



RECOGNITION IS EXTENDED TO

LINCOLN GEM AND MINERAL CLUB INC

FOR PARTICIPATION IN

All American Federation Club Award

1986
Date

William T. Parsh

Federation President

Benjamin Dupelino

Committee Member

Ed Wilson

A.F.M.S. President

Esther B. Dunn

A.F.M.S. Committee Chairman

ACTIVITIES	TOTAL POSSIBLE POINTS	POINTS GIVEN	COMMENTS
1. Service to members and visitors at meetings	20	20	
2. Service to members away from meetings	20	10	Your activities reported in this category seems to be your meetings, not what your service away from meetings
3. Club Publicity	10	5	Do you have publicity other than the Pick & Shovel? Include newspaper clippings & more pictures as proof of activities!
4. Service to other clubs	10	10	
5. Service to Federations	20	15	
6. Service to own community and nearby areas	10	10	
7. Services to distant Communities and/or projects	5	5	Good Scholarship!
8. Services to or involvement in Public agencies	5	5	

80

Name of Club LINCOLN GEM AND MINERAL CLUB INC

Number of times won All American Club Award 1

1986 Membership 103 Date Organized 1955

Average attendance at meetings 25 Size of Club Show

Special Projects

JUDGES: Please use back of sheet for further comments or suggestions.

Application for All American Federation Club Award

- | | Total Possible Points |
|---|-----------------------|
| 1. SERVICE TO MEMBERS AND VISITORS AT MEETINGS: (Such as reports, educational programs, attention to guests and new members, door prizes, meeting format special activities, library.) | 20 |
| 2. SERVICE TO MEMBERS AWAY FROM MEETINGS: (Such as field trips, club sponsored shows, seminars, workshops, club bulletin, special functions, telephone committee, swaps, picnics, etc.) | 20 |
| 3. PUBLICITY: (Such as articles, pictures, and reports in newspapers; radio and TV programs; use of free Community events and communications. Also, National magazine ads in rock, gem and mineral magazines.) | 10 |
| 4. SERVICE TO OTHER CLUBS: (Such as displaying at and attending shows, serving as clerks or judges, or on interrelated committees; joint field trips or workshops; group projects; loan of equipment; helping with programs, etc.) | 10 |
| 5. SERVICE TO FEDERATIONS: This is an important category! (Such as support of projects, shows, workshops, clerking or judging; displaying at National and Regional Shows; being an Officer or Committee Chairman; support of Endowment and Scholarship Fund; participation in All American Club or Education Through Sharing competition, etc.) | 20 |
| 6. SERVICE TO OWN COMMUNITY AND NEAR-BY AREAS: (Such as rock-oriented programs, talks and displays in public places, schools, service-oriented organizations, etc.; projects and donations of time and specimens; Senior Citizen or Retirement facilities, etc., where you furnish teachers, material, machinery, programs; also the means the club uses to aid Community programs, projects and special events.) | 10 |
| 7. SERVICES TO DISTANT COMMUNITIES OR PROJECTS: (This must be clear cut service to others outside your area or state. This means sending or exchanging materials or ideas, or competition with others outside your area; projects to help others - coupons, stamps, money, materials, etc.; can be with schools, museums or other clubs in other Countries.) | 5 |
| 8. SERVICES TO OR INVOLVEMENT IN PUBLIC AGENCIES: (This is in addition to #7. Means National Government or State Agencies, such as schools, museums, libraries; getting State rock or gemstone recognized, or new stamp issued; Federation field trips; surveys, etc. Obvious agencies are BLM, Forest Service, Dept. of Transportation - in most States - in regard to field trips, etc.) | 5 |

Total 100

INSTRUCTIONS

Attach a copy of your 1985 bulletin. You choose the month.

WRITE your answers, using as much detail as necessary. The judges don't know your club or what it is doing so tell it all. Judges can't read between the lines.

If you have newspaper articles or clippings, or pictures of a project, or important letters, certificates, awards, attach them to your written reports and staple all together or attach in an ordinary folder or file. All will be returned to you.

