, 1974

MWF Delegates Meeting--Nebr. Center
9 a.m.-5 p.m.
Luncheon--Nebraska Center
Pre-Banquet Social Hour--
Nebraska Cider
5:30 p.m.--Nebraska Center
Awards Banquet--
6:30 p.m.--Nebraska Center

Sunday, June 16, 1974

AFMS-MWF Past Presidents Brkfst
8:30 a.m.-10 a.m.--Fair Grounds
NAOESCI Delegates Meeting--
Fair Grounds -9 a.m.-1 p.m.
Luncheon

ROLLIN' ROCK CLUB Meeting

Lincoln, Nebraska REGISTRATION FORM June 13-16, 1974
AFMS-MWF-NAOESCI CONVENTION AND SHOW
State Fair Grounds and the Nebraska Center for Continuing Education

Pre-Registration Deadline--May 30, 1974

Name_____

Address_____

City_____Zip_____

Society_____

Indicate: Delegate___MWF___ NAOESCI___
Judge___Clerk___Federation___Speaker___
Editor___Exhibitor___Jr. Activities___

Pre-registration fees	No.	Amt.
4-day adult $4.00 ea.	___	_____
Jr. (13-17) $2.50 ea.	___	_____
Barbeque $4.00 ea.	___	_____
Editors Brkfst. $2.75 ea.	___	_____
MWF Del. Lnchn $4.00 ea.	___	_____
Awards Banquet $7.50 ea.	___	_____
NAOESCI Lnchn $4.00 ea.	___	_____
Total		_____

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

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

Mail to: Norma Miller, 931 Cottonwood Drive
Lincoln, NE 68510

NATIONAL GEM & MINERAL SHOW - 1974
SPECIAL EVENTS

Fun Nites will feature Succulent Western Barbeque, Square Dance, The Oliver Hotsie Totsie Polka Band, and other interesting events.

SPECIAL EXHIBITS

Minerals from the Smithsonian Institute.
Rock Art--Ivan E. Painton, internationally known artist, painter, poet and lapidarian.
Rock Pictures--Howard and Harvey Kenfield.
Minerals from the collection of David Wilbur, and many others for your enjoyment.

SPECIAL FEATURES

Mr. Lincoln Borglum, son of Gutzon Borglum, who designed and engineered Mt. Rushmore, guest and banquet speaker.
Dr. C. Bertrand Schultz, University of Nebraska--program participant.
Scott Williams, Prof. of Geography, Peru State Teachers College
Dr. Harry E. Raplus (Prof. Emeritus) Prof. of Ed. Lap. Arts at Upper Iowa College, Fayette, Iowa--program participant.
Prof. Benjamin Moulton, Dept. of Geography and Geology at Indiana State University--program participant.

--and other participants--

Daily programs by Mrs. June Culp Zeitner
Daily 30-minute program for children only

WORKING DEMONSTRATIONS

Sand Plaques	Glass Sculpture
Silversmithing	Faceting
Picture painting on rock	Sand Bottles
	Automatic cab maker

LOCATION: The show will use facilities on the State Fairgrounds, 1500 N. 17th St., on the edge of the University of Nebraska campus and adjacent to Interstate I-80. Ample FREE parking. Show hours, 9 a.m.-9 p.m., June 13-15 and 9 a.m.-6 p.m., June 16.

ADMISSION: The show is open to the public. Daily and 4-day passes are available.

4-day pass (adult)--$5.00 Daily pass (adult)--$2.00
4-day pass (Jr. 13-17)-$2.50 Daily pass (Jr. 13-17)-$1.00
Children 12 and under FREE accompanied by an adult, otherwise $1.00

NATIONAL GEM & MINERAL SHOW - 1974, continued

CONVENTION HEADQUARTERS: Nebraska Center for Continuing Education, 1600 N. 33rd St., Lincoln, Nebraska.

CAMPING FACILITIES: On the Fairgrounds--make reservations with State Fair Board, Box 81223, Lincoln, NE 68501. Other campgrounds nearby.

EXHIBITS: Comp. and non-comp. are welcome. Make application for display space with Roger Pabian, Box 5342, Lincoln, NE 68505.

FIELD TRIPS: No organized field trips will be held in conjunction with the Show. Information will be available at the show for self-guided trips.

SWAPPING: Continuous organized swapping will be held in the Fairgrounds open-air auditorium.

PROGRAM: A full schedule of illustrated lectures and demonstrations awaits you.

SYMPOSIUMS: Micro-mount, Facetor, Junior activities, Safety and Field Trips, Exhibitor.

HOUSING: Limited number of rooms available at convention center. **

PETS: No pets allowed in Show buildings.

FOOD: Available on the grounds and at the Center. Many restaurants nearby.

Consider AMTRAK, AIRWAYS, BUS . . . . all come to Lincoln.

** Hotel Motel list available upon request. Use address on registration form.

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MINERAL HERITAGE STAMPS - The following page is copy from the Sunday Lincoln Journal & Star with information relative to the stamp to be issued on June 13th at the National Gem and Mineral Show hosted by the Lincoln Gem & Mineral Club at Nebr.State Fairgrounds. Our thanks to the Lincoln Newspapers. Below is additional information compiled by Editor Evelyn Ulrich, to add interest for the Rockhound.--

"The designs were unveiled Febr. 8 by Senior Assistant Postmaster General Benjamin F. Bailer at the Tucson Gem and Mineral Show. Mrs. Milton Turner of Bethesda, Md., Chairman of the American Federation of Mineralogical Societies Commemorative Stamp Committee, has been campaigning for such a stamp since before the Federations big show in Washington, D. C. in 1967. She deserves much credit for getting the needed support for her project. She obtained indorsements from the Smithsonian Institution, members of Congress, officials of regional and local groups, and rockhounds all over the U. S.

The stamps were designed by Leonard F. Buckley of the Bureau of Engraving and Printing. His art source was found in Curator Paul E. Desautels Division of Mineralogy at the Smithsonian Institution in Washington D. C. By turning the usual square format 45 degrees, he has created the first United States diamond format. Buckley and Frank Naslick prepared the model for the engravers, Edward P. Archer for the amethyst, Thomas Hitchen for the rhodochrosite, Joseph S. Creamer for the tourmaline, Arthur W. Dintaman for the petrified wood, and Albert Saavedra for the lettering. There are 48 stamps and a single plate number to the post office pane."

Information taken from article by Belmont Faries in Washington-Star-News.

Mineral Heritage Set Shaped Like Diamond

Designs of the Mineral Heritage stamps to be issued June 13 at the National Gem and Mineral Show in Lincoln have been unveiled. The four 10-cent stamps represent a new treatment of the classic square format.

The stamps, to be issued as a set, will commemorate America's mineral heritage.

By rotating the square format of the stamps 45 degrees, designer Leonard F. Buckley achieved a nearly diamond shape for the individual stamps and for the set of four. In use, such rotation will be encouraged by the positioning of the stamp denomination — the numbers appear horizontallly only when the stamps are rotated.

First day ceremonies will be at the State Fair Grounds with the Lincoln Gem and Mineral Club as host.

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

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.

First day cancellation requests should be sent to "Mineral Heritage Stamps, Postmaster, Lincoln, NE 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 providing the name of the gem desired is indicated in the upper right corner of the cover.

Funny things, minerals. Some, like diamonds, are expensive. Others like salt, cost little but are vital. There are minerals whose worth is their combining to form resources like coal, oil and natural gas. And then there are minerals like uranium. With one application, man offers terror and threatens his planet. With another he drives useful machines or fights disease.

Minerals through the ages have been sources of wonder, the stuff legends and superstitions were made of. Men have cut and polished minerals to produce gems for jewelry and gems for grinding into medicinal potions.

According to Robert Burton in **The Anatomy of Melancholy**, the topaz, when pulverized and ingested, would "allay anger, grief, diminish madness, much delight and exhilarate the mind." Beryl, according to the Elizabethan author, "much avails to a good understanding, represseth vain conceits, evil thoughts, causeth mirth." (Minerals are used in modern medications, but the claims for them are more modest.)

Minerals have another, more recent, use — providing pleasures not associated with wealth but pleasure coming from the search, discovery and collecting by hobbyists.

Lapidary as a hobby has greatly expanded in the United States. Hobbyists have found and polished minerals and rocks previously believed unsuitable for gems. In their quest, they have added to the number of known minerals. While the best hunting grounds for these hobbyists are Maine, California, Colorado and South Carolina, new gem areas are being uncovered throughout the country.

The Mineral Heritage stamps call attention to the immense contributions minerals have made to making the United States a leader among nations and its people the most advantaged on Earth.

Lincoln Club Offers Cachets

A two-color cacheted FDC for the June 13 Mineral Heritage stamp issue is being offered by the Lincoln Stamp Club.

The 10-cent se-tenant block of four commemoratives will be issued by the USPS during the National Gem and Mineral Show at the State Fair Grounds, where approximately 30,000 to 40,000 visitors are expected.

The Bi-color cachet, which will feature one of Nebraska's stones illustrated on the stamps, is the only cachet officially sanctioned by the four participating mineral and gem organizations.

Serviced covers with the se-tenant block of four and informational insert are available at $1 each. A No. 10 self addressed stamped envelope is required. Addressed gummed labels are appreciated. They may be ordered from: Mineral Heritage Cachets, Lincoln Stamp Club, Box 80951, Lincoln, NE 68501.

NELDA'S NEWS

Vi VanCleave has been in the hospital for surgery. At last check she was home.

Stan Greenwade was hospitalized, but should be home for a while. He had many test run. Friends should call him at home.

Bill Hendrickson is at Madonna Home and would enjoy heraing from his 'Rockhound' friends. Vistors are welcome.

LB855 was passed by the legislature 44-0. This bill authorized the State Historical Society to aquire and develop the center in the name of the state. The center is a tribute to the memory of Dr. Neihardt.(Vetoed by Exon -3/15/74 STAR)

The February meeting seemed to be enjoyed by the members attending. Maybe a work program should happen more often. Members and guests rolled sleeves and dug in.

Roger Pabian's class will meet at Larry Bigley's house on May 10, 1974. Use side door.

Anyone with ideas on meeting halls for LGMC contact Frank Rule, Tom Simmons or Nelda Oliver. All leads will be checked out. We are fast outgrowing the hall on 27th Street.

Mrs Young reports she will have the Jade ring and the Crystal ring, the Jade ear rings and necklace of Dr. Neihardt's to display at the '74 show from Hilda. She also plans on displaying the homemade lapidary equipment of Dr. Neihardt's on loan from Alice Thompson.

Maurice Tracy is in room 406 at Lincoln General Hospital. Friends should send cards. He is having test at this time.

Word from Dorothy Engelhart that new members the Bruce Glantzs are attending the work shop at Nebraska Hall.

Bob & Millie Bainbridge are planning on being home by this weekend. (March 16)

Marie Wells received a letter from George & Glenna McGinnis postmarked Quartzsite, Ariz. Gas shortage there is acute. The three stations in town are only open two hours a day and people line up for gas. They have met many friends while there.

The next board meeting will be at my home, 5700 Otoe Street. There really is such an address. Take 56th street to Van Dorn, Van Dorn to 58th street, 58th street one block south to Otoe. Anyone wanting more information feel free to call me. Our house is White with black trim.

till next month, Nelda

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Thanks!

From Marie Wells comes a special thank you to the following people for their wonderful displays at the seven branches of the City Libraries during February and March and at the First National Bank during March, directing attention to the coming 1974 National Show: Brent Jones, Joella Olson, Dorothy Hornung, Tom Simmons, Roger Simmons, Don Carter, Lois Everett, Roger Pabian, Howard Taylor, George and Glenna McGinnis, Frank and Tom Rule, Larry and Marita Bigley and Lynn Wells.

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" I wish to thank the members of Lincoln Gem & Mineral Club for the many cards which I received while in the hospital. " Stan Greenwade

JUNIOR PAGE

News from the Petrified Pebble Pups

Brent Jones was elected president of the Petrified Pebble Pups 4-H Club. The meeting was held on Febr. 11 at the home of their leader, Mrs. Marie Wells.

Other officers elected were: Vice-president, Mary Green; Secretary-Treasurer, Sandy Wright; News Reporter, Paul Sailor.

Mrs. Wells informed the Club members of different kinds of rock collections they can start. She also showed many different kinds of rocks they may put in their collections.

New members are: Kim Johnson, Charlie Capek, and Paul Sailor.

Guests were: Mr. Ralph Johnson, Mrs. Pivonka, and Mrs. Wright.

--Paul Sailor, 4-H Club News Reporter

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HOW OBSIDIAN IS FORMED:

The mineral called obsidian is glossy black glass. It is an igneous or fire-formed rock made by volcanic fury in the earth's crust. In the fiery fury, quartz minerals were boiled and melted. Quartz is the hardest of the common minerals, and makes up most of the gritty grains of sand, and quartz sand is one of the ingredients used in man-made glass.

A few million years ago, volcanoes raged in our Western mountains. Some of them poured forth rivers of molten quartz minerals. Some of this seething lava cooled into glassy obsidian. In many places, lumps and great chunks of obsidian are found on the ground and in a few places, whole cliffs are made of this natural glass.

--From the Kaw Valley Pick and Chisel, via Show Me Newsletter

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JOKE: In the days when ministers were poor, a certain minister was awakened in the middle of the night by a prowler. . ."What are you looking for?", demanded the preacher. . ."Money", answered the prowler. . . ."Wait a minute until I get my pants on and I'll help you look", said the minister. -- via Limestone Rattler

Question: What is the biggest jewel in the world?
Answer: A baseball diamond! --S.I.E.S. Club News

Question: How can you stop an elephant from charging?
Answer: Easy, just take away his credit card.

Question: What happens to a duck that flies upside down?
Answer: It quacks up.

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SPECIAL BOARD, COMMITTEES & ENERGY STUDY MEETING--FEBRUARY 4, 1974 (Highlights)

Reports from standing committee and discussion obout the duties of the committee people.

Liason: Norma Miller lacking a Liason file. Ralph Ulrich will check with Roger Simmons for the file box. Liason to keep a record of & communciate with the Federation. Any letters pretaining ro the club business from the federation should be turned over to the Laison for filing.

Refreshments: Need supplies, can order from any store committee wishes. Feel free to call on other club members to help for an evening.

Hospitality: Need a certain % of members and board members present to make meeting official to transact business. Consider a vistors curtesy committee. Someone to invite guests on field trips and etc.

Membership: People do not need a collection to join club. If they show an interest, encourage them to join, Most people who visit have the opportunity.to join. They should be invited on field trips.

Vaja Con Dios: no report, but needs $15.00 for postage & cards.

Historian: We do have a Historian, Frances Tracy, turn records over to her and if she thinks they have a historical value she will file them. After 3 or 4 years treasurer should turn records over.

Librarian: Be on look-out for new books. Expand the library? Roger Pabian suggest list of official MWF &AMF references of judging. Buy a set and have them for the show. Charge them as a 1974 show expense. Might get a set of special Lapidary & Mineralogy refrences, there are none on fossils.

Property & Housing: Congestion on south wall-Put table on stage and display tables in front-Put carts on stage and tables on north wall- Put the table on west end and set members and guests set in back. These ideas are because people are holding other meetings or visiting in the entrance room. Maybe have an usher or Sargent-at-arms to escort people to chairs.
If anyone barrows club property it should be returned in the same conditi as it was received. We are outgrowing our home, this may mean a change in meeting nights to find a new home.

Field Trips: Larry Bigley is making a field trip guide. Presidents field trip will be to the Crawford area,(eastern Wyoming & South Dakota) this will be a come and go trip from August 15 thru 30. Plan to take in the Crawford Show. Details will be in the guide. Rock Swap close to South Bend Iowa, Tom is trying to line a field trip up with this in May. Short trips only before the show. After the 1974 Show we will be taking longer trips.

Education: About 15 people showed for Roger Pabian's first class on Geologic time class. Ground work laid on what they are doing and how they will do it. Would like to get people to bring disolays to meetings of the monthly feature. Roger is contributing to the P & S each month. Will try to furnish energy conservation pamphlets to members of the club. Cases are still available to schools if they ask for them. Cases are on display at the library. Another series of field trip guides coming out soon.

Programs: Florence Boring is trying to get programs more general. Anyone with idea contact her, she is open to suggestions.

Calling Committee: No discussion.

Community Arts Council: We are using the postage permit from them. They also have availabe to us a mailing list of about 10,000 members. They furnish labels from the IBM of anyone who was a member of any art association.

NAOESCI Reporter: not present. Norma Miller reports the bulletin is getting under way. Lois Terry is typing stencils, Flossie Litzenber has circulation-labels and plans are to assemble the copies at her home. Howard Taylor reports some clubs still have not paid dues. Last year they had 19 clubs and 15 or 16 have paid dues to date. They are trying to get more people to purchase a subscription to NAOESCI bulletin as well as new clubs. They do not take commerical advertising. Howard Taylor will check at the next mee ing. The directory whcih is in the process now will probably have ads. The next State Association meeting Howard will dheck about advertising.

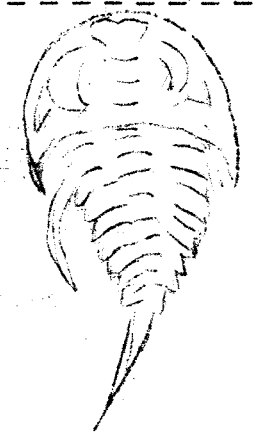
Scholarship: Mrs Young is making a paper mache 'Kitty' for the coupons and the commemorative stamps. Leave about 1/4" of envelope around the stamp. LGMC has been lax in contributions to the AFMS scholarship fund. Bring up at board meeting about a direct donation, to AFMS. We do not have a scholarship fund at this time. We can donate to AFMS, have our own fund and/or make a donation to pay travel expenses of a field trip for a group of students in the Geology Dept, rather then an individual.

Energy Study Committee: Larry Van Cleave will be chairman. One of these people are to be at the '74 General Directors meeting. The Carveths, Juerinks, Helena Baegl, Roger Simmons, Herman Spomer, Glen Litzenberg, Wilfred Wittmann and Larry Van Cleave are the committee. Check to see if is possible to charter buses for field trips. Ralph Ulrich wrote to AFMS, and got answer from Barney Parr & Dorothy Lee. These letters were given to Van. One person should attend the board meeting. Study the Avaition gas situation. A discussion on gas situation and some clippings were read. Information from some of these sources, AAA, papers, news reports and they should report regularly to Club Bulletin, President, Club meeting, and NAOESCI.
Barney Parr thinks we should increase advertising on the local level as more people locally will be looking for this big event.
Dorothy Lee thinks energy situation wwill increase attendence because this will be the one big event of the year.
Try to formulate general rules such as when to travel, how to travel, if there are any bad strips where you should have a full tank of gas,etc

Publications: Seems to be under control.

Meeting adjourned.

MONTHLY ROCK FEATURE——TRILOBITES



CLASSIFICATION
PHYLUM ARTHROPODA
SUBPHYLUM TRILOBITAMORPHA
CLASS TRILOBITA
Several orders, families
About 2,000 genera and 5,000 species

DISTRIBUTION: World-wide

RANGE: Cambrian - Permian

DISCUSSION: The appearance of trilobites marks the base of the Cambrian System. The earliest trilobite to appear in the United States is probably Olenellus, which is first found 70 feet above the base of the Tapeats Sandstone in the Grand Canyon of Arizona. Olenellus is also found from the Kinzer Formation near Lancaster, Pennsylvania, indicating these rocks to be about the same age of the Cambrian in the Grand Canyon section. The entire Cambrian is zoned on the basis of trilobites-Paradoxides marks the base of the Middle Cambrian and Cedaria marks the base of the Upper Cambrian. Elrathia, the trilobite with which most collectors are familiar occurs in the Upper-Middle Cambrian rocks and Cedaria occurs in the lowest Upper Cambrian Rocks of Utah. That is, the Cedaria Range-Zone begins where the Elrathia Range-Zone ends.

Though trilobites were most prolific in the Cambrian, they reached their maximum diversity in the Ordovician. Common Ordovician trilobites include Flexicalymene, Vogdesia, Isotelus, Homotelus, and Eomonorachus. The best Ordovician trilobites are found in the Arbuckle Mountains of Oklahoma, the Cincinatti arch in Ohio, and in northeastern Iowa.

Silurian trilobites are largely a continuation of Ordovician trilobites though many portend what was to come in the Devonian. Dicalymene, Encrinuroides, Eophacops, and many others are found in Silurian exposures in the Arbuckles of Oklahoma. Reef dwellers such as Bumastus were nearly smooth to help tolerate wave action

Devonian trilobites include Phacops, Reedops, Greenops, Neoprobolium, and Dalmanites. The finest Devonian trilobites come from New York State, Ohio, Iowa, and Oklahoma. The largest known trilobite, Terataspis, from the Devonian of New York reached 30 inches in length.

Of the several orders, only one survived beyond the Devonian; these trilobites belong to the Order Ptychopariida. Mississippian age trilobites that come from the quarries at Oskaloosa, Griffithides, are typical examples of Ptychopariid trilobites. Oskaloosa, Iowa, has, in the past, been a sight for club trips.

Pennsylvanian and Permian trilobites are probably best known from right here in Nebraska: Ameura missouriensis (Shumard), Ditomopyge scitula, (Meek and Worthen), and Anisopyge whitei Pabian and Fagerstrom. Many fine trilobites have been found near Weeping Water, Bennet, Louisville, and Humboldt. The last of the trilobites was probably of the genus Vidria anly a few of these fossils are known from the late Permian rocks of New Mexico.

TRILOBITE MYTH TO BE DISPELLED: Trill-o-bite is an acceptable pronunciation of the word. No! No! A thousand times no! Trilobite can be pronounced try-low-bite.

Bring your trilobite display to the next meeting. There will be ample club cases. Bring your questions and comments too.

Roger K. Pabian,
Education Chairman

SCHOLARSHIP FUND REPORT from Myrtle M. Young, Chairman LGMC

J. D. and I received the Scholarship Fund project from the able hands of Helena Baegl. At the changing of the guard it is wise to review again points to observe in collecting coupons and stamps.

1. Coupons: Any and all Betty Crocker coupons - your own, your mother's, daughters, sisters, cousins, aunt's and neighbors. Be an apt beggar.

2. Kinds of stamps:
   1. Large commemorative stamps (the biggest part of the income from stamps comes from these large commemorative stamps.
   2. Large and middle-sized foreign stamps.
   3. Large and middle-sized Air Mail stamps.
   4. Precanceled stamps of all sizes and denominations including precanceled Christmas stamps.
   5. Special stamps as follows: Duck Hunting License stamps; United Nations stamps; $1.00 Airlift stamps; Documentary stamps of all sizes and denominations; 8¢ Champion Liberty stamps; certified mail stamps (with figure of postman); First Day covers--please send the complete envelope); Stamp albums; small rare stamps such as 16¢, 19¢, 24¢, $1.00, $2.00, $5.00, etc.; Blocks with and without plate block numbers; also single stamps with plate block number.

Please do not save small regular stamps of low denominations, or common airmail stamps; or regular Christmas stamps.

HOW TO PROCESS STAMPS: Cut from paper, leaving about ¼ inch margin of paper around the stamp.

DEFECTIVE STAMPS: Please do not save any defective stamps. No clipped tops (the automatic letter openers often take the top of the stamp); no ro torn edges, no missing perforations, no damaged backs.

At the next regular monthly meeting, pause at the registration desk and meet, Betty, the Crocker "Kitty" waiting for the stamps and coupons you bring to her. She will take care of them.

Stamps and coupons seem inconsequential in a complicated world, but note what they can do when assembled in quantities:

For the 1972-73 school year six Foundation grants - each for two years at $750 per year - were authorized. The Honorary Award winners selected under the new OP by the six regional Federations who chose the institution and student within their respective Federations as follows:

California Federation Dr. Richard H. Johns, Professor Geology and Dean, School of Earth Sciences, at Stanford University. Student: Michael Throckmorton-University Cal.

Eastern Federation: Dr. Cornelius S. Hurlbut, Jr., Professor of Mineralogy, Harvard University. Student: David Cook - Harvard Uni.

MIDWEST FEDERATION: Dr. C. Bertrand Schultz, Regents Professor of Geology, Uni. of Nebraska. Student: Miss Mary Ann Turner - Uni. of Nebraska.

Northwest Federation: Dr. Lloyd William Staples, Professor of Geology, Uni. of Oregon. Student: William O. Seeley - University of Oregon.

Rocky Mountain Federation: Dr. Charles J. Mankin, Director of the School of Geology and Geophysics, Uni. of Oklahoma. Student: Duncan Fawcet Sibley -Uni. of Oklahoma.

South Central Federation: Dr. Peter T. Flawn, Director, Division of Natural Resources and Environment, and Vice President for Academic Affairs, University of Texas. Student: Eric Rice Swanson - University of Texas.

SAFETY PAGE

SAFETY HINTS: Car Fires: Do you know what to do if a fire starts under the hood of your car? Nellie McLaughlin, extension leader of the home economics program at South Dakota State University gives these tips for such an emergency.

The first essential is to cut off the fire's supply of oxygen. Sacks, rugs, coats, soil, sand or even snow can be used to smother the blaze. Get a supply ready before you open the hood. As the hood is opened more oxygen will be available to feed the flames. If you have a fire extinguisher, direct it at the base of the flames rather than at the flames; otherwise, it will be merely moving the flames about. Carry a fire extinguisher in your car for use in such emergencies. Carry a can in your car to use to scoop up snow or sand onto the fire if an extinguisher is not available. --The Hammer and others, via Mesabi Media

- - - - - - - - - - - - - - - -

SAFETY MINDED: Bees, Wasps, Hornets, Ants The Hymenoptera Group

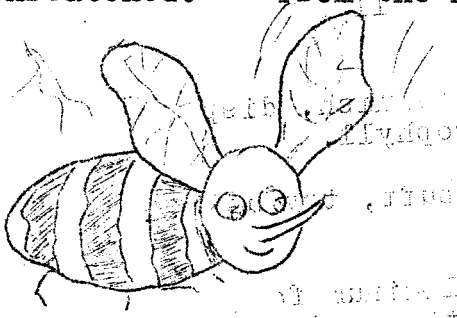
Beware the insect group HYMENOPTERA (bees, wasps, hornets, ants). In a 10 year study of 460 deaths from bites and stings, 50 per cent were caused by this insect group. Snakes caused 30 per cent, spiders 14 per cent and scorpions 2 per cent.

