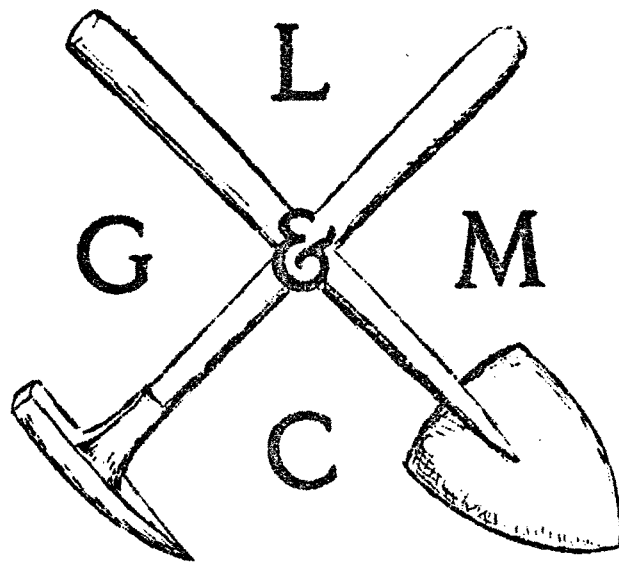


THE PICK & SHOVEL



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.

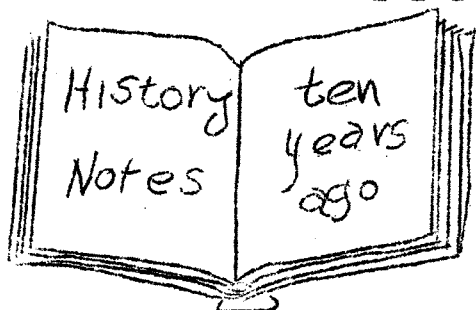
* The Refreshment Committee want to thank the following for the cupcakes served at the February meeting - Helena Baegl, Dot Balke, Flossie Litzenburg, and Hazel Howlett.



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.



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."



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)

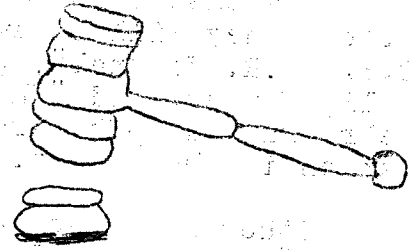
Virgil Carveth wishes to thank Club members for the get well cards sent to him.

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

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 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 Stillwell, 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 Appalachian 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.

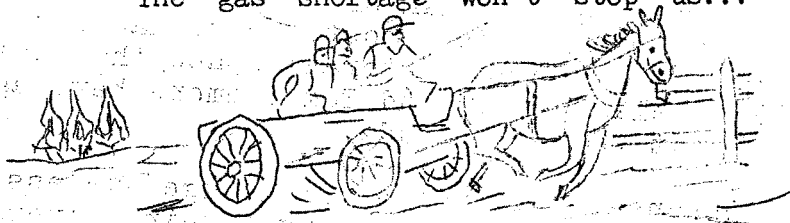
Bring some extra copies of your bulletin to be distributed to visitors at the Show.

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

--Evelyn, Editor Pick & Shovel

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 sign 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 that 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 requires a lot of study and will only be a thought at this time.

President read correspondence. 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 opposing 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 Crabher; 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 Horitage 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 P 2 & 3 of the May 17, 1973 minutes read, referred to Part 4 in Policy File, and P 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.

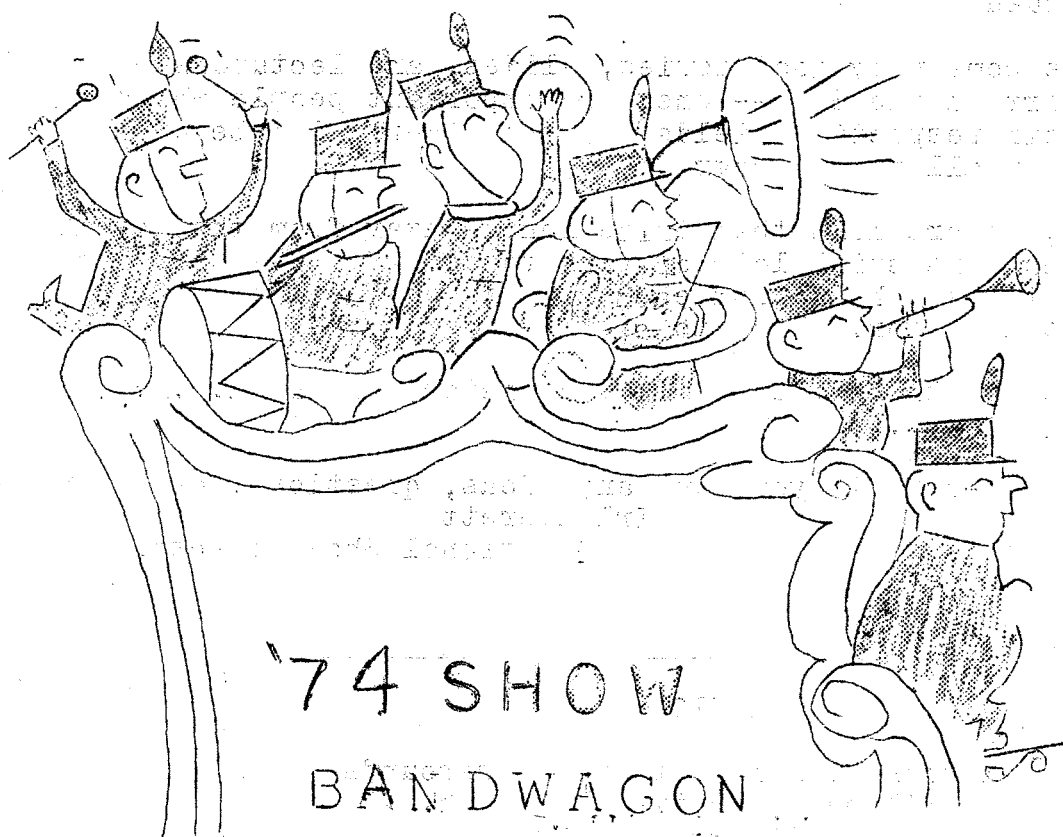
Roger Pabian, Displays Director, has 453 confirmed displays with a total of 262 exhibitors, and apps. still coming in. Non-Comp. deadline apps May 1, 1974.