DO NOT SEND SCRAP BOOKS.....repeat.....DO NOT SEND SCRAP BOOKS. They are heavy, hard to handle and expensive to mail.

Mail your completed report directly to your Regional Chairman (name and address below). Do not send to AFMS Chairman. Mail as soon as completed.

Judging will be under the direction of your Regional Chairman. Awards will be announced at your Regional Show. Trophy winners will be judged for the National trophy by a separate set of judges and the winners announced at the AFMS Awards Banquet in 1986.

DEADLINE: MARCH 1, 1986 (Postmark will control.)

Esther B. Dunn, Chairman
AFMS All American Club

CLUB INFORMATION

Name and address of Club Lincoln Gem and Mineral Club, Inc.

Name and address of person filling out this application and report _____

Shirley Mae Rockel 1134 West Avon Lane Lincoln, NE 68505

Membership 103 Average attendance at meetings 25

Name of Club bulletin The Pick and Shovel

Date organized January 15, 1955 Month of elections November

How often does Club meet? Once each month for 9 months with some summer activities

How many times won All American Club plaque? _____ Won on National level? _____

REGIONAL CHAIRMEN

CALIFORNIA

Arlene Billheimer
3163 Maiden Lane
Altadena, CA 91001

NORTHWEST

Raymonda Nelson
8447 42nd SW
Seattle, WA 98136

EASTERN

Doris Peeler
Route 6, Box 1175
Hickory, NC 28601

ROCKY MOUNTAIN

Richard L. Goodnough
912 Otero
Dodge City, KS 67801

MIDWEST

Dr. Benjamin Moulton
R.R. 21, Box 103
Terre Haute, IN 47802

SOUTH CENTRAL

Jerald Wilson
707 Tulane
Big Spring, TX 79720

ALL AMERICAN CLUB PROFILE

The All American Club Awards program has been provided to encourage clubs to give service to others. We all enjoy our hobby but most of us just let it go at that. However, that is only the beginning. If you really enjoy your hobby, you want to help others enjoy it also, by providing individual instruction and materials so that they may also progress. In this way we reach out to members and guests at our meetings, in the community, and people we have met from distant places. The outline that follows suggests just what is needed to meet the standards for an ALL AMERICAN CLUB.