The number of fatal or near fatal cases due to the allergic reactions is increasing. A bee sting usually leaves only a painful swelling that will go away after awhile, but an allergic reaction to insect venom can vary from dizziness to headaches; from abdominal cramps to extreme nausea; from itching to death. Difficulty in breathing, hives and swelling in a spot different from the location of the sting are also warning signs of an allergy.

Fatal reactions are more frequent among adults than children. On the other hand, the bite or sting of creatures such as scorpions and the brown recluse spider is more often fatal to children than adults.

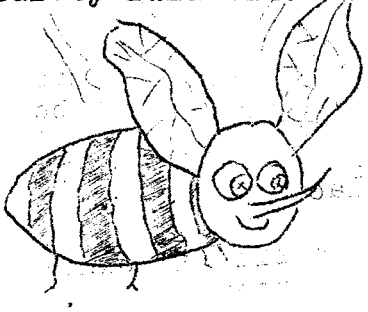
See a doctor immediately for proper immunization. Once sensitized to venom from one kind of HYMENOPTERA, the person will be allergic to the sting of them all.

Measures to take to avoid being stung include: avoiding strong perfumes and hair sprays, hair tonics and sun lotion. Floral fragrances in particular seem attractive. Brightly colored clothing or flowery prints and black or dark colors seem to anger insects. Wear dull white, dark green or khaki for outdoor activities. Always wear shoes. When a bee is around avoid swift movements. If a bee lands on you, don't slap it as you would a mosquito, a bee won't sting unless threatened. --From the Midwest Federation Safety Bulletin.



B E E

W A R E



One way to make your car last a lifetime is to drive it carelessly.
--via Stone Tablet

HANDY HINTS

Cleaning Native Copper (from The Cleaning and Restoration of Museum Exhibits) Published by the British Museum

Formula All measurements are by weight.
1 part sodium hydroxide
30 parts crystallized rochell salt
20 parts distilled water
Use a glass vessel to hold the solution. Do not use any metallic, glazed, or enamel dish.

Technique The copper Specimen to be cleaned is suspended by a copper wire and immersed in the cold solution, occasionally raised and lowered for inspection. In a short time the solution becomes bluish and the discoloration and incrustations begin to disappear revealing the natural red brown of the native copper. The cleaning may take several hours to complete.

When clean, rinse thoroughly in running water, then immerse in clean water for an hour or so, rinse again, and dry in the air. It is said that this method gives excellent, safe results. The solution attacks and dissolves cupric oxide (tenorite) but leaves unchanged both cuprous oxide (cuprite) and metallic copper.

The Pebble Pushers, via The Geode

To prevent fire color from forming on silver while being soldered, fit all pieces together, then coat the piece with a solution of one teaspoon powdered boric acid, one ounce of alcohol. Flux the parts, add the solder and apply the flame.

--Rocks & Gems, via Blue Ridge Gem

LAPIDARY HINTS from the CANADIAN ROCKHOUND

Denim iron-on patches from the dime store make excellent polishing discs.

Place a piece of aluminum foil in the bottom of your rock saw pan and when time to change oil, punch a hole where drain is and let oil drain out. Then lift foil with most of the sludge intact. After settling, top oil can be drained and reused. Oil doesn't wear out--just gets dirty.

A product to absorb grease and oils from garage floors is called "Hi-Dri" or "Speedy Dry." It looks much like saw dust. Place some in a box and put newly sawed slabs in and cover each. In about 5 minutes slabs will be free of grease and the white residue will be easily removed with plain water.

To make sure jewelry displayed in a case does not tarnish, display it on paper or cloth that has been sprayed with chlorophyll.

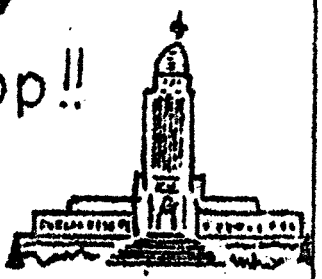
When polishing soft material and it sti ks to the buff, try using vinegar in place of water.

When planning a silver mounting, rough it out of aluminum foil of freezer weight (heavy duty). You can judge proportion and see effect of the stone against the silver so the design or size can be changed without waste.

--via The Lapidary and Ozark Earth Science Club

Everett Lapidary Shop

capitol city's first rock shop!!



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Brazilian, Mexican, Australian, Indian, and African Slabs
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To telephone Mr. Anderson from Lincoln dial 112-665-3747.

1974
ROCK SWAP

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MAY 25, 26

ENTERTAINMENT

Auction Both Days

SUNDAY NOON — POTLUCK DINNER

ADMISSION — MATERIAL FOR AUCTION

SWAP CHAIRMEN: Howard Miller, Jim L James

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

MID WEST FEDERATION

Issue No. 143 - March 1974

Clubs urged to participate in awards program

June Culp Zeitner
Midwest Merit Awards Chairman

Each club in the Midwest Federation has been mailed a reminder about the All American Awards program of the AFMS. Be sure your club reads its copy and discusses the matter, and takes action. The mailings have been sent to the Liaison officer or the club president or editor as listed in the 1973 directory.

Every club should enter. This is the club's opportunity to take stock of itself, to call attention to its place in the community and society, to let other clubs know what it is doing. It is seldom a club gets such an opportunity to brag! Entering your 1973 history is a service to your members, to the federations, and to the hobby. Simple complete instructions have been included in a recent issue of this Newsletter.

Judges for the Midwest Federation this year will be past president Verne Montgomery and his wife Charlotte and Mr. and Mrs. Earl Cornwell, honorary members of the Federation and former editors of Earth Science.

So I can have all reports by the national deadline, March 31st, please get your form and other papers in the mail by March 15th. Only 1973 activities will be included, so all forms can be completed at once. Because the Merit Awards started in the Midwest, the Midwest Federation will give a special trophy this year for the most outstanding service project of a Midwest Club for 1973. I hope the competition floods the mail and astounds the judges!

Welcome new members

Stonelick Valley Gem & Mineral Society
Ms. Donna Jean Cox, President
1526 Fay Road
Loveland, Ohio 45140

WE HAVE JUST LEARNED
of the passing of Mrs. Charles Hemingway just three days past her 78th birthday in Madison, Wisconsin. Mrs. Hemingway was the Midwest's first woman president and held the office during the 1956-57 year.

Plans continue for 1974's "big one"

The biggest show of '74, one which is sure to add new dimensions to our enjoyment of our hobby, and more prestige to our public image, will be the National Gem and Mineral Show in Lincoln, Nebraska, June 13-16 at the Nebraska State Fair Grounds, with the Lincoln Gem and Mineral Society as hosts.

Lincoln bid for the show several years ago to the Midwest Federation, whose turn to have the National show would be in 1974. Guided at first by a steering committee headed by Ralph Ulrich, the club has worked feverishly ever since to organize the hundreds of details necessary for a truly great Federation show.

Coincidentally one of the headline speakers will be a man named Lincoln, the famous sculptor Lincoln Borglum, of Mount Rushmore fame, who will be the National Awards Banquet speaker, talking about the World's Greatest Lapidary Project. Borglum's father and grandfather were Nebraskans.

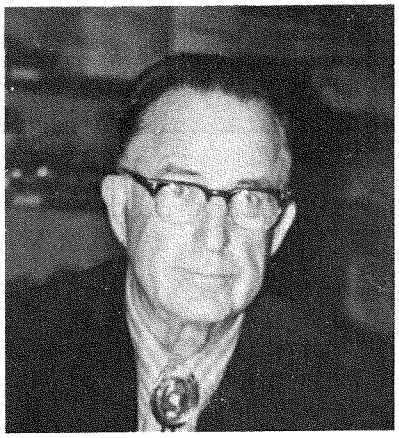
Other speakers will include experts in all parts of the hobby. Fossil programs are expected to be especially good as the University of Nebraska houses one of the nation's foremost paleontology collections, and Paleontologist Dr. B. Schultz is a former AFMS Scholarship honoree. Besides the programs there will be demonstrations, working exhibits, and an excellent fluorescent collection. The many well selected dealers from all over the nation will offer their choicest materials.

With the spacious buildings of the well located State Fair Grounds, there will be plenty of room for hundreds of the best displays of lapidary work, minerals, fossils, and artifacts ever assembled. Emphasis on the Midwest will assure displays of Nebraska's unique fossils and gem materials, plus Iowa geodes, South Dakota fairburns, iron minerals from Minnesota, coppers from Michigan, fluorite from Illinois, showy minerals from the Tri-State area, and many others.

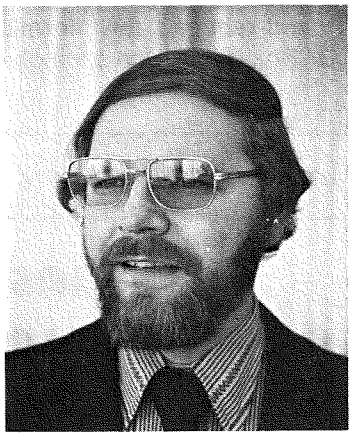
Along with a National Show there are other attractions. There will be a big swapping area. Symposiums and discussion groups will meet. The National Editors' Breakfast will be held. Field trip information will be available. The Federation meetings are scheduled.

Show Chairman Irl Everett says that the Lincoln Club is receiving enthusiastic help from all of the clubs in Nebraska. Lincoln is on Interstate 80. There are plenty of accommodations for all visitors, lots of camping space, and good airline and bus connections.

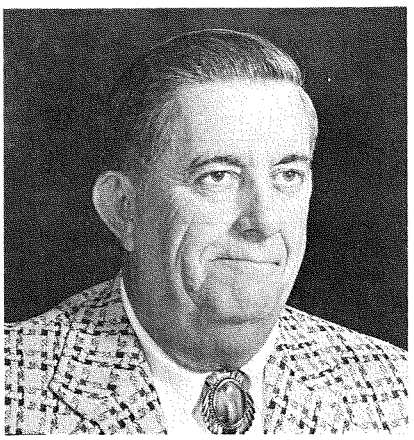
Meet the Midwest officers



Mark Harris
President



Terry Huizing
1st Vice President



Howard Taylor
2nd Vice President

Jean Reynolds
Secretary

Bernice McCloskey
Treasurer

The Midwest Federation is being led in 1974 by an experienced set of officers. The Midwest has an advancement program wherein a second vice president moves into the first vice president position and then to president.

This year's president is Mark Harris of Columbia, Missouri. Mark grew up in Mississippi, entered the U.S. Army in 1927 serving a six year tour of duty. He taught at Georgia Tech for seven years after leaving the army. He received his masters degree in civil engineering and took a position at Pennsylvania Military College in the Civil Department. Presently Mark is at Missouri as Associate Professor of Civil Engineering but plans to retire soon. He is a member of the Central Missouri Rock and Lapidary Club and has served in most of its offices and on many of its committees. He was the Midwest State Director for Missouri in 1967.

Terry Huizing, a native of Grand Rapids, Michigan, now living in Cincinnati, Ohio is the First Vice President of the Midwest. He was graduated from the University of Michigan in 1961 with a degree in Chemical Engineering. Terry has been actively involved in the hobby in many ways. He is past president of the Cincinnati Mineral Society, and Assistant State Director for Ohio, a Uniform Rules Chairman, chairman of the AFMS Uniform Rules Sub-committee on minerals and was show chairman for the 1973 Midwest convention in Cincinnati, and is an avid amateur mineralogist and a member of Friends of Mineralogy.

Second Vice President of the Midwest is Howard J. Taylor, living in Lincoln, Nebraska. Howard is a painting and wall paper contractor. He became interested in the lapidary hobby in 1959 when his son was active in the Boy Scouts.

Howard is a member of the Lincoln Gem and Mineral Club and during the past 15 years has held numerous positions in the club. He is a member of the clubs steering committee at present and dealer chairman for the 1974 national show to be held in Lincoln in June. He is also President of the Nebraska Association of Earth Science Clubs.

Mrs. Joseph (Bernice) McCloskey of Elm Grove, Wisconsin is now serving her third term as the Midwest treasurer. She is a native Wisconsinite and a charter member and a past president of the Kettle Moraine Geological Society. At the Present time, she is on leave of absence from Joseph P. Jansen Company, general contractors where she has been employed over ten years. She has had experience in the fields of law, real estate and banking. Bernice and her husband, Joe, are active members of the Elm Grove Lutheran Church. Her main interest is collecting crystals which Joe likes to cut and polish.

Secretary of the Midwest is Jean Reynolds who has been serving in the capacity for seven years. Jean lives with her mother in Clarendon Hills, Illinois and has been with the Federal Reserve Bank in Chicago for 28 years. Her present position with the bank is a senior cost accountant. She is treasurer of the Employee Credit Union. Jean is a graduate of Northwestern University.

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

PUBLICATIONS CHAIRMAN---Art Howlett

PICK & SHOVEL STAFF - Editor-Evelyn Ulrich, 3521 S. 48th St.,Lincoln,Ne.68506
Phone 488-9051
Publisher, Phyllis Parks
Typists - Rosa Lee Wright, Sue Kirby, Edith Holdorf

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
Lincoln, NE 68505

1974

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Member: Community Arts Council

"THE PLACE TO GO IN 74"
Nat'l Gem & Mineral Show
June 13 - 16 Lincoln, Nebr.

HOST TO

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

A MAMMOTH AFFAIR

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

Host to: The American Federation of Mineralogical Societies Show & Convention
The Midwest Federation Annual Show and Convention
Nebraska Assn. of Earth Science Clubs Annual Show and Convention

THE PLACE TO GO IN 1974 - Nebraska State Fair Grounds, Lincoln, Nebraska

GRINDING GUIDE
By Bill Myers

--All grinding wheels for lapidary work are manufactured with a bonding code--K, L, M, N, O, P, etc. When you buy a new wheel, be sure to notice the bond. If it is too hard, go back down on the letters toward A and if too soft, go up toward Z. This will give you a wheel with a bond that exactly fits your own desire.

--Never exceed manufacturer's RPM.

--Make sure flanges support wheel properly before using wheel.

--Grit in Black Silicon Carbide wheels have a range of hardness lower than Green, but also could be minutely harder. Grit in Green Silicon Carbide wheels always will be almost as hard and usually harder. However, they are more uniform in hardness and usually will last longer.

--Don't let wheel stand in water or against a sponge.

--Don't grind with a dry wheel. This causes excessive heat on the outer layer and will cause wheel to get rough and deteriorate rapidly.

--Grind lightly on extreme corners of wheels even when wet.

--Bumpy wheels will dig deep scratches in your stones, making sanding difficult.

--Fingers and fingernails get more precious each time they are ground.

--Stones can harbor various unfriendly agents. Always disinfect that scratch or grinder burn.--Pick & Shovel via The Geode.

+ + +

Add a couple of tablespoons of liquid detergent to your cutting oil. If your saw has plastic lid, this will be first time you have been able to see through the top after cutting the first slab.--Emerald Gems via Hy Grader.

ongetown, Colo., displays
is store, The Wildcats.

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...Polished Slab
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One of the finest examples of fossilized wood in the nation like a monument at the entrance to the East Central State College campus in Ada, Oklahoma. This stone stump, one the base of a huge Callixylon tree that grew some 350 million years ago, was discovered in pontotoc County in 1913 by John Fitts, whose name was given to the Fitts Oil Field near Ada. (This is fascinating to see.)

...thanks to Sooner Rockologist

Excerpts from Bulletins of Other Clubs

to get organized and work together. It also proves that letters en-masse are our best tool to convince Congress that we need a balanced recreational planned use of public lands for all people to enjoy.

AFMS Newsletter, Dec. 1974

*** * *** * *** * *** * *** * ***

UP-GRADE THE ROCKHOUND

It's great to be a Rockhound! It's great to go out in the field! And search for some rare specimen! That time of the year - spring - summer. Any may I repeat some of my sentiments upon the subject...

We are Rockhounds! However, the term covers a very small segment of the field. Sometimes, in discussing our rock hunting, our activities, I say to "non" rock friends, "We are Rockhounds!" and I have experienced the feeling (as I know others have) that my friends think we are a "peculiar breed", an "odd character", and an individual that is different! One who will expound about his find, and waste his time on rock trips!

We know the vast majority of Rockhounds are well adjusted, intelligent people from all walks of life. He may be a surgeon, producing beautiful gems from a rough piece of jade, but we call him a Rockhound! He may be a silversmith, and a teacher, and he may be a lapidarist as well! He may hold several college degrees, and own a fabulous collection of fossils. And we may call him a Rockhound! He may be a mechanic, with a fine touch for the art of faceting, and he, too, we call a Rockhound!

This is a family hobby, with a variety of activities suitable for all ages, and ability. It is a year round activity for a family regardless of wealth, social position, or mode of living. Regardless of how tense or disgruntled one may become with the pressures of everyday living, a study and interest in Mother Nature's wonderful way of combining, over the ages, the minerals and chemicals to produce the "rocks" we so eagerly seek, it makes us feel the strife of everyday problems are indeed small.

Can one observe a beautiful gem, and knowing its origin, not be impressed with the comforting thought that this old world must have some kind of superintelligence looking after it? How much more pleasure in the skill and artistry that produced the beautiful polished gem from nothing more than a drab piece of rock -- so many do say, "I didn't know it could be something so beautiful!"

So let us "high grade" our wonderful hobby! Let us take every opportunity to show the skill, technical knowledge, artistry and creative possibilities with our "rocks". Let us truly appreciate the "Gems of Mother Earth". So when our friends think "we've got rocks", We have! Let's "up-grade" the Rockhound!

by Marie J. Carveth, via The Pick & Shovel, The Tumbleweed

*** * *** * *** * *** * *** * ***

DID YOU KNOW?

The Great Reef, 1,300 miles of coral islands and atolls off the coast of Australia covers 80,000 square miles and is up to 100 miles wide. The coral base is made of secreted limestone; the polyp outgrows the base and builds another above it, moving toward the surface.

Coral polyps seemingly cannot live in water over 200 feet deep, yet some coral islands rise from coral bases over 400 feet deep - a scientific mystery.

From Atlantic News Telegraph via The Nishna Valley Grindstone

We Like Being Copied!

J. James Exon
Governor of the State of Nebraska
Proclaims June 10-16, 1974, as
Nebraska Rockhound Week

Nebraska Rockhound Week

On May 24, 1974 officials of the Nebraska Association of Earth Science Club and members of the Lincoln Gem and Mineral Club witnessed the signing by Governor J. J. Exon of an official document proclaiming June 10-16 Nebraska Rockhound Week.

The document was given to Governor Exon for signing by State Director, Marie Taylor. Governor Exon handed the signed proclamation to Howard Taylor, president of the Nebraska Association of Earth Science Club.

Irl Everett, National Gem and Mineral Show Director, presented Governor Exon with a desk set decorated with polished Nebraska wood. This serves as a memento of the occasion.

During Nebraska Rockhound Week the combined Show and Convention of the American Federation of Mineralogical Societies, the MidWest Federation, the Nebraska Association of Earth Science Club, hosted by the Lincoln Gem and Mineral Club, will be held at the Nebraska State Fair Grounds and the Nebraska Center June 13-16.

The Pick and Shovel, June 1974 p. 3

STATE *of* NEBRASKA

EXECUTIVE OFFICE

LINCOLN

P R O C L A M A T I O N

WHEREAS the annual meeting of the American Federation of Mineralogical Societies will be held in Lincoln, Nebraska, during the week of June 10-16, 1974, in conjunction with the annual meetings of the Midwest Federation of Mineralogical and Geological Societies and the Nebraska Association of Earth Science Clubs, Inc.; and

WHEREAS the above meetings will be hosted by the Lincoln Gem & Mineral Club, Inc., which will stage and produce a National Gem and Mineral Show under the title of "Wonderful World of Gems and Minerals" beginning with an opening ceremony at 8:30 a.m. on Thursday, June 13, 1974 and closing at 6:00 p.m. on Sunday, June 16, 1974; and

WHEREAS the United States Postal Service has announced that the formal first day issue of postage stamps commemorating America's mineral heritage will occur in Lincoln on June 13, 1974; and

WHEREAS more than one thousand Nebraskans are involved in gem and mineral activities, popularly dubbed Rockhounds, and are proud to host their colleagues from other states and territories:

NOW, THEREFORE, I, J. James Exon, Governor of the State of Nebraska, do hereby welcome to the State of Nebraska the members of the American Federation of Mineralogical Societies and related groups and organizations, and I DO HEREBY PROCLAIM the week of June 10-16, 1974, as

NEBRASKA ROCKHOUND WEEK

and I do hereby urge all Nebraskans to extend traditional western hospitality to all Rockhounds from other states and territories.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Nebraska to be affixed.

DONE at the State Capitol, Lincoln, Nebraska, this 24th day of May in the Year of Our Lord One Thousand Nine Hundred and Seventy-Four.

Governor

Allen J. Beermann

Secretary of State

A MAMMOTH EVENT

"THE PLACE TO GO IN '74"

NATIONAL GEM & MINERAL SHOW

JUNE 13-14-15-16
STATE FAIR GROUNDS
LINCOLN, NEBRASKA

National Show and Convention

The most absorbing, most gratifying, and most time-consuming activity of the Club was the preparation and hosting of the 1974 combined AFMS-MWF National Show and Convention and the annual show of the Nebraska Association of Earth Science Clubs, Inc.

The challenge of hosting a super event stimulated the imagination, expanded the horizons, and spiked the enthusiasm of a majority of the citizens of Lincoln, Nebraska, and of our Club members. We contacted every conceivable organization and gave them an opportunity to be a part of the show.

Our public relations efforts reached to other parts of the world as well. Our invitation to Red China to participate in the show was not accepted, but through the several pieces of correspondence they are now aware of the intense interest the American people have in the earth science hobby.

We invited the President of the United States, but his schedule did not permit him to attend. We did receive acknowledgment.

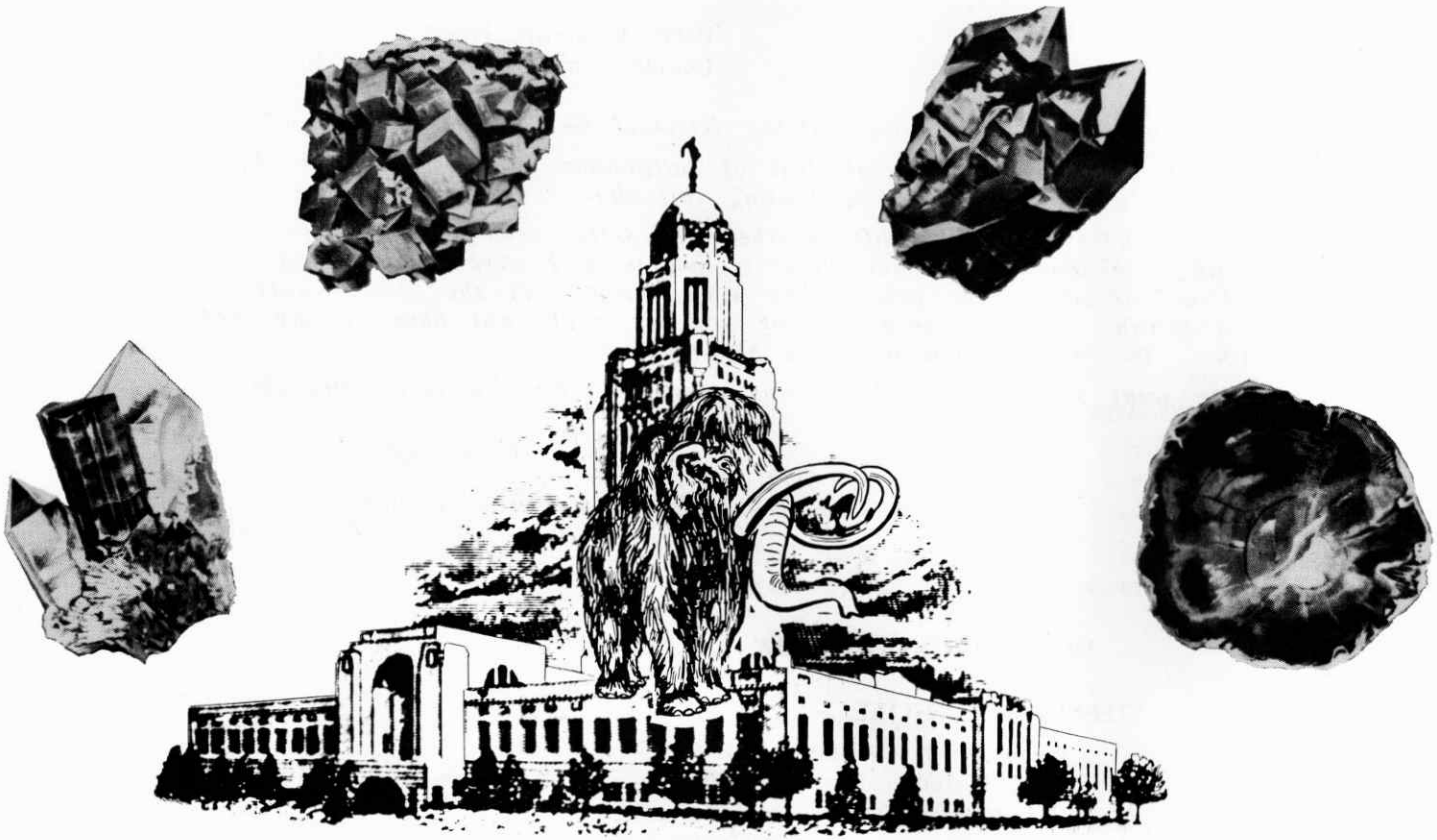
We had made arrangements with a gem cutter from Australia to demonstrate at our show. Due to circumstances, he was forced to cancel; but the impact of having been exposed to our enthusiasm was already with him.