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. We are not furnishing transportation to the sites.

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.

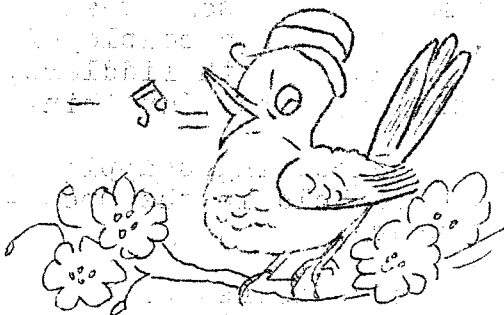
Administration Bldg-----475-0047
(Registration Desk)

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 tying 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 incidentally 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
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NAOESCI Favors, Meadow Larks and nests

Myrtle Young-----Lincoln	Completed	Mar. 1,	'74
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Delegates' Luncheon Favors

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

"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

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 _____	Pre-registration fees	No.	Amt.
Address _____	4-day adult \$4.00 ea.	_____	_____
City _____ Zip _____	Jr. (13-17) \$2.50 ea.	_____	_____
Society _____	Barbeque \$4.00 ea.	_____	_____
Indicate: Delegate _____ MWF _____ NAOESCI _____	Editors Brkfst. \$2.75 ea.	_____	_____
Judge _____ Clerk _____ Federation _____ Speaker _____	MWF Del. Lnchn \$4.00 ea.	_____	_____
Editor _____ Exhibitor _____ Jr. Activities _____	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

Silversmithing

Picture painting on rock

Glass Sculpture

Faceting

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 dis-
play 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, Faceter, 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.

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 Fair-
grounds. 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
Waslick 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 horizontally 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 Glantz 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

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.

" 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

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

JOKES: 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.



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

Reports from standing committee and discussion about 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 Liason 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 condition 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 pamohlets 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 ideas 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 commercial advertising. Howard Taylor will check at the next meeting. The directory which is in the process now will probably have ads. The next State Association meeting Howard will check 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 than 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 it 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 Aviation 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 will increase attendance 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 Cincinnati 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 only 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 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 $\frac{1}{4}$ 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 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 Fawcett 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

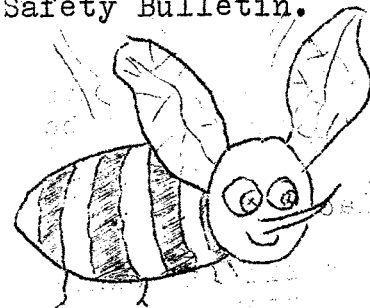
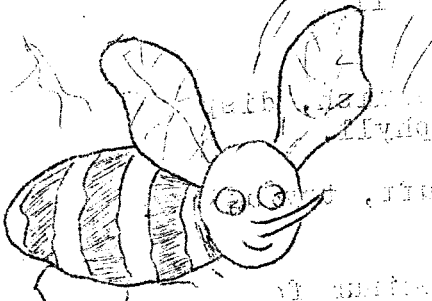
SAFETY MINDED: Bees, Wasps, Hornets, Ants The Hymenoptera Group

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.

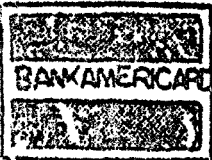
When polishing soft material and it sticks to the buff, try using vinegar in place of water.

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.

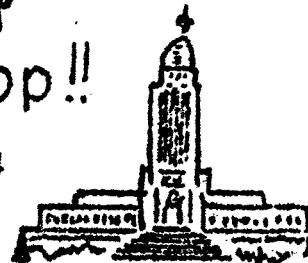
--via The Lapidary and Ozark Earth Science Club

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Inc. Wax and Casting Equipment Dealer
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Custom Slabbing and Lapping

Harvin N. Anderson, Box 5, Ceresco, NE 68017
By Appointment Only - 7-9 P.M. Telephone 665-3747

To telephone Mr. Anderson from Lincoln dial 112-665-3747.

1974 ROCK SWAP

Sponsored By CENTRAL NEBRASKA ROCK & MINERAL SOCIETY

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NEBRASKA



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Play Area

Fireplaces

Shade

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.
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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

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 Subcommittee 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



Jean Reynolds
Secretary



Bernice McCloskey
Treasurer

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:

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

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

STEERING COMMITTEE 1974 SHOW

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

PUBLICATIONS CHAIRMAN---Art Howlett

PICK & SHOVEL STAFF - Editor-Evelyn Ulrich, 3521 S. 48th St., Lincoln, Ne. 68506
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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.

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Lincoln, NE 68505

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Maurice & Frances Tracy
3601 South St.
Lincoln, NE 68506

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 HAMMOTH 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