1. **SERVICE TO MEMBERS AND VISITORS AT MEETINGS:** What do you do at your club meetings? Do your programs provide an incentive for a guest to want to join your group? Do you have a Hospitality Chairman or Welcoming Committee? Do you explain your field trips and other activities at your meetings? Do some members provide a display for the benefit of other members and guests? Do you have periods of 'Show and Tell'? Do you serve refreshments, have door prizes or educational activities? What reports are given? How is your club organized? (By-laws, Executive Board, Committees, membership lists, awards programs, etc.)? Do you have club vests, pins, etc.?
2. **SERVICE TO MEMBERS AWAY FROM MEETINGS:** Does your club have field trips, and are they adequately announced, planned and reported on? Does your club have a bulletin; is it small, medium or large, and how is it organized? (Send a copy along with your report). How do your members learn to do things? Does your club have a shop, proper instructors and instructional programs, library, meeting room, etc.? Does your club have a club sponsored show? Where is it held and what size is it? Do you have a Telephone or Social Committee? What special activities does your club provide for the membership? (Buses to other shows; joint field trips; workshops, special recognition, etc.). Explain your other activities that are provided for your members.
3. **CLUB PUBLICITY:** This is often a very difficult area to explain, but it is one we must use to keep our club before the general public. Larger clubs often find it more difficult to get publicity in large towns or cities, as the media are not that interested in "Rockhounding". However, it can be done and every opportunity should be explored. Many clubs use the newspapers, TV stations and radio. They also use billboards, libraries, banks, places of business, malls, etc., to put on displays, put out posters or flyers, and provide information about the club, their show, etc. Tell about it!
4. **SERVICE TO OTHER CLUBS:** Most All American Club Applications and reports fall down in this category. We don't help others. We don't make an effort to see what others are doing and to join with them to enjoy our hobby. What does your club do? Do your members take exhibits or displays to other club shows; provide clerks and/or judges for their shows; have joint field trips or workshops; provide or participate in joint rock swaps? Do you make donations to other clubs, groups or individuals? Do you help promote other clubs activities with publicity in your bulletin? Do you loan these clubs some of your equipment or show paraphernalia? Do members put on programs for other clubs?
5. **SERVICE TO FEDERATIONS:** This is one of the most important areas for this report. Does your club help the Federations (Regional and AFMS) carry on their activities? Do you have any members who are officers, committee members, clerks, judges, etc., on the Federation level? Do you carry their reports and publicize their special programs in your club bulletin? How does your club participate in Federation workshops, seminars, shows, meetings, etc.? What projects, programs, etc., does your club help with? What contests do you enter? With what success? Does your club earn money to donate to Federation Scholarship or Endowment Funds? How is it raised? Do your members exhibit at shows; compete? Include pictures, copies of letters, certificates, etc.
6. **SERVICE TO OWN COMMUNITY AND NEAR-BY AREAS:** What do you do for your own Community? How do you meet the needs of schools; talks to classes or donation of educational specimens? To get involved in community affairs, you need the support of all club members. Tell what they did - in the name of our hobby. Does your club exhibit at various places or public institutions (banks, libraries, schools, museums, etc.)? Do you help community groups (service organizations, senior citizens, Boy or Girl Scouts, etc.)? What do you do that is unusual or innovative in your community?
7. **SERVICE TO DISTANT COMMUNITIES OR PROJECTS:** You can list here, your work with colleges, universities, museums, pen pals, foreign exchanges, swaps at a distance, donations of specimens to other people or institutions. What does your club do to help others at quite some distance, or even neighboring cities? Projects could include saving stamps, labels, etc., to help others, or any service projects.
8. **SERVICE TO OR INVOLVEMENT IN PUBLIC AGENCIES:** This could include, BLM, the Forest Service, Nature Habitats, wilderness areas; State, National and special organizations that affect our hobby. What do your members do? Did you help create any projects for State or Governmental agencies? State rock, fossil or gemstone? Does your club correspond with these agencies to let them know when you are for or against legislation they have proposed that would affect the future of our great hobby. Include copies of letters, both to and from these agencies.

LINCOLN GEM AND MINERAL CLUB, INC.
P.O. BOX 5342, Lincoln, NE. 68505-0342

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

Regular Meetings: 4th Saturday of the month, September thru May: 7:30 P.M.
At Nebraska Center, 33rd & Holdrege

1985 ELECTED OFFICERS:

President	Claude Scott	4917 Normal Blvd.	Lincoln, 68506	488-0739
1st Vice Pres....	Roger Pabian	315 'D' St.	Lincoln, 68502	474-2034
2nd Vice Pres....	Linda Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Secretary.....	Vera Lyman	420 N. 56th St.	Lincoln, 68504	464-6089
Treasurer.....	Phyllis Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Board Member....	Mark Mercier	3316 'R' St.	Lincoln, 68502	476-6242
Board Member....	Jim Stewart	1339 Eastridge Dr.	Lincoln, 68510	489-2867
Board Member....	Marie Taylor	910 New Hampshire	Lincoln, 68508	476-3707
Board Member....	Janet Wright	3715 S. 33rd St.	Lincoln, 68508	488-1884

NOMINATING COMMITTEE -- 3 years: Vera Lyman, John Lewis
2 years: Jim Parks, Ervin Marshall
1 year: Richard Haney, Wilfrid Wittmann
Jim Taylor, Chairman

LONG RANGE PLANNING AND BY LAWS COMMITTEE:

1 year - Marie Taylor, Vera Lyman	3 years - Jim Taylor, Irl Everett
2 years - John Abel, Roger Pabian	Jim Taylor, Chairman

STANDING COMMITTEE CHAIRPEOPLE:

Calling.....	Phyllis Parks	Membership.....	Linda Parks
	Marie Wells	MWF Liaison.....	Marie Taylor
Education/Publicity...	Roger Pabian	Programs.....	Bob & Mary Walker
Historian.....	John & Lillie Lewis	Scholarships.....	Marie Taylor
Hospitality.....	Susan Taylor	1985 Rockhound/yr...	Roger Pabian
Housing/Property.....	Claude Scott	1985 Annual Show....	Vera Lyman
Junior Activities.....	Janet Wright	1986 Annual Show....	Fred Holbert
Librarian.....	Jim Parks	Christmas Party.....	Marie Taylor

AUDITING COMMITTEE 1984.....John Abel, Ervin Marshall
Virginia Green, Phyllis Parks, Treas.