We extended an opportunity to all Nebraska clubs to become a part of the preparation by contributing cases to loan, table favors, centerpieces, menu covers and so on. As we worked with these other clubs, the RMF and MWF boundary dispute became more and more obscure. The Arbor Valley Gem and Mineral Club furnished and served the Nebraska cider just before the banquet. The Rock Swap was manned and supervised by members of the Grand Island Earth Science Society, Inc. of Grand Island, Nebraska.

The Nebraska Mineral and Gem Club of Omaha set up a competetive program for their members to carve favors for the banquet. They also loaned cases for displays. It was through the efforts of their president that we were granted a fifteen-minute interview on their local television station during the noon hour. Thus many people in Omaha and the surrounding area are more aware of the hobby.

A significant comment, made by the president of the Homestead Gem and Mineral Club of Beatrice, Nebraska, was to the effect that the greatest single value resulting from the National Show in Lincoln was the feeling of cooperation among the Nebraska clubs, since all Nebraska clubs had had a part in conducting the Show.

1974 National Gem & Mineral Show



JUNE 13,14,15,16, 1974

NEBRASKA STATE FAIR GROUNDS
LINCOLN, NEBRASKA

HOSTED BY:

LINCOLN GEM AND MINERAL CLUB, INC.

WELCOME TO OUR CITY

Six years of anticipation, four years of organized planning and eighteen months of concerted activity will come to fruition at this NATIONAL GEM AND MINERAL SHOW. Every member of our club was involved in some way and nearly every earth science club within 350 miles took an active part in the preparations. We now welcome each of you to share this great experience with us.

Ralph L. Ulrich

Ralph L. Ulrich, President
Lincoln Gem & Mineral Club, Inc.

Welcome to all our guests at the National Gem & Mineral Show!

As Director I find a great deal of satisfaction in the fact that the Lincoln Gem and Mineral Club is hosting this show.

As founder and active life member of LGMC, seeing it grow to the point of hosting a National Show is something I never dreamed of. For me not to thank the people who were involved in the show would be most selfish. Without each one of you we could not have accomplished the task. To each of you a "great big thanks."

We want to say to each of our guests – "Have a very enjoyable time."

Irl C. Everett

Irl C. Everett, Director
1974 National Gem and Mineral Show

1974 NATIONAL SHOW ORGANIZATION

STEERING COMMITTEE

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

SHOW DIRECTOR	Irl Everett
BUDGET & FISCAL	Ray Grabher
SECRETARY	Phyllis Parks
ADMIN. ASSIST. & FEDERATION LIAISON	Ralph Ulrich
PUBLICITY	Marie Wells
RECOGNITIONS	Jim Parks
DEALERS	Howard Taylor
SPECIAL FEATURES	Marie Taylor
DISPLAYS	Roger Pabian
REGISTRATIONS	Norma Miller
BUILDINGS & SITE	John Harrison, Jr.
SPECIAL EVENTS	Hal & Barbara Allen
SECURITY	George Balke & Bob Bainbridge

SCHEDULE OF MEETINGS: 1974 AFMS, MWF, AND NAOESCI CONVENTIONS

Meetings and activities will be at the Nebraska Center for Continuing Education, 33rd and Holdrege Streets, and at the State Fairgrounds.

TUESDAY, June 11, 1974

AFMS Uniform Rules Committee
8 a.m.-9 p.m.–York Room, Nebraska Center
Lunch on your own

AFMS–MWF Cracker Barrel Session
7:30 p.m.–Beatrice Room, Nebraska Center

WEDNESDAY, June 12, 1974

AFMS Officers Meeting followed by
AFMS Scholarship Meeting
8 a.m.-5 p.m.–Auditorium, Nebraska Center

THURSDAY, June 13, 1974

Judges and Clerks Breakfast
8 a.m.–Fairgrounds

Judges and Clerks Meeting
9 a.m.–Fairgrounds

AFMS–MWF Junior Activities Leaders Meeting
10 a.m.-12 Noon–Fairgrounds

FRIDAY, June 14, 1974

AFMS–MWF Bulletin Editors Breakfast
8 a.m.-11 a.m.–Omaha Room, Nebraska Center

MWF State Directors Meeting
10 a.m.-12 Noon–Beatrice Room, Nebraska Center

MWF Executive Committee Meeting
2 p.m.-5 p.m.–Auditorium, Nebraska Center

SATURDAY, June 15, 1974

MWF Delegates Meeting
9 a.m.-5 p.m.–Auditorium, Nebraska Center
Luncheon–Omaha Room, Nebraska Center

Pre-Banquet Social Hour
Nebraska Apple Cider–Everyone invited
5:30 - 6:30 p.m.–Nebraska Center
(Outside Patio–weather permitting)

AFMS–MWF Awards Banquet
6:30-10:00 p.m.–Omaha Room, Nebraska Center

SUNDAY, June 16, 1974

AFMS–MWF Past President's Breakfast
8:30 a.m.-10 a.m.–Fairgrounds

NAOESCI Delegates Meeting
9 a.m.-1 p.m.–Lower Level, Administration Bldg., Fairgrounds
Luncheon catered in

WE WELCOME THESE OFFICERS
to
"A MAMMOTH EVENT"

AMERICAN FEDERATION

President - Mrs. Glenn Lee (Dorothy)
Exec. Vice-Pres. - Mrs. W. Russell Anderson (Mary)
Treasurer - Gus Meister
Secretary - Kenneth Zahn
Reg. Vice-Pres. - Don Langston
Reg. Vice-Pres. - Ellis Courter

MIDWEST FEDERATION

President - Mark Harris
1st Vice-President - Terry Huizing
2nd Vice-President - Howard J. Taylor
Secretary - Jean Reynolds
Treasurer - Mrs. Joseph McCloskey
Adm. Asst. Treas. - Joseph McCloskey
Parliamentarian - Mrs. Calvin George

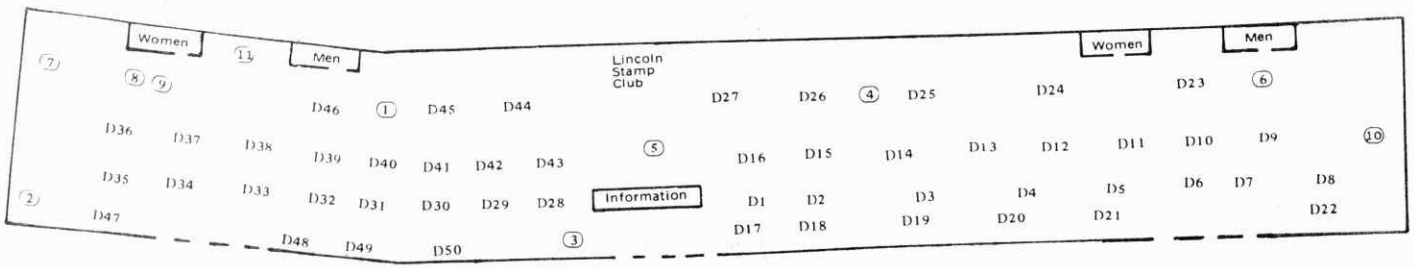
NAOESCI

President - Howard J. Taylor
Vice-President - Selma Hammond
Secretary-Treasurer - Mary Wareham
Board of Directors -
Ruby Price
Elbert Nerud
Harvey Kenfield
Marvin Whitaker

LINCOLN GEM & MINERAL CLUB, INC.

President - Ralph Ulrich
1st Vice-President - Frank Rule
2nd Vice-President - Larry Bigley
Recording Secretary - Nelda Oliver
Treasurer - John Harrison, Jr.
Board of Directors -
Norma Miller
Marie Wells
Tom Simmons
Howard J. Taylor

GRANDSTAND



RETAIL DEALERS

D1 Apex Minerals Int. Inc., Vancouver, B.C., Canada
D2 Ebersole Lapidary Supply Inc., Wichita, Kansas
D3 Geodes, Portage, Michigan
D4 Bergsten Jade Co., Castro Valley, California
D5 Bellevue Rock Shop, Bellevue, Nebraska
D6 Henry B. Graves Co., Delray Beach, Florida
D7 The Prospect Hole, Silverton, Colorado
D8 Howe Lapidary, Kenosha, Wisconsin
D9 Lentz Lapidary, Mulvane, Kansas
D10 Caveny Creations, Charlotte, North Carolina
D11 Lowell W. Fields, Gooding, Idaho
D12 Stewart's Gem Shop, Boise, Idaho
D13 Miltary Trading Post, Scottsdale, Arizona
D14 Hutsells Rock Shop, Blue Springs, Missouri
D15 Gali's, Albany, Oregon
D16 Stan's Shop, Provo, Utah
D17 Gordner's Gem Warehouse, Yakima, Washington
D18 Markerts Rock Shop & Motel, Ishpeming, Michigan
D19 Simon's Minerals of the West & Mexico, Lincoln, Nebraska
D20 Opals Via Australia, Hemet, California
D21 Pala Properties International, Fallbrook, California
D22 South Bend Rock Shop, South Bend, Indiana
D23 C. G. I. Inc., Denver, Colorado
D24 Crown Gems Company, Sherman Oaks, California
D25 Rolene Rock Shop, Wabasso, Minnesota
D26 Cascade Trading Post, Loveland, Colorado
D27 Rock & Gem Jewelry Rock Shop, Adrian, Michigan
D28 Lidstroms, Prineville, Oregon
D29 Julian Fabian Gems & Minerals, Great Neck, New York
D30 David P. Wilber, Carson City, Nevada
D31 L. O. Turner, Provo, Utah
D32 Eastins Lapidary, Eugene, Oregon
D33 William B. Givens, Needles, California
D34 Wright's Rock Shop, Hot Springs, Arkansas
D35 The Road Runners, Quartzite, Arizona
D36 Chas. J. Hansen, Chula Vista, California
D37 Alsup's, Wenden, Arizona
D38 San Juan Gems, Cortez, Colorado
D39 Black Hills Artcraft, Spearfish, South Dakota
D40 Keller's, Bend, Oregon
D41 Bryan Lovelace Rock & Mineral Shop, Wichita Falls, Texas
D42 M.&J. Rock Shop, Wichita, Kansas
D43 Greifenberger International Ltd., Jamaica, New York
D44 Everett Lapidary Shop, Lincoln, Nebraska
D45 Dennis & Marc Johnson, Mankato, Minnesota
D46 Koala and Associates, Toledo, Ohio
D47 Dowell's Rock Shop, Edinburg, Texas
D48 Pony Gem Case Co., Martinex, California
D49 Claude B. Dawson, Memphis, Tennessee
D50 Murphy's Gems & Minerals, Helotes, Texas

MANUFACTURERS &/OR DISTRIBUTORS

1. Geode Ind., Inc., New London, Iowa
2. Pacific Test Specialties, Marina Del Rey, California
3. Fac-Ette Mfg. Co., Seattle, Washington
4. Diamond Pacific Tool Corporation, Barstow, California
5. Beacon Engineering Co., Rothsay, Minnesota
6. Posten & Myers, Kansas City, Kansas
7. Ultra-Violet Products, Inc., San Gabriel, California
8. Vibra Six Inc., Wakeeney, Kansas
9. Craftool Co., Inc., Harbor City, California
10. Raytech Industries, Inc., Stafford Springs, Connecticut
11. Bagnall Sales, Inc., Elkhorn, Wisconsin

WHOLESALE DEALERS

Ludlums Minerals, Westerville, Ohio
Davis Minerals, Tucson, Arizona
M. P. F. Wholesale, Flora, Mississippi
Imperial Gems, Riverside, California
Ken's Rock Shop, La Mesa, California
Duncan's Minerals, Yuma, Arizona
Oceanside Gem Imports, Inc., Oceanside, New York
Equatorian Imports, Richardson, Texas
Artrox, Rock of the Month Club, El Paso, Texas
Wheeler Manufacturing Co., Inc., Lemmon, South Dakota
Royal Gems, Gig Harbor, Washington
Colorado Lapidary Supply, Denver, Colorado
Bader's Minerals, Colorado Springs, Colorado
J. R. Rodgers, Ltd., Sherwood, Oregon
Howard Wheeler Co., Grand Rapids, Michigan
Pacific Test Specialties, Marina Del Ray, California
Lyko Mineral & Gems Inc., El Paso, Texas
Unique Botique, Orlando, Florida
E. F. C. Lapidary Co., Inc., Denver, Colorado
Trans-American Gems & Minerals, Jersey City, New Jersey
S & H Casting, Salem, Oregon
Robert R. Dye Minerals, Warner Springs, California
Gates Rocks & Minerals, Alma, Arkansas
Ned Hutter, El Paso, Texas
Evco Enterprises, Lincoln, Nebraska
Gems Australian Opals & Minerals, Malibu, California
The Mineral Kingdom of Woodmere, Long Island, Woodmere, New York
Borel Group, Inc., Cleveland, Ohio
Anderson Rock Shop, Medford, Oklahoma
Robins Thundereggs, Woodburn, Oregon

SPECIAL FEATURES

ROOMS 1 & 2
ADMINISTRATION BLDG.

ROOMS 3 & 4
CONCESSIONS BLDG.

THURSDAY, JUNE 13, 1974

8:30 a.m. – Opening Ceremony & Cutting the Ribbon Main Entrance of State Fairgrounds

10:00 a.m. – AFMS–MWF Junior Activities Leaders Meeting - Diane Dare - Room #1

10:30 a.m. – Mineral Heritage Stamp Program - First Day of Issue Ceremonies - Open Air Auditorium

1:00 p.m. – "Story on Lizzadro" - Russell Kemp - Room #2

2:00 p.m. – "Diamonds" - Doris Kemp - Room #3

3:00 p.m. – "Children's Fun Time" Room #3

3:00 p.m. – "Quartz Family Gems" - June Zeitner - Room #2

3:30 p.m. – "40 Million Years of Camels in Nebraska" - Dr. C. Bertrand Schultz - Room #4

5:00 p.m. – "Rockhounding in Latin America" - Dr. Harry E. Raplus - Room #2

7:00 p.m. – "Mt. Rushmore" - June Zeitner - Room #2

FRIDAY, JUNE 14, 1974

10:00 a.m. – "Micro-mount Symposium" - Stephen Tarcza Room #1

10:00 a.m. – "Archeology of the Midwest" - Richard Ade - Room #3

11:00 a.m. – "Nebraska Gemstones" - Roger Pabian - Room #2

1:00 p.m. – "Sand Plaques" - Dan & Inez Finch - Room #4

1:00 p.m. – "Grotto of Redemption" - Father L. H. Greving - Room #2

2:30 p.m. – "The Carvings and Carvers of Idar Oberstein, Germany" - Russell Kemp - Room #2

3:00 p.m. – "Children's Fun Time" - Room #3

3:30 p.m. – "Diamond Mining and Digging in Africa" - Paul Seel - Room #4

4:00 p.m. – "Gems of the Midwest" - June Zeitner - Room #2

5:00 p.m. – "Pleezy Monster Dig" - Dorothy Engelhart - Room #2

5:00 p.m. – "Showman's Seminar" - Ralph Ulrich - Room #1

7:00 p.m. – "Mt. Rushmore" - June Zeitner - Room #2

OPENING CEREMONY

STARTING TIME: June 13, 1974 - 8:30 a.m.
Main Entrance - State Fairgrounds

Short Speech by Show Director, - Irl Everett

INTRODUCTION OF:
AFMS President, Mrs. Dorothy Lee, Pendleton, Ore.
MWF President, Mr. Mark Harris, Columbia, Mo.
NAOESCI President, Mr. Howard Taylor, Lincoln, Nebr.
LGMC President, Mr. Ralph Ulrich, Lincoln, Nebr.

RIBBON CUTTING CEREMONY:
Honorable Sam Schwartzkopf, Mayor, City of Lincoln

AWARDS BANQUET

STARTING TIME: June 15, 1974 - 6:30 p.m.

PLACE: Nebraska Center

MASTER-OF-CEREMONIES: Honorable Frank Marsh, Lincoln, Lt. Governor of Nebraska

GUEST SPEAKER: Mr. Lincoln Borglum, Harlingen, Texas

SATURDAY, JUNE 15, 1974

10:00 a.m. – "Fossils" - Roger Pabian - Room #2

11:00 a.m. – "Minerals of Southeast Nebraska" - Professor Scott Williams - Room #3

11:00 a.m. – "The Use of Minerals in Hand Wrought Jewelry" - Professor Katherine M. Jones - Room #4

11:00 a.m. – "Micro-mount Symposium" - Stephen Tarcza - Room #1

1:00 p.m. – "Grotto of Redemption" - Father L. H. Greving - Room #2

2:00 p.m. – "Safety/Field Trips Symposium" - Leon Maxwell–Larry Bigley - Room #1

3:00 p.m. – "Children's Fun Time" Room #3

3:00 p.m. – "A Look at Man's Past–The Koster Dig" - Verne I. Montgomery - Room #4

5:00 p.m. – "Sand Plaques" - Dan & Inez Finch - Room #4

5:00 p.m. – "Colorado River Float" - Marjorie Elliott - Room #2

5:30 p.m. – "Pre-banquet Social Hour" - Nebraska Center

6:30 p.m. – "Awards Banquet" - Nebraska Center

7:00 p.m. – "To Nebraska The Great American Desert–Love Notes From A Native Son" - Orville Friesen - Room #3

SUNDAY, JUNE 16, 1974

8:00 - 9:00 a.m. – "Camera Buffs" - Time to take pictures of cases and exhibits

9:00 a.m. – "Faceting Symposium" - Phil Bean - Room #4

10:00 a.m. – "Micro-mount Symposium" - Stephen Tarcza - Room #1

10:00 a.m. – "Salmon River Float" - Marjorie Elliott - Room #3

11:00 a.m. – "25th Anniversary" - Katherine Steinbrenner - Room #3

12:00 noon – "Fossiling Through the Midwest" - Cecilia E. Duluk - Room #3

12:00 noon – "Mexico" - Carl Huffman - Room #4

1:00 p.m. – "Australian Slide Lecture" - Dr. Benjamin Moulton - Room #3

2:00 p.m. – "Copper Country" - Russell MacFall - Room #4

2:30 p.m. – "Mt. Rushmore" - June Zeitner - Room #2

3:00 p.m. – "Mastodons" - Mary Ann Turner - Room #3

4:00 p.m. – "Mammoth Hunting in Nebraska" - Dr. C. Bertrand Schultz - Room #2

ROLLIN' ROCK CLUB

SAMPLING OF THE 750 DISPLAYS EXHIBITED IN THE EXPOSITION HALL & GRANDSTAND

EMERALD CRYSTAL CLUSTER
David Wilber

CABOCHONS AND STAR GARNETS
Roland and Lorene Rasmussen

FIRE AGATE CABOCHONS, JEWELRY, AND CARVINGS
Bruce and Candy Alsup

INDIAN JEWELRY AND ARTIFACTS
Joe McNabb

PRIDAY PLUME AGATE
Harry and Clara Keller

THE WOOD PILE
Melvin and Bernita Lentz

ONE OF THE WORLD'S LARGEST TOPAZ CRYSTALS
J. W. Dowell

ST. FRANCISVILLE IOWA GEODES
Stephen B. Sinotte

TIME PIECE ONCE OWNED BY MARIE ANTOINETTE
Charles Hansen

MADONNA IN FIRE AGATE
Loreen Haas

MIDWEST FEDERATION HALL OF FAME
(Mineral or Fossil named for them)
Cecilia Duluk

INDIAN PETROGLYPHS
Carl and Nova Wells

SAND PLAQUES
Dan and Inez Finch

ROCK PICTURES AND ROCK CARVINGS
Bob and Mitzi Brown

LAKE SUPERIOR AGATES
(Glacial tills of Northeastern Kansas)
William Boltz

LAKE SUPERIOR AGATES
(Glacial deposits of Minnesota)
Maynard Green

EXQUISITE ROCK CARVINGS
Frances Latimer

MISSISSIPPIAN COLD WATER AGATE
Joe Grove

UNIQUE JEWELRY AND METALCRAFT
Betty Warner

HOW TO STOP THE SPREADING OF GYPSY MOTHS AND VARIOUS APHIDS BY ROCKHOUNDS
U. S. Dept. of Agriculture

NATIVE GOLD AND GOLD ORES
Millie Malkin

LARGE AGATE COLLECTION
Richard and Abbe King

ORNAMENTAL EGGS
Janet Schroeder

CORAL CARVINGS FROM CHINA AND JAPAN & BEJEWELED ELEPHANT FROM IDAR-OBERSTEIN, GERMANY
Lizzadro Museum of Lapidary Arts

RARE FORMS OF COMMON MINERAL, QUARTZ
Edwin Skidmore

MASTERPIECE PAINTINGS OF ROCK
The Painton's

FASCINATING JADE CARVINGS
Gertrude Roderick

OPTICAL ILLUSIONS IN GEMS
Mr. and Mrs. Robert Springer

SEASHELLS OF THE WORLD
Mr. and Mrs. Durward Tice

ACTUAL SPECIMEN MODELS FOR MINERAL HERITAGE STAMPS
Smithsonian Institute

MINERAL LANDSCAPES
(20,000 tiny polished minerals)
Daisie Skidmore

FOSSIL ECHINODERMS
Christina Strimple

RARE SPHALERITE CRYSTALS
Ed and Mary McNamar

FOSSIL SCULPTURES & PANORAMA
Vone and Clarence Luthi

ROCK CARVINGS
Donald Diller

LARGE SPECIMENS & HUGE ROUNDS OF ARIZONA WOOD
Ralph Bass

WEST VIRGINIA PLANT FOSSILS
Janice Root

TRILOBITES (including a 12-inch monster)
Guy Darrough

MIDWEST FOSSILS
Cecilia Duluk

PALEOBOTANY (choice leaves, nuts, pine cones, etc.)
Edward Shibata

MINI OIL WELL
Conservation & Survey Div., Uni. of Nebr.

RURAL AMERICA IN ROCK PICTURES
Howard and Harvey Kenfield

CHOICE GREEN RIVER FOSSIL FISH & IOWA CRINOIDS
W. D. White

PRINCE OF WALES ISLAND, ALASKA MINERALS
(Epidote & Quartz)
John Hufford

FOSSIL DRAGONFLY WING FROM PERMIAN OF KANSAS WITH PERMIAN DIORAMA
Dept. Entymology, Dr. Donald A. Wilber, ret.