PICK & SHOVEL STAFF:

Editor.....David Heffelbower 1819 Washington, Lincoln, NE 68502
Asst. Editor.....Vera Lyman 420 N. 56th St. Lincoln, NE 68504 (NAOESCI)
Sunshine Corner..Susan Taylor
Reporters.....Julius Young, "CLUB MEMBERS"

DEADLINE: 1st of Month of Issue. Original articles may be reprinted if credit is given the author and THE PICK & SHOVEL and a copy of the publication is sent to the Editor.

OPERATING BUDGET -- 1985

Estimated Income:

Membership Dues (100 @ 5.00)	\$ 500.00
Annual Show	600.00
Income from First Fed. and First National Bank	2500.00
Total Estimated Income	<u>3600.00</u>

Estimated Expenses :

Scholarships	\$ 300.00
Pick and Shovel- Printing and mailing	600.00
Meeting hall rental	350.00
Refreshments -	
Birthday Party and 3 meetings	150.00
Show Setup	50.00
Christmas Party	50.00
Programs	75.00
Librarian	50.00
Treasurer	25.00
Secretary	25.00
Sunshine Corner	30.00
Historian	100.00
Junior Program	50.00
Dues to Affiliate Organizations-	
MWF	55.00
NAOESCHI	50.00
Comm. Arts Council	15.00
Officers Bond	60.00
Bulk Mailing Permit	40.00
P.O. Box Rent	26.00
Awards	125.00
Delegate Fee	150.00
Misc. Postage	100.00
Total Estimated Expense	\$ <u>2476.00</u>

President's Message

I want to sincerely thank each and every member who accepted the responsibility of serving on a committee. Every one of the "slots" are important. Collectively, they complement the work of the elected officers.

Since I am fairly new in the Club, I will be asking lots of questions, and I know that I will receive much help.

January 26th is a special day for our Club as it is our 30th Birthday meeting. Our annual Mid-Winter Swap will be held from 10 A.M. until 5 P.M. in the Nebraska room. (ground floor). The regular Meeting will begin at 7:30 P.M. I think that the program will be interesting to everyone. Coffee, cider and Anniversary Cake will be served to finish out the evening.

Many of us have become interested in lapidary work, then joined the Gem and Mineral Club. Perhaps you know of someone who would like to learn how to make cabachons, as well as polish other stones, but do not know where to find instruction. A new 10-week session of lapidary classes begins Monday evening, January 14. They are held in the AULD Center in Antelope Park. Anyone can call 471-7690 for further information.

See all of you at the Swap and Meeting on January 26th.

Claude Scott, President

★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

"ATTENTION ALL MEMBERS"

ATTENTION
PLEASE

ALL AMERICAN AWARD:

It's time to get in any information on what you've done this year to further the hobby. If you have displayed at any event or presented a program, please write out what you have done and get it to me.

THANKS

Janet Wright

ROCKHOUND'S TEN COMMANDMENTS

1. Thou shalt not covet thy neighbor's rock, yea though it be a beaut.
2. Avoid open shafts as ye would the devil
3. Thou shalt not jump thy neighbor's claim; for it be worse than stealing his wife while he diggeth in a deep hole.
4. Strike not a hard rock mightily while fools and children stoop to watch thy hammer strike with skill.
5. Roll not in Poison Ivy nor yet pluck it for bouquets, for its juice itcheth mightily.
6. Closeth all gates and refrain from destroying fences, or the bull wandereth in wrong pastures, and the herdsman crieth in rage "SHULPTHL". *

* This word does not bear translation, as even the stone it was carved on turned a deep pink, as if it was blushing.