NEBRASKA'S LARGEST GEODE
Professor Scott J. Williams

PAINTINGS OF ROCKS
Phoebe Hein

GEMS OF THE BIBLE
Rudy Fahl

CARVINGS & PENDANTS
Hermann Burger

FINE TURQUOISE JEWELRY
Bill and Charlotte Dunsworth

TAMPA BAY, FLORIDA AREA AGATIZED CORALS
Mr. and Mrs. John Q. Morris

GEOLOGICAL TIME—A NATIONAL TROPHY WINNER
Gus and Frances Lindveit

SPHERES, CARVINGS, STONE NOVELTIES
Russell L. Kent

STATE DISPLAYS — Featuring gemstones, minerals and fossils designated by state legislatures. Also, some Canadian Provinces.
LGMC DISPLAYS — Over 200 displays by Lincoln's own rock collectors.
NAOESCI DISPLAYS — Over 250 displays by members of Nebraska's 20 or so rock clubs.
MIDWEST AND AMERICAN FEDERATION COMPETITIVE EXHIBITS

SPECIAL FEATURES EXHIBITED IN EXPOSITION BUILDING

PUBLICATIONS

1. Gems & Minerals
2. Lapidary Journal
3. Earth Science
4. Rockhound

NON-PROFIT ORGANIZATIONS

1. State Geological Survey
2. Lizzadro Museum of Lapidary Art
3. Tourism
4. Nebraska Geological Society
5. Johnny Horizon

FEDERATIONS

1. American Federation of Mineralogical Societies
2. Eastern Federation Mineralogical & Lapidary Societies, Inc.
3. Midwest Federation of Mineralogical & Geological Societies
4. California Federation of Mineralogical Society Inc.
5. Northwest Federation of Mineralogical Societies
6. Central Canadian Federation of Mineralogical Societies

WORKING DEMONSTRATORS

1. Glass Sculptures . . . . . Mr. Gene Eno, Lincoln, Nebraska
2. Creations for Heirlooms . . . . . Mr. Lazar L. Shiroka, Indianapolis, Indiana
3. Tumbled Rock Crafts . . . . . Bev & Hugh Carroll, Ft. Dodge, Iowa
4. Yarger's Gem Rock Clocks . . . . . Mr. George C. Yarger, Ottumwa, Iowa
5. Painting on Rock Slabs . . . . . Mr. & Mrs. Arthur O. Henry, Omaha, Nebraska
6. Sand Filled Bottles . . . . . Louise & Elmo Nolan, Pass Christian, Mississippi
7. Silver Smithing . . . . . Mr. & Mrs. Henry F. Myers, Kansas City, Missouri
8. Wire Twisting Creations . . . . . Mr. Ed McNamar, Des Moines, Iowa
9. Liberty Metals Inc. . . . . Mr. Robert Nilson, Lincoln, Nebraska

FUN THING

1. Automatic Cab Machine . . . . . Mr. John Lewis, Lincoln, Nebraska

SPECIAL EVENTS – OPEN AIR AUDITORIUM – STATE FAIRGROUNDS

ROCK SWAPPING DAILY, 10:00 a.m. to 6:00 p.m.
Under the direction of Darline & Hal Janzen

THURSDAY, JUNE 13, 1974

7:30 to 9:00 p.m. – SUCCULENT WESTERN BARBECUE, served continuously
(by advance ticket)
Shaved USDA Choice Barbecued Beef
Sesame Buns
Oven Baked Beans
Cole Slaw with Brandeis Special Dressing
Lemonade – Coffee
Brownies
Served by Brandeis Food Management Service

9:00 p.m. – OLD-FASHIONED BARN-STYLE SQUARE DANCE
Music: Fiddling De and Friends
Caller: Mr. Dean Wiemers

FRIDAY, JUNE 14, 1974
Flag Day

9:00 p.m. – DANCING to the OLIVER HOTSIE TOTSIE POLKA BAND
Entr'acte: BARBERSHOP HARMONY
The Lincolnaire Chapter of the Sweet Adelines
Directed by Mrs. Karen Koch; Introductions by Mrs. Joyce Urbom

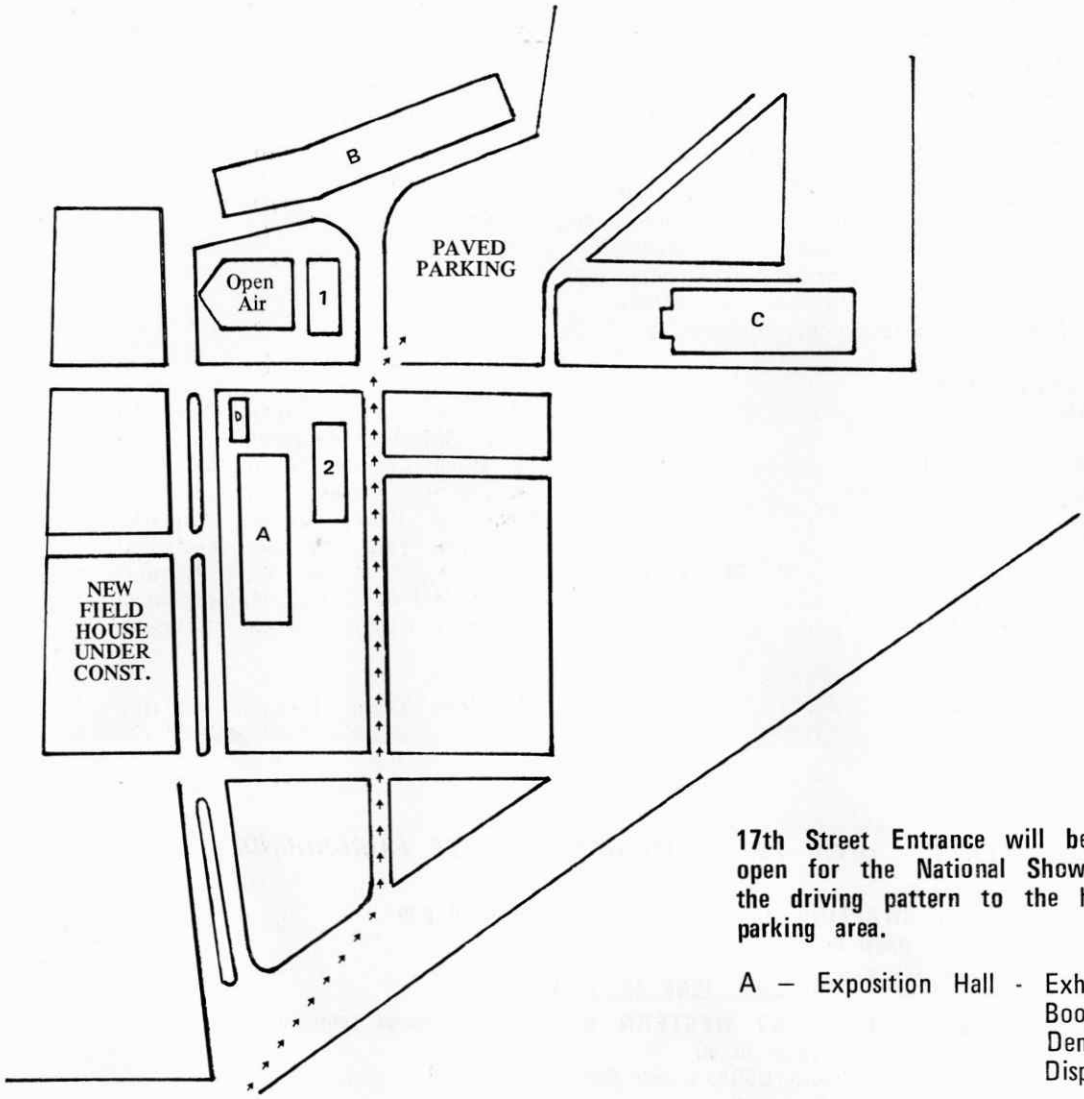
SATURDAY, JUNE 15, 1974

9:00 p.m. – THE SINGING SCHOOL BELLES IN CONCERT
One hundred young voices blending in old and new favorites
Directed by Mrs. Ethel Schram; Accompanied by Mrs. Bonnie Hall

SUNDAY, JUNE 16, 1974
Father's Day

11:00 a.m. – MORNING WORSHIP SERVICE
Conducted by Rev. Raymond Pfeiffer, Visitation Pastor, St. Andrew's Church

1974 NATIONAL GEM & MINERAL SHOW SITE



17th Street Entrance will be the only one open for the National Show. Arrows mark the driving pattern to the huge blacktop parking area.

A – Exposition Hall - Exhibits
Booths
Demonstrations
Displays

B – Grandstand - Retail Dealers
Manufacturers
Displays

C – 4–H Building - Wholesalers only

D – Dining Hall - Open during show hours

1 – Administration Bldg. - Central Information
Business Offices
Lecture Room #1
Lecture Room #2

2 – Concessions Bldg. - Lecture Room #3
Lecture Room #4

Open Air Auditorium - Swapping
Barbecue
Polka Band
Singing
Square Dance
Worship Service

NEBRASKAland's Weekly Magazine

FOCUS

TV WEEK Books | Movies | Fine Arts | Travel | Radio | Crossword

Sunday Journal and Star
LINCOLN, NEBRASKA

Page 1 of Section H
June 9, 1974

Coral and ivory carvings from Japan and China will be among show displays. Exhibited by the Lizzadro Museum of Lapidary Art at Elmhurst, Ill., they were found by Russell Kemp of South Holland, Ill., a curator on the Lizzadro staff.

Couldn't Happen Again in 96 Years

Gem and Mineral Show Really One in a Lifetime

By Nancy Newhouse

If you ever thought the rocks were all in your head, maybe this week will prove that the facts are otherwise.

The largest collection of gems, minerals, rocks and fossils ever presented in a national convention will be in Lincoln this week, along with 40,000 rockhounds expected to be lured to the Capital City by these exhibits.

The 180 members of the Lincoln Gem and Mineral Club are hosting the National Gem and Mineral Show at the State Fairgrounds Thursday through Saturday.

Although rockhounds travelling through Nebraska frequently stop to collect from the wealth of gem materials here, this week should easily break all previous records, says Roger Pabian, research geologist for the University of Nebraska and chairman of displays for the show.

And, says Pabian, bringing the National Gem and Mineral Show to Lincoln is literally a "once in a lifetime opportunity." It will be 94 years before Lincoln could even conceivably be chosen as the national show site. The 16 national districts take turns hosting the show, as do the six states in the Midwest District.

And it will be another three or four years before Lincoln will even be within 300 or 400 miles of a national show, Pabian says.

For obvious reasons he thinks no one should miss the event.

Show activities will begin Thursday with ribbon-cutting ceremonies by Mayor Sam Schwartzkopf at 8:30 a.m. at the Fairgrounds 17th St. entrance and the first-day issuance of a set of commemorative mineral heritage stamps at 10:30 a.m. in the Open Air Auditorium on the grounds.

During the next three days events at the fairgrounds will range from polka dancing to silversmithing. The core of the show is the approximately 800 exhibits and 40 lectures and demonstrations on the agenda.

Exhibits will cover everything imaginable concerning rocks, gems, minerals or fossils. Among the diversity of exhibits which will be shown are collections of Indian artifacts, gemstone and rock carvings, mineral landscapes, silverwork and turquoise, and agates from glacial deposits.

One of the more unusual exhibits will be a clock once owned by Marie Antoinette. Another exhibit plays tricks on the viewer by creating optical illusions with gemstones.

Visitors to the fairgrounds may browse at will among the exhibits, drop in on one of the lectures taking place each hour, or participate in any of the lively entertainments available.

Thursday night a barbecue and square dance are on the agenda with music by Fiddlin' De (DeRyke) and Friends and Dean Wiemers as caller. This event and most other evenings entertainment programs will be in

Continued on Page 9.

This is the design of the **mineral heritage set of four stamps** to have its first day of issue here Thursday. When used as a block, they too take the shape of a gem, the diamond, and the value of each is read square with the world only if the individual stamp is positioned as a diamond.

Gem and Mineral Show At State Fairgrounds

Continued from Page 1.

the Open Air Auditorium.

Friday night is polka night with the Oliver Hotsie Totsa Polka Band playing. The Lincolnaire Chapter of the Sweet Adelines will sing.

At an awards banquet Saturday night, scheduled for the Nebraska Center, the Singing Belles, a 100-voice chorus of Lincoln high school girls, will perform.

Throughout the show there will be rock swapping opportunities in the Open Air Auditorium.

Many of the exhibits will be in the Fairgrounds Exposition Hall. Retail dealers, manufacturers and special exhibitors will be underneath the grandstand while wholesalers will have their exhibits in the 4-H Building. Lectures will be in the Administration Bldg. and in the Concessions Bldg. The show will have a business office in the Fairgrounds Administration Bldg. while general headquarters for the show will be the Nebraska Center, 33rd and Holdrege.

Exhibitors may enter noncompetitively if they wish; however, if they wish to compete they may enter the Midwest Federation Competition, or providing they compile enough points there, the American Federation Competition.

Display categories include gem, mineral, fossil, jewelry making, and educational.

The Lincoln Gem and Mineral Club members have been planning for what they call this "mammoth affair" since 1970, when Lincoln was approved as the show site.

In addition to the city's regularly available hotel and motel accommodations, arrangements have been made for some of those attending the show to stay in University of Nebraska dormitories. The Fairgrounds camping area on No. 14th St. will be used by many of the gem and mineral show visitors, too.

There will actually be four shows rolled into one at the fairgrounds this weekend. Included in the event are: the Lincoln Gem and Mineral Club's annual show, the Nebraska Association of Earth Scientists annual show, the Midwest Federation of Minerological Society annual show, and the American Federation of Mineralogical Society annual show.

The first day of issue for the commemorative mineral heritage stamps is regarded as an important philatelic event as well as one pertinent to the gem and mineral show.

William D. Dunlap of Washington, assistant postmaster general for customer services, will speak at the 10:30 a.m. Thursday ceremony.

The gems and wood used as models for the stamps, all from the United States, are specimens from the Smithsonian Institution in Curator Paul E. Desautels' Division of Mineralogy and will be on display

Sharing the platform with Dunlap will be Mrs. Milton Turner of Bethesda, Md., chairman of the American Federation of Mineralogical Societies' Commemorative Stamp Committee, who has been campaigning for this stamp since well before the Federation's 1967 show, and Mrs. Glenn Lee, Pendleton, Ore., current president of the American Federation of Mineralogical Societies.

This set of stamps is unusual in several aspects in that it is the first mineral heritage postage Stamp ever offered by the U.S. Postal Dept., printed in 8 colors and presented in a square block of four stamps so that when rotated 45 degrees it assumes a diamond format and only then will the "10 cents" denomination be at the top of the individual stamp.

First-day requests may still be made to "Mineral Heritage Stamps, Postmaster, Lincoln, Ne. 68501", enclosing proper remittance and with requests postmarked no later than June 13, 1974. Enclose 40 cents for a block of four. Request for single 10-cent stamps will be honored providing the name of the gem is indicated in the upper right hand corner of the cover.

A two-color cacheted first day cover for the June 13 Mineral Heritage stamp issue is being offered by the Lincoln Stamp Club in cooperation with the Lincoln Gem and Mineral Club. Covers with the se-tenant block of four and an informational insert sheet are available at $1 each. They may be ordered from "Mineral Heritage Cachets, c/o Lincoln Stamp Club, Box 80951, Lincoln, Ne. 68501."

Nebraskaland Southeast Sun

Lincoln first Nebraska city to host national mineral show

An estimated 40 thousand persons are expected to attend the National Gem and Mineral Show and Convention to be at the Nebraska state fairgrounds Thursday through Sunday, June 13-16. It is the first time the national show has been held in Nebraska.

The show and convention will use five of the largest buildings at the state fairgrounds and visitors are expected to need several days to see the entire show.

William D. Dunlap, assistant postmaster general for customer services, will be the principal speaker at the first-day issuance ceremony of the commemorative mineral heritage stamp on Thursday, June 13, at 10:30 a.m. in the open air auditorium on the fairgrounds.

There will be nearly three hundred individuals from all over the United States exhibiting. This will be the largest display of gems, minerals, rocks and fossils ever assembled in a national show.

The more than six hundred exhibits from all over the world will include: Wood collages created by Harvey and Howard Kenfield, Ogallala; jade choker and earrings inlaid in gold by the late Dr. John G. Neihardt; and the fabulous mineral collection of David P. Wilber, Carson City, Nev., which includes the largest emerald crystal cluster ever found in North America.

The event incorporates the combined show and convention of the American Federation of Mineralogical Societies, the Midwest Federation of Mineralogical and Geological Societies and the Nebraska Assn. of Earth Science Clubs and is hosted by the Lincoln Gem and Mineral Club.

Omaha World-Herald
Midlands News

'Gem Session' Expecting Some 40,000 Rockhounds

World-Herald Lincoln Bureau, Room 2, Executive Building.

Lincoln will be crowded June 13-16 with possibly 40,000 "rockhounds."

They will be attending the National Gem and Mineral Show put on by the Lincoln Gem and Mineral Club.

The show is in conjunction with conventions of the American Federation of Mineralogical Societies, the Midwest Federation of Mineralogical and Geological Societies and the Nebraska Association of Earth Science Clubs.

Convention officials already confirm more than 500 exhibits, giving the Lincoln show the most space ever at a national show.

Marie Wells, publicity director for the host Lincoln club, said meetings and exhibits will stretch from the Nebraska Center to the downtown Pershing Auditorium and on out to the fairgrounds.

Fair Manager Henry Brandt said the convention shows and exhibits will use the grandstand, Exposition, Youth, Concession and Administration Buildings as well as the Open Air Auditorium.

The new campgrounds, he said, are "booked solid."

The rockhounds from throughout the United States and Canada also will be quartered in hotels and homes throughout the city.

It will be the first time the convention is in Nebraska. More than 50 retail dealers as well as exhibitions will show what are said to be the "most glittering, colorful, exquisite and beautiful specimens of minerals to be found anywhere."

The best will be entered in competition for the American Federation Trophy.

The Smithsonian Institution is bringing several rare exhibits.

A feature of the opening day will be first day ceremonies for the Mineral Heritage postage stamp.

First Rockhounds Get Set For Mineral Show Opening

By PATTY BEUTLER
Star Staff Writer

If they could move the Rock of Gibraltar it would probably be on display at the 1974 National Gem and Mineral Show.

For the four-day show which opens Thursday morning features every imaginable size, shape and shade of stone collected and swapped by the swarms of rockhounds who are gathered in Lincoln for the annual event.

Wednesday afternoon while the Exposition Hall came alive with the arrival of the first of more than 700 individual displays, the officers and delegates of the American Federation of Mineralogical Societies (AFMS) carried out their business meeting at the Nebraska Center.

Old Home Week

Dorothy Lee of Pendleton, Ore., president of AFMS, said it was "like old home week" finally getting together with all the people she'd known by mail the whole year.

Back at the fairgrounds in the middle of all the action, Roger Pabian, research geologist for the University of Nebraska and chairman of displays for the show, helped solve the "nuisance" problems which cropped up as the collectors moved into Exposition Hall.

"Exhibitors would ask for a three-foot display area and then show up with a four-foot base," lamented Pabian, whose job it was then to shuffle and shift cases to accommodate all the displays.

Wrong Divisions

Another hang-up came from competitors who entered their specimens in the wrong divisions, causing more last-minute exhibit shuffling.

"Each one is a problem you can solve in two minutes, but when you've got 200 of them . . . "shrugged a rather busy director of displays.

Stan and Helen Shurtleff of Humboldt were among the early-to-arrive exhibitors with plenty of time to polish the glass case of their agate picture rock collection. Of special interest is a small agate found in Pawnee County with a perfect silhoutte of a girl's head in the center.

"You never know from the outside what you're going to find on the inside," Shurtleff pointed out.

Bit Of Dover

The Elmer Glenns of Hastings bring a bit of history to the show with their chalk piece of the white cliffs of Dover and a stone from Dover Castle in England.

And several displays of tantalizing iron pyrite might send a potential prospector panning once again.

While the casual viewer might find it difficult to designate his favorite piece, it will be the job of more than 40 judges over two days to select the prize-winning specimens in six categories: lapidary, minerals, fossils, jewelery and metal craft, education and an open division which includes archeology.

Ribbon Cutting

Highlighting opening day ceremonies will be a ribbon-cutting by Mayor Sam Schwartzkopf at 8:30 a.m. and the first-day issuance of a set of commemorative mineral heritage stamps at 10:30 a.m.

A western barbecue in the open air auditorium will round out the day's activities.

The Lincoln Star
June 13, 1974 P.1

Preparations for Ribbon Cutting Ceremony

Lincoln Mayor Sam Schwartzkopf
Addresses the Eager Crowd

Lincoln Gem and Mineral Club

LINCOLN, NEBRASKA
P. O. Box 5342

Mr. Kuo Mo-jo, President,
Chinese Academy of Sciences
Peking, People's Republic of China

Dear Sir:

On June 13, 14, 15, and 16, 1974, the Lincoln Gem and Mineral Club of Lincoln, Nebraska, in conjunction with the American Federation of Mineralogical Societies and the Midwest Federation of Mineralogical Societies, will host the American National Gem and Mineral Exposition at the State Fair Grounds in Lincoln. This is scheduled to be the largest gem and mineral exposition to be held in the United States in 1974. Exhibitors from all fifty states and a number of nations throughout the world are being invited to participate in this event. Spectators from all of the United States and many world nations are expected to attend this exposition. The purpose of this exposition is to familiarize the American public with the sciences of Geology, Paleontology, Mineralogy, and Gemology, and the arts of Lapidary and Metal Working.

The People's Republic of China and the United States have agreed in the Joint Communique issued in Shanghai, on February 28, 1972, to facilitate bilateral trade and exchanges in such fields as science, technology, culture, sports, and journalism on a nongovernmental basis. The Chinese people have a great heritage that relates to both the geological sciences and lapidary arts. In order that a large cross section of American people may be exposed to this heritage, the People's Republic of China is cordially invited to participate in this event. A display of objects such as jade carvings, mineral crystals, and fossils from the People's Republic of China would create much interest with the American public.

If you wish further details and information about the scope and objectives of the 1974 American National Gem and Mineral Exposition, please contact me.

My sincere thanks for your consideration of the foregoing request.

Sincerely yours,

Roger K. Pabian
Displays Chairman,
1974 National Gem and
Mineral Exposition

Correspondence with Red China

Guadalajara, Jal. Mexico.
January 14, 1974.

Roga. H. Pabian Chairman.
Displays Committee.
Lincoln Gem. Mineral Club.
Box 5342.
Lincoln Nebraska 68505.
U.S.A.

Dear Mr. P abian.

Thanks for your letter and invitation to Dr. Mallory to display a collectum of fire agate at the National show. Dr. Mallorys interest in fire agate is principaly technical and journalastic and he he has asked me to reply. I deal in a very small way in this beautiful jewelery stone but have no inclination myself to display at the shows, however have a couple of customers in California who are in a position to make a nice exhibit of fire agate and they might be interested.

Am taking the liberty of passing your invitation on to them and hope you get a real nice display of these mexican beautys.

Sincerely.

Dwight Betesole

Dwight Betesole.
Box 31-19.
Guadalajara, 5, Jal.
Mexico.

Correspondence with Mexico

548 Stonecliffe Road,
Oakville, Ontario, Canada.
L6L 4N9

March 28, 1974.

Mr. Roger K. Pabian,
National Gem & Mineral Show,
P. O. Box 5342,
Lincoln, Nebraska 68505,
U. S. A.

Dear Mr. Pabian,-

Enclosed please find Exhibit Registration form to display and compete in the National Gem & Mineral Show.

Sorry I have not got this to you sooner but I have been waiting to see what will happen with your energy crisis and gasoline shortage. A group of fellow Canadians and I are now considering going to Nebraska in one vehicle and of course, if we do this, there will not be room for display cases. Do you have a lighted display case available and if so I would like to know the exact inside dimensions so I could make up a lining for the case and display stands. If you have any of these cases left, please reserve one for me.

Hoping to meet you in June.

Sincerely,

Douglas G. Hunter.

Correspondence with Canada

OPAL TRADERS ☆ COOBER PEDY
BOX 57 • COOBER PEDY, SOUTH AUSTRALIA 5723
TELEPHONE: COOBER PEDY 36001

June 25, 73

Dear Mr Taylor,

I appreciate your offer for our participation in the '74 National Show in Lincoln. However, we are wholesale suppliers exclusively and can no longer attend retail shows.

Our cutting demonstration and film would have been very enlightening to the club members, and maybe something would be available later

Sincerely,

Danny Ingebritson

~~U.S. OFFICE: P.O. BOX 2616 • HOUSTON, TEXAS 77001~~

Correspondence with Australia

S H A K U N T L E
F-7 JANGPURA EXTENSION
NEW DELHI-110014, INDIA
TEL:73657, CABLE: RATNAGEM

NOvember 23, 1973

Mr.Irl Everett
Chairman
American Federation of Mineralogical Societies,
Midwest Federation of Mineralogical & Geological
Societies, And the Nebraska Assoc. of Earth
Science Clubs, Inc.
2941 N.65th St.
Lincoln, Nebr.68507
U.S.A.

American Federation of Mineralogical Societies, Midwest Federation of Mineralological & ~~the Nebraska~~ Geological Societies, And the Nebraska Assoc. of Earth Science Clubs, Inc., June 13 through 16, 1974.

Dear Mr.Everett,

We are exporters of Gem Stones from India. We are interested in participating in the Show to display our range of Gem Stones to be held on June 13 through 16, 1974. It is, therefore, requested to kindly let us know charges, size of the booth and other terms at your earliest.

Thanking you,

Yours faithfully,
for Shakuntle
R L Aggarwal
Rattan Lal Aggarwal

Correspondence with India

Special Display for the Visually Impaired

Nebraska Mineral & Gem Club

8000 DAVENPORT

OMAHA, NEBRASKA 68114

March 27, 1974

Roger K. Pabian, Director
Displays Committee
Lincoln Gem & Mineral Club, Inc.
P.O. Box 5342
Lincoln, Nebraska 68505

Dear Roger:

Sorry for the long delay in responding to your inquiry for assistance with the display for the visually impaired. I have been unable to collect enough information from our Club members to be of much assistance. Therefore, I contacted Mr. Regler, Chief Administrator of the School for the Visually Impaired, 825 10th Avenue, Nebraska City, phone - 873-3259. He advises that one of his educators, Mrs. Don Eschen, phone - 873-5273, is a member of the Nebraska City Rock Club, has organized such displays and of course has access to the Braille typewriters, etc. May I therefore suggest that you contact Mrs. Eschen to organize your display for the visually impaired.

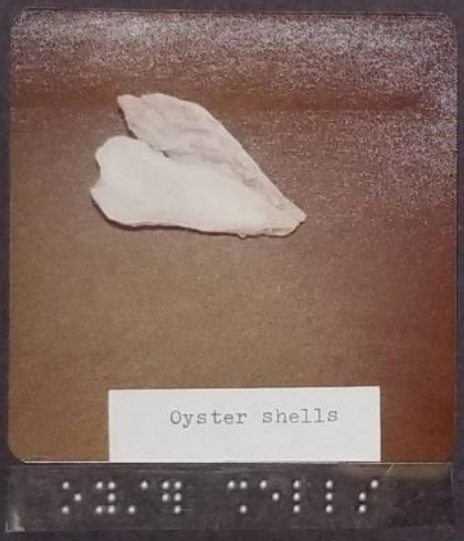
We are looking forward to the "big show". Kindest personal regards.

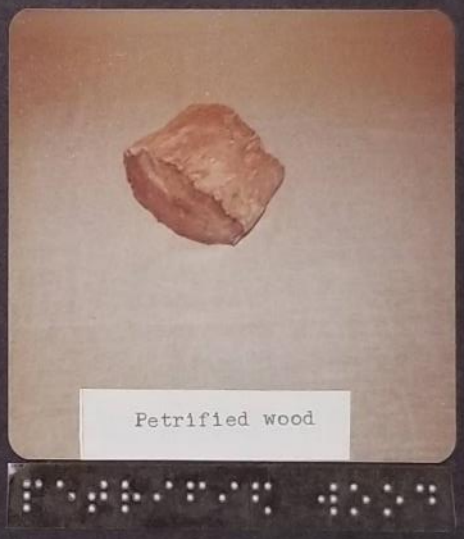
Respectfully,

Hal

Hal Horak
President

Special Display for the Visually Impaired





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EXHIBITS DIRECTOR of the 1974 National Show, Roger Fabian, needs about 75 specimen for a "Braille Table", with the following specifications - Non-Fragile, of a representative Shape and Feel, (as quartz should be a 6-sided crystal), Large-non pocketing size. Please contact Roger if you have such a specimen or desire more information. Deliver to his home with your name, identification, locality and any other information you wish to supply on the label. Deadline May 25, 1974.

The Pick and Shovel May, 1974 p.4

We show pictures of a few of the specimens that were loaned by the Club members to be used in the special display for the visually impaired. The specimens were labeled in both regular type and in Braille for all to read. Those persons who were blind were admitted free of charge to the National Show.

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342 Lincoln, Nebraska 68505

HOST TO

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

"The Place to Go in '74"

Members of

and Community Arts Council of Lincoln

May 27, 1974

Mr. Ralph Ulrich, President
Lincoln Gem and Mineral Club
3909 Pace Blvd.
Lincoln, Nebraska 68502

Dear Ralph:

As you know, our former Lincoln Gem and Mineral Club member, William Hendrickson, was confined to the Madonna Home for a number of months and as his last project was attempting to make arrangements for the Craft Therapy patients to attend our National Gem and Mineral Show as a group. He had progressed as far as determining that a bus would be available, that there would be personnel to attend the patients, and that thirty tickets (a cost of $60.00) would be the probable requirement. He was so engrossed in this project that one of the ministers spoke of it in his funeral tribute.

I went to the Madonna Home on May 23rd to see Mrs. Kay Schaffer, who heads the Therapy Department there. She confirmed the information as Mr. Hendrickson had given it to me, and said that Thursday, June 13, would be the most convenient date for them, and that they could leave Madonna Home in their bus at 11:30 am, taking sack lunches with them so that they would have more time at the show.

On Friday, May 24th, I talked with Mrs. Weyand of the Public Relations Department at Miller and Paine, hoping they, as Mr. Hendrickson's former and Mrs. Hendrickson's present employers, might like to make this possible. Mr. Sandin from that department phoned me Saturday morning to say that purchase of tickets isn't their policy but that there might be some other way they could help. He suggested that, as retailers of crafts materials, they might have been able to purchase an ad in our program had that not already been printed. I assured him that in another year we will have another program to print, and he indicated that they might be able to help then.

I would like now to try to obtain money for the tickets through personal donations by Club members in memory of Bill Hendrickson. Do you feel that this will be an acceptable approach?

Sincerely yours,

Florence M. Boring

Craft Therapy Patient's Dream Come True

Florence Boring reports she has collected $33.00 toward 'our' project of bringing the craft people from Madonna Home to the show. Any donations are welcome. 30 people are planning on attending the show. They need $60.00 total. Mrs Hendrickson will provide the remainder of money needed for this.

Motion by Howard Taylor that Lincoln Gem & Mineral Club donate $25.00 to the cause seconded by John Harrison, Jr.. cause stated above. Motion carried 5 in favor 2 opposed. Board Minutes The Pick and Shovel July 1974

MADONNA PROFESSIONAL CARE CENTER

2200 South 52nd Street • Telephone 402/489-7102 • Lincoln, Nebraska 68506

June 17, 1974

Ralph L. Ulrich
Gem & Mineral Club President
3909 Pace Blvd.
Lincoln, Nebraska 68502

Dear Mr. Ulrich and members,

On behalf of the residents, volunteers and employees of the Madonna Professional Care Center, I would like to express our thanks for making our trip to the Gem and Mineral Show possible. The residents enjoyed the outing. Many of the residents couldn't get over the beauty of the stones displayed.

Thank you for carrying out Bill Hendrickson's last project. It was enjoyed by the residents of the Madonna Home.

Sincerely,

Judy Spickelmier

Judy Spickelmier
Director of
Recreation and Volunteers

JS/pv

• A BENEDICTINE CENTER OF HEALTH CARE •

THE WHITE HOUSE

WASHINGTON

The President was pleased to receive your thoughtful invitation. While the official demands on his time make it impossible for him to be with you, he wants you to know how much he appreciates your kindness.
With the President's best wishes,

Terrence O'Donnell

operating in the United States. We are hosts to the National Gem and Mineral Show which will be held at the State Fairgrounds here in Lincoln, Nebraska. We have prepared for one of the largest functions of the kind ever undertaken. Many well known scientists will assemble here to present lectures and to generally inform the public of the wonderful features of the planet which we inhabit.

We members of the Lincoln Gem and Mineral Club, Inc. extend you a special invitation to attend our National Gem and Mineral Show June 13 through 16, 1974.

Very truly yours,

Ralph Ulrich, President
Lincoln Gem and Mineral Club, Inc.

RLU:nm

Invitation to
The President of the United States

copy of letter sent to mw clubs

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342 Lincoln, Nebraska 68505

HOST TO

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

"The Place to Go in '74"

Members of

and Community Arts Council of Lincoln

December 5, 1973

Dear President :

It is our intention to mail individual registration packets of information concerning the 1974 National Show and Convention, and the Nebraska State Show and convention, to rockhounds in the surrounding area.

To make this possible we need the names and addresses of your individual club members before January 15, 1974. The mailing of these packets is scheduled for March 1. In order to allow us time to prepare the labels and packets please send us your roster as soon as possible and in any event, no later than January 15th.

Sincerely yours

Ralph Ulrich

Ralph Ulrich, Chairman-Steering Committee
1974 National Show and Convention

Information Packet

Information packets were mailed to every known individual member in the Midwest Federation and to all known clubs in the other Federations.

NATIONAL GEM & MINERAL SHOW - 1974
Registrations Director's Report

Well, the "impossible" is done!!! Thanks to L.G.M.C. members who helped with the March 1st mailing we were able to accomplish a mountain of work. To make this a complete report for the record as well as to inform everyone of what has transpired I will go back to December, 1973 when Ralph Ulrich (administrative assistant) wrote all club presidents in the MWF asking for membership rosters. In the letter he stated it was our intention to mail packets of show information to all MWF club members, plus packets to all clubs in other federations. The response to this request brought rosters from 129 clubs with a total of 6,518 individual names.

In January we began addressing envelopes. Members helping with this were Evelyn Ulrich, Helena Baegl, Mildred and Rev. Pfeiffer, Hazel and Dean Baumeister, Grace Carson, Arlene and Don Eckle, Lois Terry and children, Virginia Green, Ruthie Coleman, Norman Engelhart, Glenna McGinnis, Tam Dutcher, Jo Eva Jones and Brent Jones, Tom Simmons, and Flossie Litzenberg.

While this job was being done the printing of information was being organized and completed. Marie Wells and Norma Miller compiled the registration form and meetings schedule brochure, Roger Pabian and Nelda Oliver printed the exhibitors advisory, and the hotel-motel information sheet and map was printed by Margaret and Roger Simmons. (Eric, too, I'll bet.)

When the envelopes were all addressed the next big job was to sort them according to zip codes. This was accomplished through hours of work by loyal members who stuck with the job many afternoons and evenings. They were Norman Engelhart, Glen & Flossie Litzenberg, Hazel & Dean Baumeister, Frank and Tom Rule, Marie & Lynn Wells, Ralph Ulrich, Bill Schneider, Luella Paul, and Virginia Green.

A pre-meeting meeting was held by Margaret Simmons to organize the procedure for assembling the material. On the afternoon of Saturday, Febr. 23 (our regular meeting day) tables and chairs were arranged in the meeting room and the material readied for that nite. A brochure from the Chamber of Commerce about Lincoln, and a list of Nebraska hotel-motels from the Nebraska association was to be included in the packet. Sixty-two members appeared to help with assembling the information sheets, stuffing, sealing, and tieing the envelopes into bundles by zip code. The whole works was then loaded into Ralph Ulrich's van ready for the Post Office. Florence Boring and Rosa Lee Wright assisted in the afternoon and evening along with the others listed above.

At 7:30 a.m. on Monday, Febr. 25, Ralph was first on deck at the east dock of the main Post Office to unload the boxes. Norma Miller appeared on the scene in time to help with the last half and to watch the weighing out. The total weight in the mailing came to 998 pounds (almost one-half ton)! The total number of packets mailed was 8,634. About 100 additional packets have since been sent on request.

Now, how does that grab you for accomplishment? It just goes to show that when work needs doing you can count on the members of L.G.M.C. to come through and really produce. I thank each of you sincerely who helped in any way in this effort. It was almost overwhelming when we first started on the project, and I want to thank everyone for their patience with me and with each other in ironing out the little problems that arose as we went along. I also want to thank my family (who incidently are not rockhounds) for their perseverance with me. It takes the cooperation of all to make a success of any effort, and this mailing is proof that it can be done. Thanks again.

--Norma Miller, Registrations Director

Assembling Information Packets

A Truckload of Mail

Mailing Information Packets

Favors

Banquet--1

Mid-si
Loup V
Pan Ha
Homest
100th
Prairi
Nebras

Editors Br

Centra

Executive

Arbor

Delegates
Fort F

Delegates

Myrtle

Tie Tacks

Menu Cover

Banquet--

Luella
France

Editors Br

Fort Bu

Naoesci Lu

Evely

YOU Can

make

the

DIFFERENCE

"THE PLACE TO GO IN 74"
Nat'l Gem & Mineral Show
June 13-16 Lincoln, Nebr.

Place Cards-

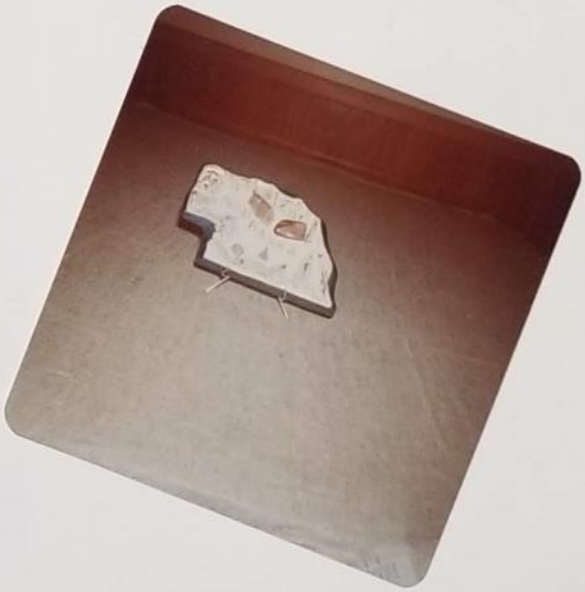
Loup Valley Rock and Mineral Club----80

Centerpieces

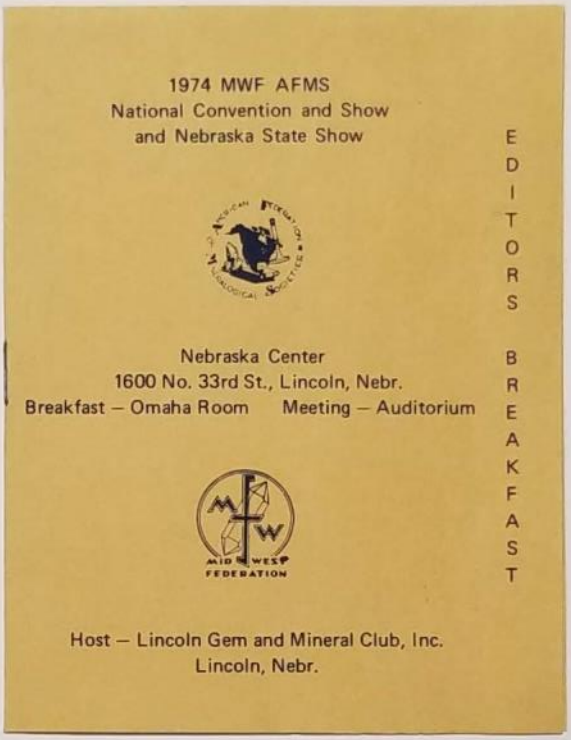
Loup Valley Rock and Mineral Club---3
Fort Butler Rock and Gem Club-------3
Fort Kearney Rock Club----------3
Prairie Rockhounds----------9
100th Meridian Rock and Gem Club----1
Central Nebraska Rock and Mineral Society--3
Arbor Valley Gem and Mineral Club-- 7

Involvement of Other Clubs

One of the most important aspects of the National Gem and Mineral Show, the involvement of all the Nebraska clubs, of necessity was begun as early as 1972. Some of the early letters are included here to illustrate our procedures in getting these clubs to respond.



Favors incorporating native minerals and fossils were furnished by various Nebraska Clubs.



Program Covers Furnished by Various Clubs

President Ralph Ulrich
Lincoln Gem & Mineral Club
Lincoln,Nebr.

Members of The Homestead Gem & Mineral Club in Beatrice,Nebr., wish to congratulate the Lincoln Gem & Mineral Club on a job well done.

The National Gem & Mineral Show was the most spectacular events to come to this part of the country.

Only hard work,diligence and careful planing could have made this possible. We are happy to have been a small part of such a big undertaking.

Secretary
Homestead Gem & Mineral Club
Beatrice,Nebr.
Mary Mapson

hj

nd MINERAL
ASKA

well done in
d West
took many
rt and you

er it quite
thank you for
, and also for

ederation and
you personally.

"We were happy to be a part of the National Show."

"Thank you for your help."

Dear NAOESCI Members:

Your support of the 1974 National Gem & Mineral Show project was tremendous! Through your efforts the 'extras' came to life..... the swap was viatlized, the word-of-mouth advertising spread, the centerpieces and favors appeared (and were oohed and aahed and appreciated), the exhibits compounded, the registrations swelled and records were broken.

Many hours were given by your club members throughout the past year and your efforts made the production of the show a really 'fun' thing. There were headaches involved and lots of planning but in our mind's eye the support of the NAOESCI clubs and their members hung in the background like a picture and the feeling of security and support it gave carried strength on which we all drew from time to time. Just knowing you all were out there working and caring made the operation more worthwhile. True, the Lincoln Gem & Mineral Club members could have done it alone, but how much more meaningful it was knowing all of NAOESCI was involved.

We truly appreciate your contribution to Show effort and thank you most sincerely.

Norma Miller, Registrations Director
1974 Nat'l Show

Dear Members of NAOESCI:

As the 1974 National Gem and Mineral Show has drawn to a close I realize my debt of gratitude to each one of you. Without your help and encouragement this show could not have been the success it was. Once again, I am reminded of the friendliness of the Nebraska Rockhounds. As we started preparing for this show, and asked the clubs to help us, we realized the willingness of each one to do their part. Old Fashion Western hospitality really came to the front as Nebraska Rockhounds made others feel welcome. I over-heard Rockhounds projecting "Nebraska the Good Life."

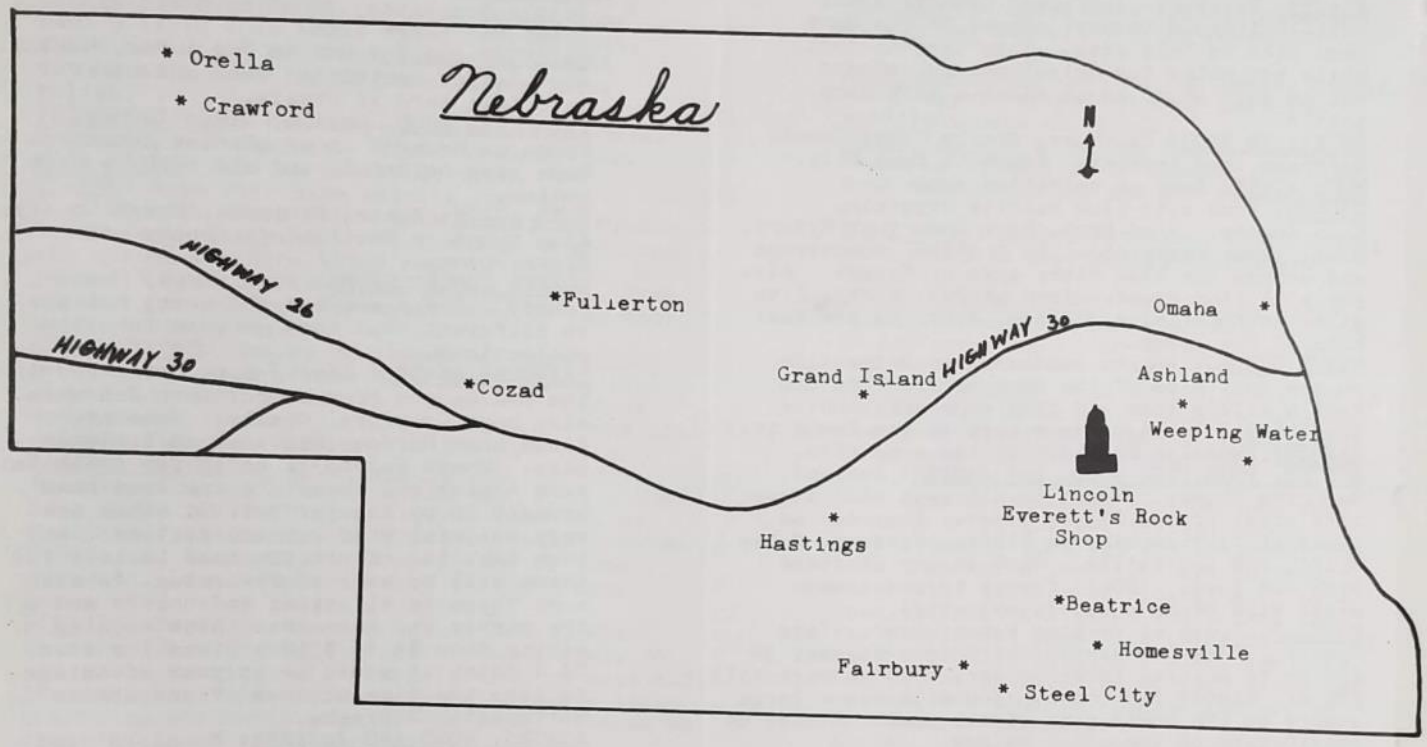
Again "Thanks to each one of you for helping make this the greatest Gem and Mineral Show ever.

National Gem and Mineral Show Director

Irl C. Everett

Field Trip Information

Field trip information was provided for those who might want to collect on their way to or from the Show.



"THE CAPITOL CITY'S FIRST ROCK SHOP"

EVERETT LAPIDARY SHOP
2941 North 65th Street
LINCOLN, NEBRASKA 68507

Nebraska Mineral & Gem Club

8000 DAVENPORT 68114

OMAHA, NEBRASKA

April 5, 1974

Ralph Ulrich
President
Lincoln Gem & Mineral Club, Inc.
P.O. Box 5342
Lincoln, Nebraska 68505

Dear Ralph,

As requested in your letter of March 26, I have made arrangements for you to appear on the "Conversations" 12:30 p.m., Monday, June 10th. On the air interviewer is Joan Ballion and the show director is Gordon Thomas. Gordy is a personal friend, as are the majority of the people at Channel 3 of many years standing. Gordy asks that you check in with him at 2615 Farnam, 12:00 noon. The show is geared to accommodate two guests, that is yourself and someone of your choosing. Your on-air time will be approximately 10-12 minutes. Such things as your mammouth flyer and color photographs preferrably 8 x 10 or larger can be used as camera cards. Normally, they would request that you only bring a very few (possibly 3 or 4) of the more unusual or exotic specimens, which will be placed on a table in the interview area.

So that Joanie can be aware of the type of questions you would like her to ask, please send a basic question and answer or summary of what you would like to Gordy several days before your appearance.

If I can help in any other way, please do not hesitate to call.

Respectfully,

Hal

Hal Horak
President

The general public was made more aware of our hobby.

Mineral Heritage Stamp
First Day of Issue

We were delighted to have the First Day of Issue ceremony for the Mineral Heritage Stamps as a part of our National Show. This gave us an opportunity to work not only with the Postal Department but also with the local stamp club and collectors from other parts of the country to promote our two hobbies.

FIRST DAY OF ISSUE

MINERAL HERITAGE STAMPS

AT THE

National Gem and Mineral Show

JUNE 13, 1974

STATE FAIRGROUNDS

LINCOLN, NEBRASKA

AMERICAN FEDERATION MINERALOGICAL SOCIETIES

MID WEST FEDERATION

NEBRASKA ASSOCIATION OF EARTH SCIENCE CLUBS, INC. NAES

LINCOLN GEM & MINERAL CLUB NEBRASKA

Letters Detailing Arrangements

OFFICE OF
THE POSTMASTER

UNITED STATES POST OFFICE
LINCOLN, NEBRASKA 68501

IN REPLY REFER TO

May 20, 1974

Mrs. Dorothy C. Lee, President
American Federation of Mineralogical
Societies, Inc.
704 S. W. 41st Street
Pendleton, Oregon 97801

Today is the first time that I have seen your letter dated April 11, 1974. Unfortunately, your letter got into the group of letters sent to this office by people making requests for First Day of Issue of the Mineral Heritage stamp.

I have been in touch with some of the local Mineral and Gem Society members who are active in preparing for the show, and who are coordinating the First Day of Issue. Now, that I have your letter, and officials connected with the U. S. Postal Service have become actively engaged in furthering the program, we hope to get the preparations underway for the Stamp Ceremony immediately.

Time is short, and we will need the cooperation of your organizations, as well as people interested in stamp collecting. This, I am sure we will receive.

[illegible]

Sincerely yours,

L. G. Moore

L. G. Moore
Postmaster
Lincoln, NE 68501

The president of each Federation was personally invited.

The Stamp Ceremony

Mrs. Milton Turner,
Committee Chairwoman,
Addressing the crowd

Audience at
the Ceremony

Mr. Leonard Buckley,
Designer of the Stamps,
Autographing Programs

Post-Ceremony Luncheon

STAR PHOTO

STAMPS . . . viewed by Mrs. Turner, left, Dunlap and Ralph Ulrich, Lincoln Gem and Mineral Club president.

Rock Show Is Real Gem; First-Day Crowd, 10,000

By PATTY BEUTLER
Star Staff Writer

For rockhounds used to the hit-and-miss of hunting on their own, the National Gem and Mineral Show is a real goldmine.

They can leave their digging duds behind and easily view every sort of earthly extraction imaginable gathered under several roofs at the State Fairgrounds.

Opening-day crowds, estimated at 10,000, filled the 3,000-car paved parking area by 10:30 a.m.

Ceremonies for the first day issue of mineral heritage stamps attracted a large audience in the open air auditorium.

'When I Lick It'

Mrs. Milton Turner, Bethesda, Md. who worked for 10 years to make the stamp a reality, said she'll "believe it when I lick it."

Asst. Postmaster General William Dunlap, on hand for the occasion, explained that the Postal Service commemorates only 15 stamps a year from over 4,000 recommendations. "We make 15 friends and 3,985 enemies a year," he jested.

Such commemorative stamps are used "to deliver messages of national interest, not just to deliver the mail," Dunlop remarked.

Diamond Shape

By rotating the square format of the stamps 45 degrees, designer Leonard F. Buckley, also in Lincoln for the first-day festivities, achieved a nearly perfect diamond shape for the individual 10-cent stamps and for the set of four.

Available Friday for public sale outside Lincoln the colorful set features the amethyst, rhodochrosite, tourmaline and petrified wood. The stamps were being sold in Lincoln Thursday.

Inside the Exposition Hall Charles Schafer's patchwork spheres of polished stones brought ooh's and ah's to the lips of passersby.

Others stopped by James Ennenga's exhibit for some tips on making turquoise jewelery.

Harry, Margaret and Richard Hohnholt of the Fort Kearny Rock Club displayed family pictures in frames of hollowed out sections of geods and Brazilian agate.

Petrified Wood

Huge, glossy, brilliantly-colored pieces of Arizona petrified wood from the collection of Mr. and Mrs. Ralph Bass of Vermillion, S.D., offered an outstanding contrast to the couple's adjoining case of intricately marbled Mexican lace.

Craftsmen making jewelery, painting miniature pictures on stone and arranging colored sands in glass bottles or lamp bases gathered crowds around them as they worked.

Friday's activities feature open lectures on "Archeology of the Midwest" and the "Pleezy Monster Dig", among others.

And the day will close with dancing at 9 p.m. to the Oliver Hotsie Totsie Polka Band.

SOUTHEAST LINCOLN SUN

Lincoln, Nebr., Wednesday, June 12, 1974

Published weekly at 2145 No. Cotner Blvd. Lincoln, Nebr. 68505

Volume 13—Number 30

With lights flashing, bells ringing John Lewis demonstrates stone cutter

Rows of switches, flashing lights and other pieces of scientific paraphanalia cover the machine. Wearing a laboratory jacket and a wig which makes him look like a brunette Alfred Einstein, the machine's inventor, John Lewis, steps on stage and prepares to demonstrate his Astro-Electron Jewel and Cabachon Maker.

Lewis takes a piece of uncut obsidian (volcanic glass) and places it inside the machine. The cabachon maker erupts into a frenzy of ringing bells, spinning dials and clanking sounds. Then, with a puff of smoke to finish things off, Lewis reaches into the machine and pulls out a perfectly cut and polished obsidian cabachon.

"Cabachon" describes the cut of stone. When finished cabachons are oval-shaped and resemble the stones on which cameos are frequently engraved.

Those attending the National Gem and Mineral Show and Convention in Lincoln will have a chance to watch Lewis' demonstration at the state fairgrounds convention site Thursday through Sunday, June 13-16. Astro-Electron Jewel and Cabachon Maker demonstrations are set for: 4 p.m. Thursday; 3:30 and 8 p.m. Friday; 11:30 a.m., 4 and 8 p.m. Saturday; and at 1 p.m. Sunday. They will all take place in Room 2, under the administration building.

The cabachon maker, Lewis said, had its beginnings about 15 years ago. At that time, his son's cub scout troop needed something to use as a rocket launcher in a cub scout circus.

Lewis, a science teacher at Goodrich Jr. High, built a rocket pad for the scouts. After the circus, he began adding things to it and started taking it to meetings of the Lincoln Gem and Mineral club. What started out as an 18 inch square rocket pad has now grown into a cabachon maker that stands about six feet high.

"I never throw anything away," Lewis, 6225 Judson st., said. "I'm always putting things on it and never taking anything off, so it just kind of grew."

After showing it to the gem and mineral club, Lewis began to give demonstrations at the club's annual show. Lately, the demand has gotten so great, Lewis has been asked by gem clubs in other states to take the machine on tour.

But, he said he's not interested in traveling around the country with it. Besides, he said he doesn't want it to become so common people get bored with the demonstration.

The cabachon maker defies description. It is composed of discarded toys, auto parts, washing machine pieces and surplus army equipment.

It is topped by a "Jacob's Ladder," because scientific things "always have a Jacob's Ladder," Lewis said.