7. Impose not thy dogs, cats or wilder offspring on thy fellow field trippers.
8. Roll rocks on no one except thy worst enemy, meanwhile keeping a sharp lookout up the hill from thee.
9. Enter not yon field without first receiving permission of the owner thereof, or you collect a slingstone * --on thy rear.

* Assyrian for charge of buckshot. (Not a new type of rock or stone)

Here our translation of the original document ends, as evidently some bigger fool than a rockhound, with a rifle and more rounds of ammunition than marbles, used the bottom line for a target.

SO - NO TENTH COMMANDMENT.

- Submitted by Irl Everett

★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

AS FOUNDER OF THE CLUB, IRL -- A VERY SPECIAL, SPECIAL

"THANK YOU" FOR THE BIRTH OF LG&MC!

- from Past, Present and Future Members

years 30 years 30 years 30 years 30 years 30 years 30 years 30 years 30 years

General Meeting, Jan. 26, 1985 - continued

President Scott said he hoped everyone was thinking about their exhibit and readying them for the Show.

CLUB'S 30th ANNIVERSARY:

This was a special meeting for LG&MC; it being the 30th Anniversary of the Club. Special Certificates were presented to Club Members with 15-30 years of membership by President Scott, as follows:

30 years-	Irl Everett	21 years-	Wm & Edith Holdorf
	Francis Tracy		Linda Parks
	Ewald Paul		Tom Rule
	Marian Waddle		Ralph Ulrich
29 years-	Helena Baegl		J.D. & Myrtle Young
28 years-	John Lewis	20 years-	Florence Lueninghoener
27 years-	Tom Simmons		Harold Eno
26 years-	Lois Everett		George McGinnis
	Lillie Lewis		Roger Pabian
25 years-	Dick Hornung	18 years-	Lynn & Marie Wells
	Jim & Phyllis Parks	17 years-	Norman Balliet
24 years-	Adeline Nolde		Glenn Lyman
	Marie Taylor		Robert Oliver
23 years-	Ruth Krejci		H.O. Paulson
	Bruce Simon	16 years-	Hal & Darline Janzen
	Jim Taylor		Glen Litzenberg
	Susan Taylor		Wilfrid Wittmann
22 years-	Frank Rule	15 years-	Donald & Virginia Green
	Wm Snider		John Harrison
	Fern Simon		Jim Marburger
			Albert & Olga Olson

PROGRAM:

The program was a narrated history of LG&MC presented by the Club Founder, Irl Everett, presented on cassette tape. It brought up many happy hours of the Club. Comments followed and were recorded.

Meeting was adjourned and evening closed with Anniversary Cake (baked by Vera Lyman), coffee and hot cider.

Respectfully submitted,

Vera Lyman
Vera Lyman, Secretary



1985 SHOW FINANCIAL REPORT - 27TH ANNUAL SHOW

INCOME:

Dealer Space - Retail	12 @ 175.00	= \$ 2100.00
Working Demo. Space	3 @ 25.00	= 75.00
Camper Fees		= 56.00
Raffle		= 45.00
Juniors (Grab Bags)		= 44.00
Gate Receipts		= <u>1733.21</u>

TOTAL INCOME

\$ 4053.21

EXPENSES:

Floor	\$ 2396.07
Dealer-Demo Expense	30.66
Publicity	669.21
Ribbons & Recognition	77.63
Programs	215.00
Sat. Night Awards Dinner	200.19
Green Rock Contest	17.92
Ticket Sales & Hand-out Programs	53.09
Special Feature (St. Paddy's Green Isle)	251.67
Raffle	11.02
Miscellaneous	<u>172.12</u>

TOTAL EXPENSES

\$ 4094.58

NET PROFIT <LOSS>

\$ <41.37>

Respectfully submitted

Vera Lyman

Vera Lyman, 1985 Show Chairman

My sincerest thanks again to the Lincoln Gem & Mineral Club for permitting me to serve in this capacity for a second time. It was indeed a challenge and another learning experience.