On the front is speedometer which is calabrated in s.p.h. (stones per hour). Lewis said he used to run the machine as fast as it would go, but now he limits it to 55 s.p.h. in order to conserve energy.

Another set of dials is an electric meter which not only records the amount of electricity the machine takes, but with a flick of a switch, Lewis can miraculously return all the electricity he uses. At least that's what the dials show as they spin backwards to where they started.

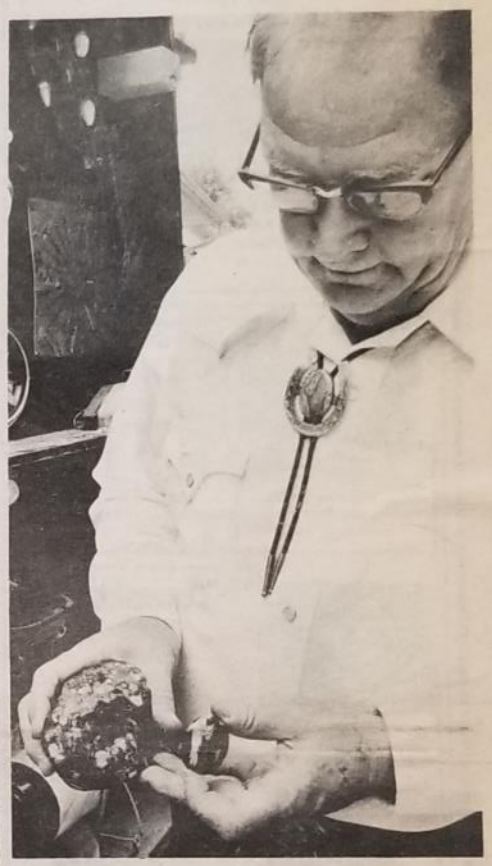
As the machine grinds into action, puffs of rock dust come shooting out a pipe in the front of the cabachon maker. The dust, Lewis said, is rock dust created when the stones are cut. But, as the "rock dust" comes out it spells suspiciously like talcolm powder.

Some may believe Lewis' machine is a hoax, but when he pulls a perfectly formed cabachon out of the contraption, many are convinced it actually does the job.

Does it really work?

Lewis is evasive, but the finale of his performance gives a hint.

"If you really believe everything I've said, maybe you need this," he says as he pulls a cord and roll of toilet paper comes flying over the back of the machine.



Before and after . . . In his right hand Lewis holds a piece of uncut obsidian, while in his right is an obsidian cabachon taken from his machine. (SUN Staff Photo).

Grinding away . . . as rock dust shoots out the front Lewis watches and waits for the machine to do its job. (SUN Staff Photo).

The Astro-Cab Maker was a special feature.

The Awards Banquet

2B June 16, 1974, Lincoln, Neb., Sunday Journal and Star

Mount Rushmore Sculptor Wants to Finish the Dream

If you had a large share in the carving of figures of the four presidents enshrined on a grantite cliff at Mount Rushmore, you'd sit back and revel in the achievement.

Right? — Wrong.

Lincoln Borglum, who with his father Gutzon Borglum carved Mount Rushmore National Memorial in South Dakota, isn't satisifed yet.

He is meeting next week with members of the National Park Service to discuss changes in the parking facilities and tourist shops at the monument and the completion of his father's dream.

Borglum was in Lincoln Saturday to address the National Gem and Mineral Convention and Show

When the Rushmore project ran out of money in 1941, only the faces of the presidents were complete The original plan called for the figures to be complete to the waist

Borglum said he is satisfied with the sculptures as they are, but that was only half of his father's dream.

There is a valley behind the well known cliff, Borglum said, and his father envisioned a Hall of Records to be chisled into the valley hall.

"All the imporant records of this civilization would be carved into the rock of the hall," he said.

Monuments like those at Easter Island and Stonehenge have survived, Borglum said, but archeologists are left to puzzle over their meanings.

"The monument will survive for at least 200,000 years," he said. "And the records would probably survive longer."

The hall was begun before the money ran out, Borglum said, and if funding can be found it would eventually measure roughly 80 x 100 feet with a 30-foot ceiling.

Borglum also proposes that the tourist shop at the base of the monument and the parking facilities be moved two or three miles from the site, with busing used to transport tourists to the monument.

"It would add to the dignity," he said.

Parking facilities are becoming inadequate now, he said, and there is no room to expand them. He said the Park Service has shown favorable response to his ideas.

Borglum's father was brought up in Nebraska, but Lincoln Borglum, who now lives in Texas, never lived in the state.

Lincoln Borglum, who completed Mount Rushmore, now wants to complete his father's dream.

Borglum's Ranch Studio was recently opened near Hermosa, S.D., according to Borglum, and interested people can view the work of both Borglums, including the start of the records which were planned for the hall.

Borglum isn't a member of the Gem and Mineral Club, but he has done much work with gem sculpturing, he said, including his current work carving a 22,400-carat ruby crystal found recently in Africa.

When asked if it was difficult to return to normal sculpture after working on a project the scale of Mount Rushmore, Borglum said:

"Art is a state of mind — each work is envisioned separately."

Lincoln Borglum
at the Podium

There was a Wha-a-a-at at the Show?!

12 Lincoln, Neb. Journal Thursday, July 11, 1974

METRO-AREA

Gem Show's Noisy Visitor Now in Zoo

An uninvited visitor to the National Gem and Mineral Show in Lincoln a few weeks ago is now at home in the Chicago Zoo.

Lincoln zoo personnel were called to the show to investigate a suspicious noise coming from a piece of hollow wood that had been picked up in South Dakota and was being used as part of a display.

The investigation revealed a three-and-one-half foot rattlesnake resting among the cracks in the wood. The snake, according to zoo personnel was "very much alive and carefully removed."

It was sent to Chicago because the Lincoln zoo does not house poisonous reptiles.

THE PICK & SHOVEL - - - Volume 15, Issue 6, Page 8 - - - DECEMBER 1974

A RATTLESNAKE STORY

Do you remember all the excitement over an unwelcome visitor we had at the 1974 National Show? There were several accounts concerning it in newspapers all over the country. Having been a teacher for a good many years, your editor has an inquiring mind, and likes to get at the source of information, so a letter was sent to Hermens Kolski of Great Falls, Montana, who was said to be the owner of a case which contained a rattlesnake. Everyone wondered how a snake could be concealed (they said in a piece of driftwood) and become active during the Show. There was a lot of speculation, and many theories evolved; the most plausible one was that the snake had been hibernating in the piece of driftwood and became active from the warmth of the lights in the case. How such a story got started is rather a puzzle.

The true story, told by Ben and Eileen Kolski, appears on a cassette tape sent in reply to the letter. Mrs. Kolski explained in her letter which accompanied the tape that she had spent most of her time working for Apex Minerals from British Columbia. Since she was busy most of the day, her husband, Ben, their son Ben M. and Daughter Eileen took in the Show together. Ben had cabs in competition, she had Montana agate cabs on display, and Ben M., a geology major in his fifth year at the Montana College of Mineral Science and Technology, and Eileen, a cashier at the Lake Hotel in Yellow Stone National Park, had many onyx figures and a chess set exhibited. It was while they were at the swapping area that the snake incident occurred.

An old man, with a long beard, carrying a cage containing a live rattlesnake, approached Mr. Kolski and said he wanted to trade the snake for rocks. He explained that he had captured the snake while hunting rocks in the Bad Lands of South Dakota and decided to bring it to the Show for swapping. Mr. Kolski said that he didn't want to swap rocks for a rattlesnake--he had no way of taking care of it. The old gentleman apparently remained at the swapping area for quite some time, becoming very insistent that the trade be made. Finally he threatened to kill the snake and eat it for his supper! Eileen, being an animal lover and also of a sympathetic nature, said this must not happen. If no one would swap rocks for the snake some means must be devised to save the snake from being eaten. The Antelope Zoo was contacted, but they said they had no facilities for caring for poisonous reptiles. Finally they agreed to come and rescue the snake, and send it on to the Chicago Zoo. Thus this very unusual story ends in a happy manner, as all good stories should--the snake wasn't eaten, and the old man finally succeeded in swapping the snake for some obsidian.

Both Mr. and Mrs. Kolski expressed how much they had enjoyed the Show and how much they appreciated the friendliness and hospitality shown. Mrs. Kolski ends her letter: "OUR HATS ARE OFF TO ALL OF YOU."

The tape and letter will be placed in our 1974 National Show History File.

Letters of Commendation

These are only a few of the typical remarks that were received from many clubs and individuals.

American Federation of Mineralogical Societies, Inc.

July 1, 1974

OFFICERS 1973-74

MRS. GLENN (Dorothy) LEE
President
704 S.W. 31st Street
Pendleton, Oregon 97801

MRS. RUSSELL (Mary) ANDERSON
Executive Vice President
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Bingham Canyon, Utah 84006

GUS MEISTER
Treasurer
380 Anna Marie Street
Altadena, California 91001

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Secretary
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Arlington, Virginia 22207

DONALD B. LANGSTON
Regional Vice President
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Regional Vice President
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Southfield, Michigan 48075

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MRS. PEGGY NORTON, Secretary
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North Hollywood, Calif. 91607

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DAVID E. JENSEN, President
MRS. WILMA D. BONAR, Secretary
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Odessa, Florida 33556

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9425 Paula
Corpus Christi, Texas 78410

NORTHWEST
A. J. BYBEE, President
MRS. HELEN SWEARINGEN, Secretary
P. O. Box 74
Port Townsend, Wash. 98368

Mr. Ralph L. Ulrich, President
Lincoln Gem & Mineral Club, Inc.
P. O. Box 5342
Lincoln, Nebraska 68505

Dear Ralph and Lincoln Club Members:

Congratulations to you and all the Lincoln Gem & Mineral Club members on the tremendously successful 1974 National Gem & Mineral Show held in Lincoln June 13-16.

It was obvious to everyone, I'm sure, that you were extremely well organized and had worked hard for several years to make this one of the biggest and best National Shows ever held.

The facilities at the Nebraska Center, the Show Headquarters, were excellent, including the auditorium provided for the Cracker Barrel Session and the AFMS Annual Meeting, the motel rooms, the banquet and other social functions, as well as the restaurant facilities.

The Commemorative Stamp Ceremony, held in the open air pavilion at the Fair Grounds, was very well handled and the consensus of opinion was that it was a most impressive program and a fitting tribute to all in the AFMS who had worked so long and hard for the issuance of a Mineral Heritage Stamp. It was a privilege to take part in the ceremony and I shall treasure the portfolio containing a page of the Mineral Heritage Stamps.

We felt the publicity committee, under Marie Wells, did an outstanding job of coverage of the entire affair and they should be commended for their efforts.

There were many excellent competitive and special exhibits for our viewing pleasure and a good variety of dealers for our buying pleasure.

It was an honor to have Lt. Governor Marsh and Lincoln Borglum attend the banquet.

CALVIN M. GEORGE
5 S 144 WEBSTER STREET
NAPERVILLE, ILLINOIS 60540

June 18, 1974

Dear Ralph,

Harriet and I arrived home safely and in good shape last evening. One of the nicest things about our homecoming was the feeling of pleasure we both had for the wonderful week we had enjoyed at your Show. Thank you so very much for a most pleasant vacation. We both enjoyed it so very much.

I hope you'll be able to make it to the Fall Executive Meeting in November so we'll be able to reiterate our appreciation!

Sincerely,

Cal

Trudy Houser

June 27, 1974

Dear Ralph,

I would like to express my thanks and appreciation to you and your club for all you have done in preparation of the big Show in Lincoln. Only those who have done this before can understand the effort and perseverance it takes to put on a show as successful as yours. Those who have this task ahead of themselves can learn from you. The organization of it all was excellent and as far as I can judge everything went off without a hitch. I enjoyed the show to the fullest, last not least the city tour Mrs. Mowrey took us on.

Now you can rest — till we meet again. We went fossil hunting for two days unsuccessfully, ended up in Omaha for one night. On July 10th I'll leave for Texas and a 2 weeks tour through Colorado, taking in the Colorado Springs Show.

Regards, Trudy

SET RECORDS AT LINCOLN

The National Show in Lincoln, Neb. last June broke some previous records. There were 429 individual exhibitors for a total of 733 displays. 46,000 people attended during the four day show. 570 attended the awards banquet and there were 206 at the editors' breakfast.

The American Federation Newsletter
Nov. 1974

Post-Show Seminar

Sharing the Profit with MWF

WE SHARED OUR KNOWLEDGE AND EXPERIENCE WITH OTHER CLUBS. EACH DIRECTOR RECEIVED A LETTER SUCH AS THIS, AND ABOUT FIFTY PERSONS ATTENDED THE SEMINAR.

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342 Lincoln, Nebraska 68505

HOST TO

NATIONAL GEM AND MINERAL SHOW, June 13–16, 1974

"The Place to Go in '74"

Members of

and Community Arts Council of Lincoln

May 14, 1974

Mr. Roger Pabian
300 Sycamore
Lincoln, Nebraska 68510

Dear Roger:

One of the important functions of our Club is to study, promote interest in and disseminate knowledge of lapidary and various earth sciences, and provide education in these areas.

The various shows and swaps, and particularly this one with its nationwide scope have become a significant function of our hobby. It is a very effective method of providing an opportunity for learning not only to the experienced rock hound, but also to the uninitiated enthusiast.

With these thoughts in mind, we have scheduled a "Showman's Seminar" for Friday, June 14, at 5:00 p.m. in Room No. 1, Administration Building. The purpose of this meeting will be to share our knowledge and experience with those who are interested in improving the quality of these shows and swaps. We expect some in attendance who are directly involved in planning a show to be held in the near future. This seminar will be conducted as an educational activity. It is not a session for airing anyone's personal gripes or for hearing complaints.

You have participated constructively, and with an open mind, in the planning and promotion of this comprehensive nationwide Gem and Mineral Show - the greatest of its kind. The knowledge and experience you have gained are quite valuable. I feel sure that you will wish to share it with others who need it so much.

Please arrange your schedule so you can attend the Showman's Seminar on Friday, June 14th at 5:00 p.m. and help with the discussions.

Very truly yours,

Ralph L. Ulrich

Ralph L. Ulrich
Chairman, Steering Committee
1974 Show Project

Field Trips

We again published and distributed a Field Trip Guide this year. We believe these guides serve a two-fold purpose. They are an invitation to other clubs to participate in our own field trips and they may also help individuals who are looking for hunting areas to locate some new and interesting spots.

The American Federation "Code of Ethics" was included in our guide so that prospective hunters would be familiar with its good advice and guidance.

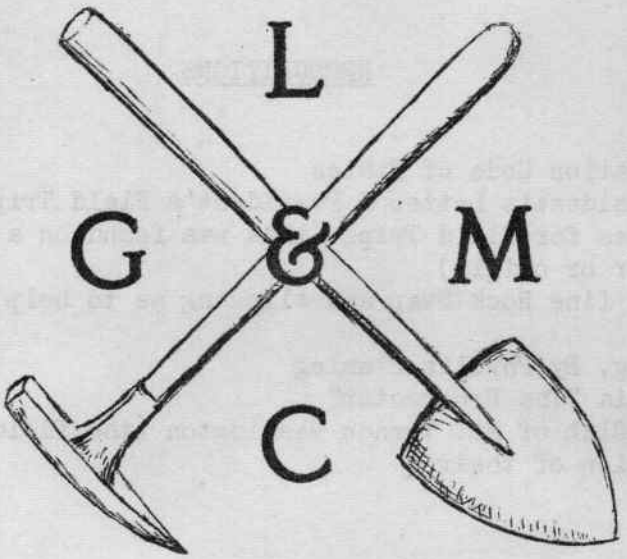
The general safety rules for field trips were included with the hope that all would read and heed and return home happy and uninjured.

The President's Field Trip was planned so that a variety of specimens could be collected from various areas in Wyoming, South Dakota, and Nebraska. We found that the landowners who had given us permission to hunt on their land were very much interested in our hobby. We made a few new friends for rock-hounding. The trip ended at Crawford, Nebraska, so that we could attend their annual show and participate by exhibiting. Several of our Club members set up displays of material they had collected on the President's Field Trip.

The number of Club field trips was necessarily fewer this year--only five--because we were occupied with the National Show during the first half of the year.

THE PICK & SHOVEL

FIELD TRIP GUIDE



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

All of these credits may not be completely accurate as most were taken from a huge file of clippings from many bulletins and some listed many sources. If the original source is in error, please forgive me and drop me a line on a postcard so that it may be corrected.

Thank you,
Larry E. Bigley
6126 Hartley
Lincoln, Nebaaska
68507

RECOGNITIONS

The American Federation Code of Ethics
Roger Pabian - President's Letter & President's Field Trip
General Safety Rules for Field Trips (this was found on a single sheet of paper with no author or origin)
Don Carter - for a fine Rock Swap and allowing me to help by providing the field trips
The Art of Swapping, By Phyllis Fleming
Old Miners Rule, Via "The Prospector"
Skagit Rock & Gem Club of Mt. Vernon Washington (the field trip reports are a modified version of theirs)

CONTENTS OF GUIDE

Recognitions & Table of Contents.....Page 1
Field Trip Chairman's Message.....Page 2
Club President's Letter & Trip.....Page 3
American Federation Code of Ethics.....Page 4
General Safety Rules for Field Trips.....Page 5
Old Miners Rule.....Page 5
1973 Field Trips.....Pages 6-7-8
The Art of Swapping.....Pages 9-10
Rock Swap Chairman's Letter & Trips.....Page 10
Field Trip Reports (members copy).....Page 11
Field Trip Reports (field trip chairman's copy).....Page 12

FIELD TRIP CHAIRMAN'S MESSAGE

I would like to start by thanking all who have helped and encouraged me to compile and complete this Field Trip Guide. First the Board of Directors for appropriating the money to publish. Jim and Phyllis Parks - Jim for allowing me to have part of Phyllis's time from his business and Phyllis for helping me to print and teaching me to run the printing machine. Don Carter for his encouragement and contributions to the Guide. Roger Pabian for changing his Presidents Trip (whatever his reasons) so my family and I can take our vacation. And last and most my wife Marita for encouragement, typing copy, typing stencils, correcting my spelling and just for being close when I needed her. Thank you one and all.

After being a member of this club for just a short time I have come to realize what a family affair the field trips are. So please let us continue to help each other out on our trips and let's not forget to help and instruct the youngsters who accompany us.

I would like to ask that all of the members be especially courteous to the land owners, after all it is only with their permission that we are there. Also while on a trip please follow the instructions of the trip leader whether it be myself or someone subbing for me that day. This I'm sure will make the trips so much more enjoyable for everyone.

While on the field trips we may find it necessary to caravan from one location to another. When on public roads we will probably travel at a speed lower than the posted limit. So when we are in caravan please leave ample room for faster moving traffic to pass between us. Remember, trucks are traffic too and they need plenty of room. Don't worry, no one is going to get lost. When making a turn the proper method is for the vehicle ahead to slow down after his turn and make sure that the vehicle behind can see where he has gone. Another bonus that our club has is that several members have two-way radios and by properly spacing them in the caravan everyone can be kept in close contact with one another.

The Field Trip Report pages are being provided for you to use on field trips other than the club trips. Any trips that you take on your own, you can make a duplicate copy and at the end of the year turn it in to the field trip chairman. This will certainly make planning future trips easier and much more profitable to fellow club members. Also, after our club trips the trip leader will fill out a complete report to be put on file. It will also be his responsibility to write up the trip for our bulletin, "The Pick & Shovel".

A special message to any fellow rockhounds who may receive a copy of our Field Trip Guide, if you wish to contribute please mail the yellow sheet back to us. The address is - Lincoln Gem & Mineral Club, Box 5342, Lincoln, NE 68505. Please don't forget your name and address and that of your club.

Thank you,

Larry E. Bigley

Larry E. Bigley
Field Trip Chairman

THE PRESIDENT'S FIELD TRIP, 1973

The President's Field Trip will be held from August 15 through August 19, 1973 in the favorite Crawford, Nebraska, area. Traditionally this trip has been held on Labor Day Weekend. There are several reasons for the change of date. For many of our club families, both public and parochial schools will be holding classes on the traditional Labor Day week. This fact alone eliminates a large number of eager, would -be participants. To retain the family atmosphere, the change is desirable. Secondly, our friends at Omaha are hosting their annual show during the Labor Day weekend. Our aim as a club should be to support as many other clubs activities as we possibly can. Since our member's should not miss the fine Omaha show, the second reason also helps justify the change. Thirdly, on August 18 and 19, our friends at Crawford will be hosting their annual show. The new dates not only give the field trippers a chance to visit this excellent show but also gives us each a chance to participate in it by taking a display to it.

A full agenda of collecting is planned. Those members of ours who are familiar with the Crawford area will help out the many new members. Those collectors seeking cutting materials will have a good chance for Fairburns, Blue Chalcedony, Prairie Agate, and the plethora of cutting material available in the area. Useful equipment will include a plastic bucket with some water in it.

Mineral collectors will have a stab at the ever popular chalcedony rosettes and a number of other materials, including gypsum, celestite, barite, and specimen grade chalcedony.

Though the area abounds with fossils, I will request that our members refrain from taking the "Skull only" or "teeth only" of any of the fossils they find. Such a practice of removing just the skull or teeth of an animal is destructive to both the fossil and the reputation of the hobby. A number of our members are skilled in the art of casting vertebrate fossils---their knowledge will be made available to all of the club members.

On Thursday evening, August 16, the participants in the trip will have a picnic supper at the Fort Robinson State Park. This will be a semi-pot luck, each family bringing a dish, but furnishing its own meat. On the evening of August 17, those members having brought displays for the Crawford show will set up.

The schedule will be as follows:

August 15, 0700, meet at Fort Robinson Parking lot, head out soon thereafter for a day of collecting.

August 16, more collecting, picnic supper at 1900 hours.

August 17, more collecting, set up at Crawford show in the evening.

August 18, more collecting, Crawford Show.

August 19, more collecting, Crawford show, disperse, and return home, end of trip.

All of the field trippers in the club should plan on taking part in this trip. A good deal of nice material will be turned up but you won't find any if you don' go. See you there. Drive carefully there and back. We need you for the September meeting.

Roger Fabian,
President

THE AMERICAN FEDERATION

CODE OF ETHICS

I will respect both private and public property and will do no collecting on privately owned land without the owners permission.

I will keep informed of all laws, regulations, or rules governing collecting on public lands and will observe them.

I will, to the best of my ability, ascertain the boundry lines of property on which I plan to collect.

I will use no firearms or blasting material in collecting areas.

I will cause no wilful damage to property of any kind -- fences, signs, buildings, etc.

I will leave all gates as found.

I will build fires in designated or safe places only and will be certain they are completely extinguished before leaving the area.

I will discard no burning material -- matches, cigarettes, etc.

I will fill all excavation holes which may be dangerous to livestock.

I will not contaminate wells, creeks, or other water supply.

I will cause no wilful damage to collecting material and will take home only what I can reasonably use.

I will support the rockhound project H.E.L.P. (Help Eliminate Litter, Please) and will leave all collecting areas devoid of litter, regardless of how found.

I will cooperate with field trip leaders and those designated in authority in all collecting areas.

I will report to my club or Federation officers, Bureau of Land Management, or other proper authorities, any deposit of petrified wood or other material on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.

I will appreciate and protect our heritage of natural resourses.

I will observe the "Golden Rule," will use "Good Outdoor Manners" and will at all times conduct myself in a manner which will add to the stature and public image of rockhounds everywhere.

LET'S ALL FOLLOW THESE RULES...ON CLUB TRIPS AND WHEN WE ARE ALONE!

GENERAL SAFETY RULES FOR FIELD TRIPS

PREPARATION

1. Do not start short of rest on your trip - sleepy and with nerves all jangled and on edge.
2. Check car for possible defects; check water, oil, battery, and tires.
3. Carry plenty of water--at least one (1) gallon per person per day.
4. Carry food for entire trip plus some extra for emergencies.
5. Have warm as well as cool clothing, first aid kit, snake bite kit, and sun tan cream.
6. Always have your identification with you and on some of your gear.
7. Miscellaneous equipment should include a shovel, car jack (hydraulic), and tow rope or chain, pocket knife, matches, and possibly an axe or hachet, and police whistle.
8. NOTIFY SOMEONE WHERE YOU ARE GOING AND WHEN YOU EXPECT TO RETURN.

ENROUTE

1. Drive carefully--don't take chances.
2. Don't follow too closely--rocks flipped up by the car ahead may break your windshield and dust may obscure your vision and choke your breathing--stay back a safe distance.
3. Have a companion act as navigator--this leaves the driver free to concentrate on his driving.
4. Slow down during inclement weather.
5. If in a caravan, keep the car behind in sight so as to keep together.

AT THE SITE

1. Park so that all cars can get out--don't block the exit.
2. Don't camp in washes or dry stream beds (flash floods).
3. Wear well-broken-in ankle high shoes or high boots which support the ankle and provide protection against sharp rocks and snake bite. Heavy wool stockings will prevent blisters. Gloves, sun glasses or glare and/or other protective glasses for use when breaking rocks.
4. Wear long trousers or slacks and a shirt with long sleeves, and a hat for protection against sunburn, insects and vegetation.
5. If camping on the ground, inspect shoes and clothing for insects before putting them on in the morning.
6. Do not shoot firearms in the area of the field trip. Bullets ricochet and may hit someone over the hill out of your sight.
7. Keep a look-out for rattlesnakes and/or scorpions. Never reach or tread where you cannot see.
8. Break all matches in the fingers before discarding.
9. Break your cigarette before discarding and then crush it out on the bare ground.

AN OLD MINERS RULE

While a miner's tools, equipment and personal property remain in or next to a digging, that digging is his until he relinquishes it either by removing said property or announcing that he is finished digging in that area. Furthermore, any material, specimens or rocks cached on or near with said personal property are also the property of the miner, and shall not be touched or removed without his express permission. Via: The Prospector.