We did some new things this year which proved to be very rewarding. Even though the final figure shows a slight loss, the extra expenses which were incurred, were well worth it.

The many compliments received well out-weigh the minimal loss. I feel it was a real success and hope that all of you do too.

Thanks again to my super Show Committee.

Vera

SPECIAL FEATURE

27th ANNUAL GEM & MINERAL SHOW

Carving demonstrations by

Frances A. Latimer

Cassville, Missouri

Featuring:

"Watermelon Man"

"Piano Man"

Carvings of malachite and variscite

DEALERS

EVERETT LAPIDARY	Lincoln, NE
SIMON'S	Lincoln, NE
GEODON AGATES & GEMS	Naperville, IL
CUSTOM GEMS	Omaha, NE
WICK'S LAPIDARY	Springfield, OR
CLAUDE B. DAWSON	Dora, MO
DICK'S ROCK MUSEUM	Estes Park, CO
BROWN'S LAPIDARY	Bellevue, NE
EAGLE ROCK SHOP	Marsing, ID
WEST SIDE AGATES	Ames, IA
DeSOTEL ROCK SHOP	Cedar Rapids, IA
C & R ENTERPRISES	Springfield, MO

DEMONSTRATORS

FACETING	LAVERNE KARR, Doniphan, NE
STEAM CASTING	MARY McCARTNEY, Grand Island, NE
SCRIMSHAW	CONNIE McCARTNEY, Grand Island, NE
GEM TREES	DOLORES ROSE, Grand Island, NE
SILVERSMITHING	BARRY ROSE, Grand Island, NE
STAINED GLASS	HENRY HOHNHOLT, Kearney, NE

Hosted By

LINCOLN GEM & MINERAL CLUB, INC.



Agricultural Hall

Nebraska State Fairgrounds

Lincoln, Nebraska

March 16 - 17, 1985

LINCOLN GEM & MINERAL CLUB, INC.

1985 Officers

President	Claude Scott
1st Vice President	Roger Pabian
2nd Vice President	Linda Parks
Secretary	Vera Lyman
Treasurer	Phyllis Parks
Board of Directors	Mark Mercier
	Jim Stewart
	Marie Taylor
	Janet Wright

PROGRAMS

WELCOME to the 27th Annual Show of the Lincoln Gem and Mineral Club. We feel that we have "something for everyone" at our show.

This year we have some dealers who have never before exhibited in Lincoln.

We urge you to visit all of the dealers and demonstration booths, and see what a variety of beautiful merchandise they have to offer.

If you desire information about the show or our club, be sure to ask any member wearing a "HOST" ribbon.

Please enjoy the show and stay as long as your time permits.

Claude Scott, President

It is my pleasure to welcome you to the 27th Annual Lincoln Gem & Mineral Club, Inc. Show. Information about our club can be obtained from any club member wearing a "HOST" ribbon, or at our information table. The dealers will be happy to help you with any questions related to the "rockhound" hobby and have numerous supplies available for your purchase. The demonstrators will be showing their skills in a number of phases of this hobby. Interesting programs are being presented and we hope you will be able to attend several. Thank you for your support and special interest. We sincerely hope you will enjoy the entire show, and have a safe return home.

Vera Lyman, Show Chairperson

1985 Show Committee

Show Chairperson	Vera Lyman
Dealers/Working Demonstrators	Jim Taylor
Publicity	Roger Pabian
Ribbons/Recognitions	Marie Taylor
Programs	Janet Wright
Special Feature	Jim Taylor
Ticket Sales	Phyllis Parks
Awards Dinner	Susan Taylor
Junior Club Silent Auction	Ron McColery