FIELD TRIP SCHEDULE -- 1973

DESTINATION: Weeping Water, Nebraska
DATE: April 29, 1973 TIME: 10:00 A.M.
REGISTRATION SITE: Weeping Water Park
ROUND TRIP MILEAGE: About 180 miles
MATERIAL TO BE OBTAINED: Fossils and possibly some minerals
EQUIPMENT FOR THIS TRIP: Rock picks, sledges, chisels, cracking hammers, hard hats, safety glasses, and containers for specimens
POSSIBLE SITE HAZARDS: Rock overhangs, steep inclines & water
COMMENTS: Please be careful as some of these sites are being worked and some are old and have decaying limestone. Remember DON'T TOUCH WIRES!

DESTINATION: Beatrice, Nebraska
DATE: May 6, 1973 TIME: 9:00 A.M.
REGISTRATION SITE: Indian Creek Mall on the north edge of Beatrice
ROUND TRIP MILEAGE: About 100 miles
MATERIAL TO BE OBTAINED: We will be searching gravel pits for agates, wood, and bones.
EQUIPMENT FOR THIS TRIP: Small boxes, buckets or shoulder bags
POSSIBLE SITE HAZARDS: These are working sand and gravel pits so stay away from the waters edge because of slide possibilities.

DESTINATION: Cherokee, Oklahoma
DATE: May 26 - 29, 1973 TIME: 7:30 A.M. May 26, 27, & 28th
REGISTRATION SITE: City Park in Cherokee
ROUND TRIP MILEAGE: About 850 miles
MATERIALS TO BE OBTAINED: Selenite Crystals
EQUIPMENT FOR THIS TRIP: Shovels, cans for washing sand, suntan lotion, sun-glasses, old clothes, hats for sun
POSSIBLE SITE HAZARDS: Hot glaring sun & salt--take plenty of water to site. Also be sure to take jackets as I understand a cloudy and rainy day can be quite cool. Be sure to wash your vehicles as soon as you possibly can because of the salt.
COMMENTS: Round trip mileage was figured using these routes. I-80 Lincoln to York, U.S. 81 South to Minneapolis, Kansas. Then I-35W South to Wichita where you will pick up the KTA Turnpike (toll road) continue South on interstate to Blackwell, Oklahoma turn off. Take Oklahoma Hiway 11 West to intersection of Hiway 8, take Hiway 8 South 2 miles to Cherokee.

For those who want to camp out, camping is available on the east side of the Great Salt Plains Reservoir. This is a Federal camp site grounds.

A call to the Plains Motel has given us this information for those who need accomodations: Single - color T.V. - $7.00
Double - color T.V. - $9.00 B&W T.V. $8.00
2 Double beds T.V. - $14.00
BAC accepted
There are 20 units at this motel. Anyone wishing to make reservations call Mr. Harms at 112-405-596-3311 in Cherokee, Oklahoma.

FIELD TRIPS cont.:

DESTINATION: Norfolk, Nebraska
DATE: June 16-17, 1973 TIME: 10:00 A.M.
REGISTRATION SITE: Johnson Park in Norfolk
ROUND TRIP MILEAGE: About 250 miles
MATERIAL TO BE OBTAINED: Wood, brown chalcedony, Indian artifacts, mammoth bones and teeth
EQUIPMENT FOR THIS TRIP: Shovels, rock hammers, chisels, containers, and/or shoulder bags

DESTINATION: Plattsmouth, Nebraska
DATE: June 24, 1973 TIME: 9:30 A.M.
REGISTRATION SITE: Road intersection on Hiway 34 one mile east of Hiway 75 South of Plattsmouth
ROUND TRIP MILEAGE: About 125 miles
MATERIAL TO BE OBTAINED: Trilobites, assorted fossils, & colored calcites
EQUIPMENT FOR THIS TRIP: Hard rock equipment & carrying containers, hard hats and safety glasses
POSSIBLE SITE HAZARDS: Rock overhangs, steep inclines, & rough roads

DESTINATION: Fullerton, Nebraska
DATE: July 8, 1973 TIME: 10:00 A.M.
REGISTRATION SITE: Fullerton Park
ROUND TRIP MILEAGE: About 225 miles
MATERIAL TO BE OBTAINED: Petrified wood, common opal, & jasper
EQUIPMENT FOR THIS TRIP: Collecting containers
POSSIBLE SITE HAZARDS: Sand & gravel pit area - stay away from waters edge because of slide possibilities.

DESTINATION: Marysville, Kansas
DATE: July 21, 1973 TIME: 9:30 A.M.
REGISTRATION SITE: Port of entry station on Hiway 77
ROUND TRIP MILEAGE: About 180 miles
MATERIALS TO BE OBTAINED: Pink gypsum & satin spar
EQUIPMENT FOR THIS TRIP: Rock hammers, chisels, pry bars, large containers
POSSIBLE SITE HAZARDS: Fee site - $3.00/bushel, creek fording, make sure all gates are closed because of livestock. Dense underbrush, old clothes because we will be working partially in the creek. If owner will join us we'll have the possibility of seeing a log cabin, if not please do not trespass. For lunch we have a beautiful meadow to eat in. Please do not litter!

August 4, 1973 Please see the Rock Swap section. I request help on these trips as they are for out of towners who are visiting us. All members are welcome to accompany us.

August 15 - 19, 1973 Please see the President's Trip page for information on this outing.

FIELD TRIPS cont.:

DESTINATION: For what we have to do...
DATE: September 1, 2, 3, 1973
MATERIAL TO BE OBTAINED: This trip is to obtain material for favors for the 1974 show. As time progresses I will know more of what the other clubs throughout the state will be contributing. This is a Holiday weekend & I realize some of you will be in areas that materials will be needed from. I would like to ask that those of you who are planning trips for this weekend to please contact me and donate a small part of your time on this club project.

DESTINATION: Fairbury, Nebraska
DATE: September 16, 1973 TIME: 9:30 A.M.
REGISTRATION SITE: Fairbury Park
ROUND TRIP MILEAGE: About 150 miles
MATERIAL TO BE OBTAINED: Selenite crystals & clusters, marcasite - nodules & massive, carbonized limb casts & leaf fossils
EQUIPMENT FOR THIS TRIP: Containers large & small, paper & tape, hard rock equipment
POSSIBLE SITE HAZARDSL This location is directly off the Hiway so please look twice for oncoming traffic. Also there is a high bluff and soft steep inclines in the area. Be extremely careful of footing and falling chunks of hard dry clay. Hard hats and safety glasses are definitely recommended!

MORNING DESTINATION: Odell, Nebraska
DATE: September 30, 1973 TIME: 8:30 A.M.
REGISTRATION SITE: Hiway 8 intersection at Odell
ROUND TRIP MILEAGE: 110 miles
MATERIAL TO BE OBTAINED: Barite roses, Odell diamonds
EQUIPMENT FOR THIS TRIP: Tweezers, small containers, clothing per weather
POSSIBLE SITE HAZARDS: Water shed lake & dam, sore knees

AFTERNOON DESTINATION: Wymore, Nebraska
Leave Odell - 11:30 A.M. Arrive Wymore for lunch - 12 noon
One hour lunch, rest break & registration at park
There are two sites at Wymore:
Site 1 - The Old County Quarry
MATERIALS TO BE OBTAINED: Various colored calcites, & other minerals
POSSIBLE SITE HAZARDS: Rock overhangs, sore backs, hard hats and safety glasses a must
Site 2 - Emerson Farm (this is a fee site, approximately $1.50/person)
MATERIAL TO BE OBTAINED: Blue celestite geodes
POSSIBLE SITE HAZARDS: Poison ivy, a creek, sore backs
EQUIPMENT FOR THESE TWO SITES: Sledges, rock picks, pry bars, wedges, paper to wrap specimens, containers & tape

THE ART OF SWAPPING

By Phyllis Fleming

Swapping can be lots of fun if you know how. Most rockhounds swap with friends and club members all the time but get cold feet at the very thought of swapping with strangers at shows or swapfests. This can be the most fun of all if you know how to go about it. Aside from the fun, it is one of the most painless ways to recognize cutting material, minerals, etc., that I have ever found.

The first rule is: Leave the crud at home..... . If you don't want it, what makes you think somebody else does? Take a good variety of material with you, and a few extra pieces. Your first thought is "I'll be taken; I don't know the value of what I have". You're right, you'll probably get the short end of a lot of trades! But you will also come home with several extra nice slabs or specimens to add to your collection. Chalk the first one up to the price of learning. It's worth it, and you now know which is your most desirable material.

You don't need to know the dollar value of a piece of material unless you are a dealer. What you do need to know is the quality and/or rarity of the material being offered to you. Once you have learned this there will be no hesitation in your decisions. You can't afford to dwaddle because someone else will have that good piece before you make up your mind.

Bring at least three grades of material. Take one plastic dishpan full of slabs. Some cabbing quality, some good only for tables. Trade this group one for one. Forget about value. This keeps trading active and helps the beginners gain confidence in themselves. The second group, be a little more particular about. The third group, which is your premium group, should be traded for something outstanding and something you want. Try not to duplicate something you have in your collection.

Now you have arrived at the swapping area and have been assigned to a spot. What will you do now? Put your materials out, but keep your prizes in the car? Then look over the tables and see if there is anything you want to trade your prizes for? Well, I've got news for you. You're not as clever as you thought. Ninety percent of the ones there have done exactly the same thing! Put all of your material on display and learn to say "No" if you are not satisfied with the trade offered. After all, it is easier to tell a stranger "no" than a friend. Then soften the blow by telling him you will trade anything in group 1 or 2 for what he has. Don't let the pitiful old man in the baggy overalls fool you. He'll pick out a prized slab of plume agate and offer you an Apache tear for it and it will nearly break your heart. Keep him digging in his knapsack until he comes up with something you want or until he decides that he just might have something better in his camper. Then set aside the things he wants and wait until he gets back before you trade them off. You'll be amazed at the lovely crystals he'll come back with... Then, trade!!!

I prefer to do my swapping with rockhounds and my buying from dealers. If you are a beginner or for some reason couldn't bring material with you, buy a few slabs or etc., from a dealer and start swapping. I know a girl that bought two slices of Brazilian agate and two nodules (Mexican) which she had sawed free in the working exhibit and traded all afternoon in a federation show.

When you're swapping, swap. Don't sell. Then everyone is on an equal footing. When you are approached by someone who wants to buy, give him your name and address and offer to trade by mail. If they are sincere, you will hear from

THE ART OF SWAPPING cont.:

them, and if they are just taking the easy way out you won't be bothered by them again.

Beware of the "sharpie" that snatches a good specimen when you are busy trading with someone and says that he wants this and to come down to his table and pick out something when you have time. Just take it out of his hand and set it back down, and tell him you will be there in a minute to see what he has. Nine times out of ten, he has crud on his table. He is operating on the idea that "Possession is nine tenths of the law" and gambling that your too well mannered not to let him keep it even if it isn't an even trade.

Don't let actions like this discourage you. People are people, no matter where you are or what you're doing. Just learn to cope with them pleasantly.

ROCK SWAP CHAIRMAN'S MESSAGE

On August 4th & 5th the Lincoln Gem & Mineral Club will have its annual Rock Swap at the National Guard Park 10th & Military Road.

Our Field Trip Chairman Larry Bigley has two fine field trips lined up for Saturday and Sunday Afternoons. One for fossils and one for cutting material. Saturday night we will have a watermelon feed also entertainment by Olivers Polka Band.

By having the swap at this time of year we should have alot of people back from vacation with alot of material they have collected. So bring some of your goodies and join us for two days of fun. For more information contact Don Carter, 1101 Driftwood Drive, Lincoln, Nebraska 68510, or phone 489-3442.

DESTINATION: Weeping Water, Nebraska
DATE: August 4, 1973 TIME: 10:00 A.M.
REGISTRATION SITE: Rock Swap Site
MATERIALS TO BE OBTAINED: Fossils and possibly some minerals
EQUIPMENT FOR THIS TRIP: Rock picks, sledges, chisels, cracking hammers, hard hats, safety glasses, and containers for specimens.
POSSIBLE SITE HAZARDS: Rock overhangs, steep inclines & water
COMMENTS: Please be careful as some of these sites are being worked and some are old and have decaying limestone. Remember DON'T TOUCH WIRES!

DESTINATION: Beatrice, Nebraska
DATE: August 5, 1973 TIME: 10:00 A.M.
REGISTRATION SITE: Rock Swap Site
ROUND TRIP MILEAGE: About 100 miles
MATERIAL TO BE OBTAINED: We will be searching gravel pits for agates, wood, and bones
EQUIPMENT FOR THIS TRIP: Small boxes, buckets or should bags
POSSIBLE SITE HAZARDS: These are working sand and gravel pits so stay away from the waters edge because of slide possibilities.

FIELD TRIP REPORTS

(Members Copy)

Date	Location	Land Ownership	Material Obtained	Equipment Needed	Round Trip Mileage

HIGHLIGHTS OF THE PRESIDENTS FIELD TRIP

Tom Simmons, Dick Hornung, Bob, Nelda & Jim Oliver started the trip from Scottsbluff at 0:800 on August 10, 1974. On the way to Gurnsey, Wyoming, we visited old Fort Laramie. A very interesting tour, for people interested in past history or antiques. After our tour we headed on west for Gurnsey and the Oregon Trail campground.

On the way to the Onyx mine, we met H. O. & Grace Carson, who made a fast 'U' turn to join us. We found very nice material at the Onyx mine and it was very plentiful. In a short time we had all we could haul. Thanks to 'Uncle Tom' we all can take more material then our vehicles can haul. We also find good limb casts in this mine.

During the evening Ralph Ulrich joined us and we started covering more area. We visited visited the world's oldest agate mine. This took several hours of climbing and I'M sure most of us would have brought more material back, if only rocks didn't weigh so much. H.O. Carson enjoyed this area, not knowing which piece to keep and which to leave.

We only travel the best of 'interstates' and the one to the Spanish Diggings was something else. At times we were speeding at 20 MPH., on this terrible washboard road. We camped all night on the hill with Flattop out our window. Much good material is found in this area. I collected losts of material here and now need someone to tell me if I really found a scraper or knife etc.

From Spanish Diggings we went to the Wintermoate ranch for Shawnee agates. Everyone who hunted found good material with 'fairburn' pattern. There also is selenite and artifacts in this area.

On the 14, we were in the Lance Creek, Cow Creek area where the dinosaur outcroppings appear. Having no casting material, this area was only for looking. Many agatized bones were laying loose on the hills. The rancher at this area keeps a record of all the people who tour and work this outcropping. They have had a student from Pakastan work this outcropping.

From the dinasaur area we were on our way to Newcastle. We watched the black storm storm clouds as we drove the hiway and thought we had out-run the storm; but not so. When we arrived in the town we had one 'whale' of a hail and rain storm. This kept us out of the field until the next day. We found clam shells and some very interesting mud-balls, full of all kinds of fossils. Some material reminded one of the turritella agates.

On Aug 16, we were on our way to Edgemont, S. Dak., to find ammonites and beautiful quartz crystals. The crystals I enjoy and we found some gorgeous ones this time. I still have mine wrapped, hoping when it snows I'll have time to admire them and hi-grade.

From here we went to Crawford and met many of our friends who were there for the show and also some who were headed on west for yet another trip. The Youngs, Florence Boring, Howard Taylors, Mary Wareham (Sec. of NAOESCI), Frank Rule, The Pivonka's, Don Ducketts, Barnhouse's from Barnhill and a couple of other families joined us on Sunday morning, along with the President of the Crawford club, who took us out to hunt Blue Agate. There were about 15 cars going on this field trip and they even went to the R.R. station to get picks for those who did not bring thier own. After hunting this area for a while some of us left for the fairburn fields. Lee Pivonka (4-H member) found the best 'braggin' rock while we were there. Some day we all hope to find one like his.

We left for home on Sunday afternoon the 18th, thinking that next year we will go on another trip west, only to fill the basement with more material that Tom calls 'yaw' or leverite.

Nelda

The President's Field Trip

8TH ANNUAL

ROCK SWAP

AUG 3&4 1974

10TH AND MILLITARY
LINCOLN NEBRASKA

FIELD TRIP SATURDAY MORN.

POTLUCK SATURDAY NIGHT

WATER MELON FEED
SUNDAY AFTERNOON

FREE CAMPING

SPONSORED BY THE

LINCOLN GEM
AND
MINERAL CLUB

ADMISSION
MATERIAL FOR AUCTION

FOR MORE INFORMATION
CONTACT DON DUCKETT
1024 N 40 LINCOLN NE
68503

Rock Swap--1974

Educational classes were provided.

FROM THE EDUCATIONAL DEPARTMENT:

We will try something new in the club for an educational project this year. The project will be a study of Geologic Time. The emphasis will be on the use of fossils in the scientific and logical development of a geological time column. We will study many of the important groups of fossils and their implications in deveolping the geological time column. Not only will we study how various species have influenced the development of the geological time column, but how evolution of various species also plays a role. Stratigraphy and paleontology will be the thing that will be stressed, although we will digress at least once to study the implications of radiometric and fission track dating in developing a time scale, as opposed to a time column or chart. What we hope to do, then, will be to make an interpretive rather than descriptive study of fossils and rocks.

Current plans call for bi-weekly meetings of the study group. The first of these meetings will be scheduled for early in February, Sunday, February 3, to be exact. We will meet in various members homes. The time and place of the February 3 meeting will be announced after the next meeting. If you want to study a bit of geology, let me know at the next meeting so we can get the project going.

In addition to the geologic time classes, we will have a monthly rock feature. For January, the rock feature will be agate. Any one wishing to participate may do so simply by bringing an agate, or several agates. We have club cases that may be used to display your braggers. Bring some agates so we can all see them.

Some facts and speculations about agate:

Composition: Silicon dioxide, SiO_2

Hardness: About 7

Toughness: Variable, some may be weak (e.g. Nebraska Blue Agate); some may be brittle (e.g. Lake Superiors) or some just plain tough (Montana Agate).

Specific Gravity: 2.60 - 2.64

Refractive Index: 1.[illegible] $\pm$.0005; 1.543$\pm$.0005; Birefringence = .008

Crystal System: Cryptocrystalline (May be Orthorhombic, Monoclinic; See F.T. Jones, 1952, American Mineralogist, p. [illegible]

Mode of Occurrence; Igneous (basalts) Canadian Shield, Precambrian (Keweenawan); Sedimentary (marine) in limestones, Pennsylvanian, Wyoming, South Dakota; Sedimentary (Continental) in siltstones, Oligocene, Nebraska; Metamorphic, in chlorite schist (may be an altered basalt), Precambrian, Canadian Shield; Igneous (Welded Tuff Ash Flows, Rhyolitic Compositions) Pacific Northwest, Miocene, Northern Mexico, Miocene, Southwestern United States, Miocene. Agates most commonly occur in welded tuff ash flows. Agates listed above are all from in place occurrences. Agates may be found in stream gravels (e.g. Fairburns in Oligocene and Pleistocene Gravels of northwestern Nebraska; glacial gravels (e.g. Lake Superiors in glacial tills over a dozen midwestern states).

Geological Significance: In ash flows, agate formation is related to devitrification of welded tuffs. In this environment, as well as other geological environments, the formation of agates may also be related to the development of soils and unconformities.

Myth about agates to be debunked: <u>No two agates are alike</u>. Many different agates show identical sequences of banding. This is especially seen in Coya Mito and Mocte-zuma Agates from Mexico. Agates forming under similar conditions in the same environment should be identical. Field data shows that they are identical so not only will two agates be alike, but several million forming in the same environment will be identical. Throughout geological time, agates have formed in perhaps several million different physical systems at several million different times. Each system may form a uniquely banded agate, but each system may contain several million identical agates. Several million in several billion isnt a very big percentate so a collector may see 10,000 agates before he sees two identical patterns.

Roger Pabian, Education

Most of the monthly Club bulletins carry educational articles.

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	NEPHRITE
Composition: a pyroxene, sodium-aluminum silicate, $NaAl(SiO_3)_2$	Composition: an amphibole, hydrous calcium magnesium silicate, $CaMg_5(OH)_2(Si_4O_{11})_2$
Crystal system: monoclinic, in a tough, fibrous aggregate.	Crystal system: monoclinic, aggregate
Hardness: 6.5 - 7.	Hardness: 6.5 - 7.
Cleavage: not apparent	Cleavage: not apparent
Fracture; granular or splintery	Fracture: Granular or splintery
Specific gravity: about 3.35	Specific gravity: about 2.95
Optical character: biaxial positive.	Optical character: biaxial negative
Refractive index: 1.66 - 1.68.	Refractive index: 1.606 - 1.632.
Occurrence: Burma, China, Central America, California, Alaska, British Columbia.	Occurrence: Sinkiang Province, China, Europe, Wyoming, 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.	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 for a long time without showing signs of time and abuse and is considerably tougher than nephrite.	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.

Roger K. Pabian, Education Chairman

Most of the programs for the monthly Club meetings were of an educational nature.

February, 1974

After the business meeting, Dr. Carroll Moore of the Nebraska Wesleyan Physics Dept. gave a very interesting illustrated talk on comets. He explained the theory concerning the origin of comets. It is thought that far out in space there is a large mass of frozen material from which pieces break off forming the nucleus, or head of a comet. Mohoutek was believed to have a head 13-15 miles in diameter composed of lots of dust, frozen gas, and perhaps water. The orbit of the comet is elliptical and extends far out in space, perhaps to Uranus or Pluto, out most distant planets. As the head of the comet approaches the sun, it begins to vaporize, forming the extremely thin tail which points away from the sun. Sometimes the earth passes through the tail of a comet and a meteor shower results.

There is often much fear and superstition connected with the appearance of a comet. Such was the case with Haley's comet in the spring of 1910. The earth passed through its tail, and people believed the earth would be destroyed by fire. There was much Bible-reading, all-night Church services, and family preparations made to meet the Lord. Unscrupulous rogues, evidently not afraid of the comet, preyed upon the superstitions and fears of the people by concocting and selling "comet pills" which were supposed to protect them from disaster. So popular were these pills that when the makers were jailed for fraud, people clamored for their release declaring that the pills really averted danger.

Mr. Julius Young recited two stanzas from Dr. Neihardt's "The Poet's Town", which in beautiful, poetic style described the course of a comet.

April, 1974

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.

May, 1974

After the business meeting, Dr. Samuel Treves from the University of Nebraska gave an illustrated talk on the work that is being done by the Dry Valley Drilling Expedition in Antarctica. This is a vast area shared by the U.S. and Russia. The rock formation is granitic like that of the Canadian Shield. The sandstone mountains, having an elevation of 4,000 ft., are rich in minerals. They are a part of the Andean range of S.A. and have similar mineral resources. Some of the minerals found there are: platinum, copper, coal, orthoclase, olivine, pyroxine, and the basalt is rich in sodium. An abundance of coal, large petrified wood stumps showing growth rings which indicate seasons, and fossils such as the labyrenthodont, suggest that Antarctica enjoyed a subtropical climate at one time in its history. The sea, under the ice, is rich in life. There are very large edible fish whose blood chemistry is such that they can survive in water with a below zero temperature. There are jelly fish, and the penguins feast on shrimp. In some areas there are hot gases and steam coming out of the snow. Pinnacles of snow are thus formed, and the men can take refuge from the cold among them, the temperatures being 1-2 degrees above zero. Dr. Treves states that orthoclase is the only good gemstone found there. Explorations seem to verify the Continental Drift theory, and Dr. Treves believes that Antarctica is breaking up.

November, 1974

A most interesting and informative lecture was given by Dr. Robert Nelson of the University of Nebraska Geology Department. His subject was: "Crystal Systems--How We Use Them for Mineral Identification and How Crystals Are Formed." The use of slides, models, and a crystal display showing the characteristics of the various systems, made the talk very useful to those who wished to learn more about this very fascinating subject. A movie, "Rocks That Form Under Ground", was shown after Dr. Nelson's talk.

The Club maintains a library for use by its members.

Gemstones of North America
Sinkankas, John

Gem Trails, Northwest
Dake, H. C.

How & Why of Picking up Agates
Minton, Robert & Hazel

Jewelry Making
Bovin, Murry

Jewelry Making
Pack, Greta

Lincoln Gem & Mineral Club, Inc.
History Highlights 1955-1959

Lapidary Journal-seperate copies in manila envelope 1958, 1959 & 1960

Lapidary Journal- 1960 thru 1972
(bound copies)

Lake Superior Agate (The Rainbow in Rock)
Vanassa, Theodore

Lapidary Techniques (for City Rec. Class)
Lewis, John A.

Minerology, A Textbook of
Dana, Edward

Minerals and Rocks - How to Know
Pearl, Richard

Mineral Digest- Volumes 1, 2, 3 & 4
Julio, Tanjeloff

Mineralogy for Amateurs
Sinkankas, John

Mineral Kingdom
Desautels, Paul E.

Mineral Species & Varieties, An Index
Hey, Max

Minerals Yearbook- 1947
Pehrson, E. W.

Modern Earth Science
Ramsey, William

Common Minerals & Rocks

Rocks & Minerals
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Story of
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Lands Interior
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Johnson, Cy

Gems in the Smithsonian
Desautels, Paul E.

Gem & Mineral Club
sting-March-April, 1974

Paul A,

A National Monument
Midwest Region

the Great Mojave Desert
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Mineralogy
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Dana, Edward

Magazine

Seperate Copies

Exhibitor's Manual-revised 1969
American Fed. of Min. Soc.

Volume 1 No. 2-June 1962
Soc.

Trails

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A Story of
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Uniform Rules and
Rules 1967-1969 and

of Arizona

, A Golden Press

-Educational Circular No. 1
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Earth

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Flora, The
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nal Park 1947

Visual Aid Cases
3 on Minerals
1 on Fossils
1 Map-Gems on Location

Pleezy Head
on loan from the Nebr. State Museum

A committee was established to monitor the development of the energy crisis as it related to our Club activities, both locally and on a national basis.