Saturday, March 16, 1985

- 10:30 a.m. "MESA VERDE" by Garen Miller, Lincoln Gem & Mineral Club Junior Member
- 11:30 a.m. "POHOCCO'S REVENGE" (Man's Conflict with Nature) by Gilbert Lueninghoener, Professor Emeritus, Midland College, Fremont, Nebraska
- 1:30 p.m. "THE PINERIDGE AND LITTLE BADLANDS OF NEBRASKA" by David Nixon, State Museum (Morrill Hall) Superintendent
- 2:30 p.m. "CRYSTAL KINGDOM" (A three dimensional presentation) by Walter Erbach, Professor Emeritus, University of Nebraska - Lincoln
- 3:30 p.m. "OPALS" by Don Johannes, Geodon Agates & Gems, Naperville, Illinois
- 4:30 p.m. "HISTORICAL SIGNIFICANCE OF ASH HOLLOW" by Jeff Uhrich, Assistant Superintendent Ash Hollow State Park
- 7:00 p.m. "CARLSBAD CAVERNS" by Irl Everett, Everett Lapidary, Lincoln, Nebraska

Sunday, March 17, 1985

- 10:30 a.m. "HISTORICAL SIGNIFICANCE OF ASH HOLLOW" by Jeff Uhrich, Assistant Superintendent Ash Hollow State Park
- 11:30 a.m. "IVORY" by Don Johannes, Geodon Agates & Gems, Naperville, Illinois
- 1:30 p.m. "POLAR PICTURES" by Bruce Koci, Glacial Ice Coring Researcher with Polar Ice Coring Office, University of Nebraska - Lincoln
- 2:30 p.m. "MOCTEZUMA AGATES" by Roger Pabian, Associate Professor, Conservation & Survey Division, University of Nebraska-Lincoln
- 3:30 p.m. "ROCKS OF NEWFOUNDLAND" by Nan Lindsley-Griffin, Professor of Geology, University of Nebraska - Lincoln

Junior Display at LGMC



1985 - SHOW



Kids at a computer with a mineral game programmed by a junior.

Halloween Party Mtg.

(Sign-up)

- | | |
|------------------------------|---------------------|
| 1. Jan Wright - - - - - | 2 doz Sugar Cookies |
| 2. Ollie Hoffmanns | 2 doz. ? |
| 3. Shirley Rockel | 2 doz. ? |
| 4. Lyn Parks | mocha brownies |
| 5. Doreen + Neils Miller | 2 doz. choc. chips |
| 6. Paul & Billie Seffeltower | 2 doz. ? |
| 7. Gail Clare Scott | 2 doz. |
| 8. Helena Baegl | 2 doz. |
| 9. Taylors | cookies |
| 10. Everett | cookies |

DEATH STARS

On February 4th, Dr. Erle Kauffmann of the University of Colorado presented a lecture on extinctions of plants and animals to the students, faculty, and guests at the Department of Geology in Morrill Hall. The lecture was well-attended and it provided many thought provoking ideas.

A popular theory in modern times holds that the dinosaurs became extinct at the end of the Cretaceous Period when a gigantic meteorite, about 6 miles in diameter struck the earth. The ensuing explosion and dust cloud blocked out the sun's light for a lengthy period of time, estimated to be from several weeks long to several years long. This resulted in a cessation of photosynthesis, that act in which plants convert carbon dioxide into sugars, starches, proteins, etc. by utilizing the energy in sun light. The base of the food chain was destroyed, the small consumers died out, the larger consumers died out, and the carnivores and scavengers soon followed suit. Thus, the massive extinction at the Cretaceous-Tertiary boundary.

It sounds very reasonable. The evidence for such a meteoritic impact occurs in a number of widely separated areas in the world. There is in Denmark, for example, a sequence of Late Cretaceous age limestones that are made up of coccolith debris. That is, there were numerous plants, although microscopic, that were photosynthesizing their little hearts out. Suddenly, this haven of food production ceased. There is a layer of clay several inches thick that is enriched in the element, Iridium. This element is more common in space than on earth. The enrichment of Iridium in this clay layer is some 30 times greater than it is on the rest of the earth. In a somewhat younger sequence of Tertiary age marine sedimentary rocks overlying the Iridium rich clay, coccolith and dinoflagellates are again common. What we see is a time of rich carbonate production followed by a cease in carbonate production followed by rich carbonate production. Sunny skies followed by darkness followed by sunny skies. Dr. Kauffman pointed out that the youngest dinosaur fossil occurs about 10 feet below this impact event. This observation does not rule out the impact---it does rule out the possibility that the impact with this meteorite caused the extinction of the dinosaurs.