6A November 4, 1973, Lincoln, Neb., Sunday Journal and Star

Tiemann: Increase Tax, Reduce Speed, Ration Gas

Energy Crisis May Change Life-styles

Associated Press

Mounting problems with energy supplies have led to calls for dramatic changes in the American life-style.

In Miami Beach Saturday, Federal Highways Administrator Norbert Tiemann said his office would recommend an increased excise tax on gasoline, reduced speed limits on all federal highways and a coupon rationing plan for gas similar to that used during World War II.

The Nixon administration said it was considering such measures as extending Daylight Savings Time all year round, a reduction of operating hours by non-essential industries, suspension of anti-pollution controls and other emergency procedures to meet whatever fuel crisis develops.

"The crisis is much worse than all of us anticipated a week ago," said Sen. Henry M. Jackson, D-Wash., chairman of the Senate Interior Committee. He said Arab oil cutbacks have amounted to a loss of 3.3 million barrels of oil a day, not 1.2 million barrels as originally thought.

And Canada, the main foreign source of U.S. oil, announced Friday it was increasing the tax on its crude oil exports from 40 cents a barrel to $1.90 a barrel.

The foreign squeeze has pushed prices up on available supplies of gasoline and heating oil. And several states are taking steps to anticipate what they feel could be a serious shortage this winter.

The price of some brands of gasoline went up again last week, sending the price of premium gas soaring to the 50-cent per gallon mark in such areas as New York and San Francisco.

Texaco Inc. anounced Saturday it was raising its wholesale gasoline and heating oil prices two cents a gallon.

Phillips Petroleum Co. announced a three-cent a gallon hike on both gasoline and heating oil Thursday as the Cost of Living Council lifted the lid on controls. And several other oil companies announced one-cent price hikes.

Appearing at the American Trucking Association's convention in Miami Beach Saturday, Tiemann told a news conference, "Undoubtedly, recommendations will be made on speed reductions on the federal highways. We have already written to the state governors calling their attention to this problem."

He said an increased tax and rationing were necessary steps in helping ease the energy crunch.

Methods

With the primary goal in mind, "study the energy situation", the committee should read news articles that apply to the subject and to any related issue. They should listen to commentaries by newsmen and community leaders. These must then be evaluated on the basis of the authors possible position in the chain of national product information. For example on Jan. 15th, 1974 "Todays news in Brief" reported this statement "Consumer advocate Ralph Nader says the world is 'drowning in oil,' having discovered only 25 percent of the oil resources which geologists say exist. Nader says America's energy problem is 'unarmed robbery by oil companies in collusion with government support.'"

Is this true? How many oil wells are today restricted by large oil interests or capped so they produce nothing? Do geologists agree that there are vast quantities of oil yet untapped?

This committee should have regular meetings to compare notes and to share pertinent information so that each one has a broad base for their evaluation.

A Long-Range Planning Committee was established to provide continuity and stability for the proper handling of Club funds and to give direction in future planning.

First meeting of the Long Range Planning Committee

Members present: Roger Pabian, Chairman
Howard Taylor
Ralph Ulrich
Wilfrid Wittmann
William Holdorf

It was noted that Florence Boring was unable to attend this meeting.

Roger briefly reviewed the purpose of the Long Range Planning Committee: To provide continuity in the Club programs, goals and administration. He described the organizational form of the Committee as a self-renewing and on-going structure. The Club President will have an opportunity to select two members next year for a three-year term.

Roger asked the approval of the other Committee members for the appointment of Ralph Ulrich to act as official secretary. All voiced approval.

The Chairman then presented, for evaluation, ten possible proposals for the use of our capital assets.

1. Sponsor a lapidary arts show, free to the public, at Sheldon Art Gallery. The LGMC could help finance the cost and manage the program. The show would consist of very select exhibits of unique entries. Entries would be limited to those done by contemporary amateurs.
   We would need to work through Mr. Geske and the final plans would be subject to his approval.

2. A grant to the geological related departments of the University of Nebraska. One example would be a grant to help defray the cost of field trips for students during the summer. Another example would be to grant a sum of money to any student who would be denied the summer field trip because his financial situation required him to earn money during the summer months. The money would be given the student after he had attended the summer field trip and then registered for fall classes.

3. Purchase a piece of equipment for the Geology Department. One suggestion was a good camera for photographing specimens.

4. Provide funds for projects sponsored by the various youth organizations, such as 4-H Clubs, Boy Scouts, Girl Scouts, and similar organizations. Those projects would be earth science oriented.

The Lincoln Gem and Mineral Club participates in the AMFS Scholarship Fund.

SCHOLARSHIP FUND REPORT from Myrtle N. Young, Chairman LGMC

J. D. and I received the Scholarship Fund project from the able hands of Helena Baegl. At the changing of the guard it is wise to review again points to observe in collecting coupons and stamps.

1. Coupons: Any and all Betty Crocker coupons - your own, your mother's, daughters, sisters, cousins, aunt's and neighbors. Be an apt beggar.

2. Kinds of stamps:
   1. Large commemorative stamps (the biggest part of the income from stamps comes from these large commemorative stamps.
   2. Large and middle-sized foreign stamps.
   3. Large and middle-sized Air Mail stamps.
   4. Precanceled stamps of all sizes and denominations including precanceled Christmas stamps.
   5. Special stamps as follows: Duck Hunting License stamps; United Nations stamps; $1.00 Airlift stamps; Documentary stamps of all sizes and denominations; 8¢ Champion Liberty stamps; certified mail stamps (with figure of postman); First Day covers--please send the complete envelope); Stamp albums; small rare stamps such as 16¢, 19¢, 24¢, $1.00, $2.00, $5.00, etc.; Blocks with and without plate block numbers; also single stamps with plate block number.

Please do not save small regular stamps of low denominations, or common airmail stamps; or regular Christmas stamps.

HOW TO PROCESS STAMPS: Cut from paper, leaving about ¼ inch margin of paper around the stamp.

DEFECTIVE STAMPS: Please do not save any defective stamps. No clipped tops (the automatic letter openers often take the top of the stamp); no ro torn edges, no missing perforations, no damaged backs.

At the next regular monthly meeting, pause at the registration desk and meet, Betty, the Crocker "Kitty" waiting for the stamps and coupons you bring to her. She will take care of them.

Stamps and coupons seem inconsequential in a complicated world, but note what they can do when assembled in quantities:

For the 1972-73 school year six Foundation grants - each for two years at $750 per year - were authorized. The Honorary Award winners selected under the new OP by the six regional Federations who chose the institution and student within their respective Federations as follows:

California Federation Dr. Richard H. Johns, Professor Geology and Dean, School of Earth Sciences, at Stanford University. Student: Michael Throckmorton-University Cal.

Eastern Federation: Dr. Cornelius S. Hurlbut, Jr., Professor of Mineralogy, Harvard University. Student: David Cook - Harvard Uni.

MIDWEST FEDERATION: Dr. C. Bertrand Schultz, Regents Professor of Geology, Uni. of Nebraska. Student: Miss Mary Ann Turner - Uni. of Nebraska.

Northwest Federation: Dr. Lloyd William Staples, Professor of Geology, Uni. of Oregon. Student: William O. Seeley - University of Oregon.

Rocky Mountain Federation: Dr. Charles J. Mankin, Director of the School of Geology and Geophysics, Uni. of Oklahoma. Student: Duncan Fawcet Sibley -Uni. of Oklahoma.

South Central Federation: Dr. Peter T. Flawn, Director, Division of Natural Resources and Environment, and Vice President for Academic Affairs, University of Texas. Student: Eric Rice Swanson - University of Texas.

The Lincoln Gem and Mineral Club works closely with the City Libraries.

LINCOLN CITY LIBRARIES

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Charles E. Dalrymple
Director

April 16, 1974

Ms. Marie C. Wells
Publicity Director
National Gem & Mineral Show
P.O. Box 5342
Lincoln, NE 68505

Dear Marie:

It was our pleasure to have the Lincoln Gem and Mineral Club exhibits. Unfortunately, we did not keep any record of the number of times people responded to the exhibits, but we did receive many comments about the displays.

I do know there is area interest in various parts of the community, and I suppose some time we should think about having chapters.

With best wishes for your continued success, and particularly for this summer's show "The Place to Go in 1974."

Sincerely,

Charles E. Dalrymple
Director of Libraries

CED:jc

P.S. To Irl Everett: Be sure to let us know when you have general announcements which you would like to have posted.

CED

Junior Member Activities

The Lancaster County 4-H Pebble Pups was originally headed by one of our members, Mrs. Marie Wells, who has remained active with this group ever since its founding. In addition to Mrs. Wells' work, the Lincoln Gem and Mineral Club has supported the 4-H Petrified Pebble Pups by allowing $15.00 to be spent for county fair and state fair display awards to 4-H Club rock exhibitors and also by allowing the 4-H Petrified Pebble Pups space in the Pick and Shovel, our Club bulletin, to report their achievements. In addition, 4-H Petrified Pebble Pups have been encouraged to attend Lincoln Gem and Mineral Club meetings, field trips, and swaps, and to display at the annual show.

PEBBLE PUPS
Junior Member Activity

On June 11, Calamity Kate had three of our junior members as special guests on KOLN-TV Cartoon Corral. They were Brad Jones, David and Mary Green. Brad displayed moss agate, marcasite and crystallized marcasite from Kansas. David displayed crinoid stem fragments from "my aunt's farm in Texas" and some horn coral from Weeping Water, Nebraska. Mary showed a piece of Prairie Agate, the state rock, and some chalcedony roses from the Crawford, Nebraska area. She also had some tumbled stones, complinents of Lynn and Marie Wells, that were distributed to all the youngsters on Cartoon Corral. Their specimens were attractively placed on different levels of a table which had a green cloth over it. The junior members then told about their own specimens and while doing this, the KOLN-TV cameramen zooned in for excellent close-up shots.

At the National Show we had people tell us they saw the show as far as in Kearney, and they were impressed by the way the youngsters performed. The three of them did a very good job of helping advertise our National Show. Our sincere thanks and appreciation to Calamity Kate and KOLN-TV. The Lincoln Gem and Mineral Club can be proud of thier performance. Mrs. Jones and Mrs. Green were very proud of them, but of course, they're prejudiced.

--Virginia Green

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Club News Report - Petrified Pebble Pups

At the regular meeting of the Petrified Pebble Pups 4-H Club on July 8th discussion was held on the rocks found on a recent rock hunting trip at the rock Quarry at Weeping Water and the grizzly pile at South Bend. The members learned what kinds of rocks they had found, and how to clean them for their collections. The field trip planned for July 22nd was also discussed. It was decided that it would have to be canceled if the weather was too hot.

Paul Sailar
4-h Club News Reporter

JUNIOR PAGE

OUR PETRIFIED PEBBLE PUPS HAVE HELPED ESTABLISH STATEWIDE 4-H PROJECT

The Geology project in 4-H, piloted by Marie Wells and our Juniors, has generated enough interest throughout Nebraska to become officially recognized as a state project for 4-H. This means, in part, that Juniors belonging to a 4-H Club who show at the County and State Fairs will be officially participating and eligible for placing awards and ribbons.

Representatives of cooperating groups, 4-H, the University, and L.G.M.C. met at Marie's home on February 8 to coordinate and develop necessary materials. A leader's manual, complete with photographs, giving necessary information for background knowledge of rocks and geology to assist in leading potential geologists and rockhounds, is being prepared. The manuals for Pebble Pup use will be divided into four sections. A Junior will be able to select one of these four which interests him or her and follow this particular area in developing the year's project.

An organizational meeting for 4-H club members was held at Marie's home on February 11.

It would be appreciated if those of you having special knowledge, talents, or collections would offer to share with these young people, and allow them to develop by letting them share with you their achievements. Many of you have been generous in this respect in the past years.

THANK YOU, MARIE, FOR MAKING THIS POSSIBLE

abundance of good food, the weather was pleasant, and everyone seemed in good spirits. A very enjoyable program followed the supper. Sandra Wright and Mary Green, members of The Petrified Pebble Pups 4-H Club, gave a very informative illustrated talk on safety for Rockhounds while on field trips. They discussed the preparation for the trip which included having an adequate supply of water, foods that would be suitable, the needed tools, safety equipment such as hard hats and goggles, guides, maps, and the first aid kit. Not only was a chart used to emphasize the information, but they also made use of manipulative devices. Hazards that might be encountered on a field trip were discussed, and advice was given on how to deal with them should they occur. A hand-out sheet was given to everyone present having an illustration of poison ivy and poison oak. They ended their discussion with a demonstration on how to give first aid for a broken arm, and they gave advice on how to take care of equipmentand personal hygiene after returning home. It is remarkable how much our Pebble Pups are learning in their 4-H Club work.

LETS BE COUNTED IN ON THE ACTION

What is your club doing for your junior members or interested young Pebble Pups in your community? Are you too busy or is it just that you're not sure what should be done? May I suggest you call on your county extension agent and ask to see Unit I and II Project Guide and Record Book Exploring Our Earth Through. If he does not have copies on hand ask him to write to the state extension office in Lincoln for copies. Consider sponsoring a 4-H Geology Club and offering leadership.

Last year there were clubs in Lancaster, Buffalo and Nemaha counties. If there were any other clubs we would like to hear about them. One of the members in the Lancaster Co. Petrified Pebble Club would like a 4-H swap. How about getting behind this new 4-H project and support it with time, leadership and money.

At this years National Gem and Mineral Show there will be a 2 hour session on Junior Activities. Have your club delegate one or more members to attend this meeting. Bring along your suggestion as to what should be included in a good junior program. This will be a great chance to exchange ideas with people all over the United States. SEE YOU THERE.

Marie Wells
Publicity Chairman
Lincoln Gem & Mineral Club
"THE PLACE TO GO IN '74"

February 22, 1974

Carroll Thompson, Publicity Manager,
Neihardt Center
5555 "O" Street
Lincoln, Nebraska 68510

Dear Mr. Thompson:

Please accept on behalf of myself and the Lincoln Gem and Mineral Club the enclosed contribution of $100.00 toward the Neihardt Center. Our many members enjoyed Dr. Neihardt's continued interest in our club and his intense interest in the lapidary hobby.

As displays director of the 1974 National Gem and Mineral Show, it is my honor to invite the Neihardt Center to participate in this event by offering both table and floor space in the amount of 8 linear feet in order that it may be used to publicize your efforts in realizing the completion of the Neihardt Center.

With best regards.

Yours truly,

Roger K. Pabian, Director,
Displays Committee,
1974 National Gem and Mineral Show,
and Past President, 1973,
Lincoln Gem and Mineral Club

The Lincoln Gem and Mineral Club supports the Neihardt Center.

FOUNDED 1965
NEIHARDT STUDY RESTORATION
BANCROFT NEBRASKA

The John G. Neihardt Foundation, Inc.

Bancroft, Nebraska 68004

March 18,1974

Non-profit Organization
Exempt under Section 501 (c) (3)
and Section 170 of the Internal
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Lincoln Gem and Mineral Club Inc.
Mr. Roger K. Pabian, Director
Displays Committee,
1974 National Gem and Mineral Show
P.O.Box 5342
Lincoln, Nebr. 68605

Dear Mr. Pabian,

The Board of Directors wish to thank you for your generous gift to the Neihardt Center.

We also accept your offer to have a table at the National Gem Show.

Please send me any details necessary to setting up our display table.

Sincerely
Mrs Diane Nottlemann
Mrs.Diane Nottlemann
Secretary
John G. Neihardt Foundation
Bancroft, Nebr. 68004

The Lincoln Gem and Mineral Club supports
the Neihardt Center.

Other Activities

Members of the Lincoln Gem and Mineral Club participated in many other organized groups on behalf of the Club.

We have membership in the A.F.M.S. and Midwest Federation of course; and additionally we are a member of the Community Arts Council, The Nebraska Association of Earth Science Clubs, Inc., and the Nebraska Recreation League.

Mr. Howard Taylor was elected V. President of M.W.F. at the Convention in Lincoln in 1974. During 1974 he served as First Vice-President of M.W.F. Mrs. Howard (Marie) Taylor was State Director for Nebraska and Hal and Darline Janzen were her assistants. All are members of L.G.M.C. Ralph Ulrich served on the M.W.F. 1974 Convention Committee and was active in making arrangements for the A.F.M.S. and M.W.F. Convention for 1974. Rosa Lee Wright was appointed Alternate M.W.F. Delegate and since the appointed delegate was unable to serve she served as the official delegate and gave a full report of the proceedings in our Club bulletin. Roger Pabian served as Director of Competitive Displays and coordinated the much-involved task of lining up the competition for the A.F.M.S. and the M.W.F. Uniform Rules Chairmen.

The Community Arts Council meets on the fourth Monday of each month and concerns itself with all possible ways to improve our environment through the Arts, including all forms of expression. Rev. Raymond Pfeiffer and Norma Miller were the delegates from our Club. They publish the proceedings in our Pick and Shovel so the membership is informed.

The Nebraska Association of Earth Science Clubs, Inc., was organized to provide an opportunity for close cooperation between all Nebraska clubs who were interested in any of the forms of Earth Science. Through their annual show many smaller organizations can participate in a public showing and can reap the benefits of a larger organization. All business is conducted by an elected Board of Directors who are responsible to the Assembly of Delegates. The Lincoln Gem and Mineral Club is allotted four delegates. The number of delegates is determined by total membership. Our Club hosted the NAOESCI Convention and Show for 1974. Each club had a large sign over their section to identify their display area. A member of our Club, Mr. Howard Taylor, is President of NAOESCI. We were well represented by four delegates at the Assembly of Delegates. Ralph Ulrich served as chairman of a committee to determine the most advantageous tax classification for that organization and gave a full report

PARTICIPATION IN OTHER ORGANIZATIONS

Community Arts Council Report

The first meeting this fall of the Lincoln Community Arts Council was held Oct. 21 at the Public School Administration Building. The coordinating Arts Council for the Lincoln Public Schools shared a report on last year's "Year of the Arts", and their plans for the coming year.

A series of slides was shown of the art forms and how they were implemented in the schools of Lincoln. A detailed report in booklet form titled "The Year of the Arts" included things that were done in each field, staff comments about the program, and a summary in each division. Areas covered were music, drama, dance, and visual arts.

Support programs for this year are in effect now and available to schools throughout the district.

Larry Enersen reported as chairman for the nominating committee the following slate of officers that was unanimously approved:

> Larry Lusk, President; John Prasch and Mrs. Ed Walt, Vice-presidents; Norma Carpenter, Secretary; Eams Erwin, Treasurer. Immediate Past-president is Breta Dow, and Board members are Sam Davidson, Dick White, John Prasch, Chuck Pallesen and Larry Enersen.

There were over 60 members and guests of the associated groups present. A good turnout for a new season.

--Norma Miller, substitute for Rev. Raymond Pfeiffer
Community Arts Council Representative

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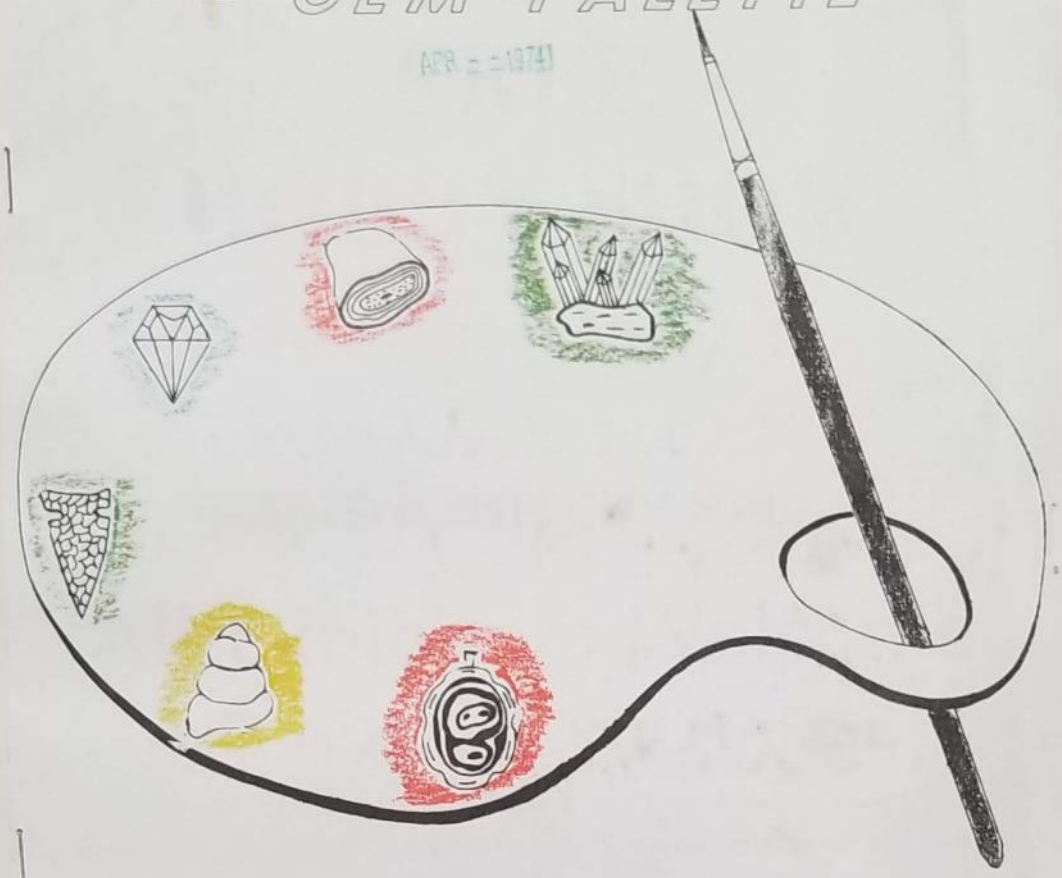
at the meeting. The official publication is The Gem Pallette and the editor is the efficient and amenable club member, Norma Miller, who is also Liaison officer to M.W.F. for our Club. The Gem Pallette was published by several members of our Club who cooperated in getting the stencils cut and the printing assembled for mailing. A copy is included for reference.

The Nebraska Recreation League is concerned with all forms of recreation, but more especially with camping and Federally-managed land use. They watch local, state, and national law-making activities as it affects those particular activities. Club member Dr. H. O. Paulson was, and is, President of the organization. We had two representatives in 1974 and have since increased our representatives to four.

INVOLVEMENT IN COMMUNITY ACTIVITIES

THE GEM PALETTE

APR - - 1974



BULLETIN OF THE NEBRASKA ASSOCIATION OF EARTH SCIENCE CLUBS, INC.

Meeting of the Board of Directors

CHRISTMAS DINNER

Dec. 14, 1974 6:00 p.m.
W.O.W. Bldg. 734 So. 27th St.

Semi-potluck

Club will furnish meat and drink.
Bring your own table service.

There will be a program and gift exchange.
Let the gift be related to the hobby.
Designate whether gift is for male, female,
or Junior.

The Christmas Party

Looking to the Future

It is no secret within the United States, Canada, and a few other countries that a National Gem and Mineral Show was offered to the public at Lincoln, Nebraska, in June of 1974. This event was widely announced for several years, so every club in all the Federations was aware that some great event was scheduled. Additionally, contacts with other countries certainly made them aware of the scope of our hobby.

With the general public now having an expanded view of the rockhound and his hobby, the stage is set for a World's Fair of Earth Science Hobbies, which could also include such other areas as ceramics, coin collecting, stamp collecting, barbed wire, antiques, and so on. The Midwest is the ideal location because the project would not be lost in the din and turmoil of the big cities like New York, Chicago, or Los Angeles. The service organizations such as the Chambers of Commerce, Universities, and State Departments are now aware of the credibility of the Midwest Federation as well as of the local clubs and the wide appeal we have for drawing crowds, extending hospitality, and providing all the desirable things that create a good and memorable international activity. They would be very eager to join in the project, and I believe other countries of the world would participate.

Ralph L. Ulrich
Past President, 1974
Lincoln Gem & Mineral Club Inc.
March 1975

Turning the Gavel Over
R. Ulrich, 1974 to F. Rule, 1975

DO not follow
where the
path may lead.
Go, instead, where
there is no path
and leave a trail.

The

MIDWEST FEDERATION of MINERALOGICAL & GEOLOGICAL SOCIETIES

hereby grants to

Lincoln Gem & Mineral Club

this Certificate of Appreciation

in recognition of outstanding contributions to the Midwest Federation of Mineralogical and Geological Societies

In witness whereof the seal of the Midwest Federation of Mineralogical and Geological Societies is hereto affixed and the signatures of its officers, duly authorized, are subscribed hereto

this 14 day of June anno Domini 1980

Bernice McCloskey
PRESIDENT

Jean Reynolds
SECRETARY

STATE *of* NEBRASKA

EXECUTIVE OFFICE

LINCOLN

P R O C L A M A T I O N

WHEREAS the 12th Annual meeting of the Nebraska Association of Earth Science Clubs will be held in Lincoln during the week of March 27 - April 2, in conjunction with the 20th Annual Exposition of the Lincoln Gem and Mineral Club, Inc.; and

WHEREAS gem and mineral collectors have contributed significantly to earth science education in Nebraska, scholarships at the University of Nebraska, University of Nebraska State Museum, the Conservation and Survey Division of the University, and the maintenance of a sound environment and good economy in the State of Nebraska; and

WHEREAS more than 1,000 Nebraskans are involved in gem and mineral activities as individuals and families, popularly dubbed "Rockhounds" and are proud to host their colleagues from other states and territories:

NOW, THEREFORE, I, J. James Exon, Governor of the State of Nebraska, DO HEREBY PROCLAIM the week of March 27 - April 2, 1978, as

ROCKHOUND WEEK

in Nebraska, and I urge all Nebraskans to extend their hospitality to all Rockhounds from other states and territories.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Nebraska to be affixed.

DONE at the State Capitol, Lincoln, Nebraska, this 27th day of March in the Year of Our Lord One Thousand Nine Hundred and Seventy-Eight.

Governor

Attest:

Secretary of State