The Cretaceous-Tertiary boundary is, nevertheless, marked by the extinction of about 80 percent of the life forms on earth. Dr. Kauffmann pointed out that there is evidence to suggest that the earth has been periodically subjected to large meteor showers, on about a 26million year interval. These meteor showers took place in a time span of a million or so years. That is, conditions on earth had deteriorated at the start of a meteor shower, and an impact with a large meteorite simply delivered the coup de grace. A cursory glance of charts of extinction would lead one to think that some 400 species of ammonites became extinct at the time of the big impact. Only 9 species of ammonites existed at the time of the crash.

The Cretaceous-Tertiary boundary is not the only time of mass extinction in the earth's history. The lecture showed that a period of extinction at the early and late Cretaceous boundary was quite impressive. Some 70 percent of the existing species came to a screeching halt then.

The great extinction at the Cretaceous-Tertiary boundary was probably little more than a cake walk compared to the grand daddy of all extinctions that took place at the Permian-Triassic boundary. Something like 95 percent of the Late Permian species of plants and animals failed to cross the boundary. Only one genus of ammonites, Simberskites, made it across the Permo-Triassic boundary, but it gave rise to the several hundreds of Mesozoic age ammonite species.

Not only did the ammonites suffer badly at this time. Only one genus of inadunate crinoid came through, but it did not make it through the early Permian. An entire subclass of crinoids, the inadunates, gone in a very short time geologically. Not only did the inadunate crinoids go, but their relatives, the flexible crinoids, and the camerate crinoids died out here too. The flexibles and the camerates were probably endangered species at this time, but the inadunates were not. Most of the corals did not make it across this biological crisis line, and a lot of other marine invertebrate animals such as clams and snails failed then.

It has been postulated by at least one paleontologist, David Raup, at the Field Museum in Chicago that a mass extinction takes place about every 26 million years. Raup has proposed that our sun has a companion star that orbits our sun about every 26 million years. This is not unreasonable---most of the stars in our milky way galaxy are members of double or multiple star systems. There are many different kinds of stars. There are red giants that will spend all of their nuclear fuel in about 10 million years. Our own sun is a main sequence star that will continue to provide us with energy for about 2 billion more years. There are extremely dense white dwarf stars in which a cubic inch of their matter might weigh several million tons. Neutron stars are much denser yet. The nearest known star to our sun is Alpha Centauri, about $4\frac{1}{2}$ light years distant. This star is a main sequence star, similar to our sun, and about one million miles in diameter.

If our sun is a member of a double star group, or multiple star group, then, we need to find our companion stars. The 26 million year interval of mass extinctions suggests an impact with a comet or meteorite takes place in that time interval. What happens is that our companion star causes disruptions in the orbits of asteroids and comets, and these bodies get on a collision course with earth. To do all of these baddies to us, the companion star, hereafter called the death star needs to orbit our sun every 26 million years at a distance of about two light years. Why haven't we found this death star? It could be a dense, white dwarf, only about 10 thousand miles in diameter, or it could be a super dense neutron star, only about 400 miles in diameter. These would be difficult to find--the former would be almost impossible to find---the latter impossible at least.

Another possibility is that our companion death star is really a black hole. Black holes are the ultimate "gravity gluttons." Their field of gravity is so strong that the escape velocity they establish is greater than the velocity of light. That is to say, a black hole is absolutely invisible, but it can simply "suck" something out of existence. A massive black hole could be the size of a pin head---its gravitational anomalies could disrupt the orbits of asteroids and comets, causing the big collision, dust cloud, long winter, etc. Mass extinction.

A death star does not have to be. Astronomers have discovered some 200 asteroids that are on a collision course with earth. None will hit us soon. The next collision will take place in 12 million years. But should a 6 mile in diameter asteroid suddenly threaten us, all of the United States and all of the Soviet Union nuclear missiles could sufficiently deflect the asteroid.

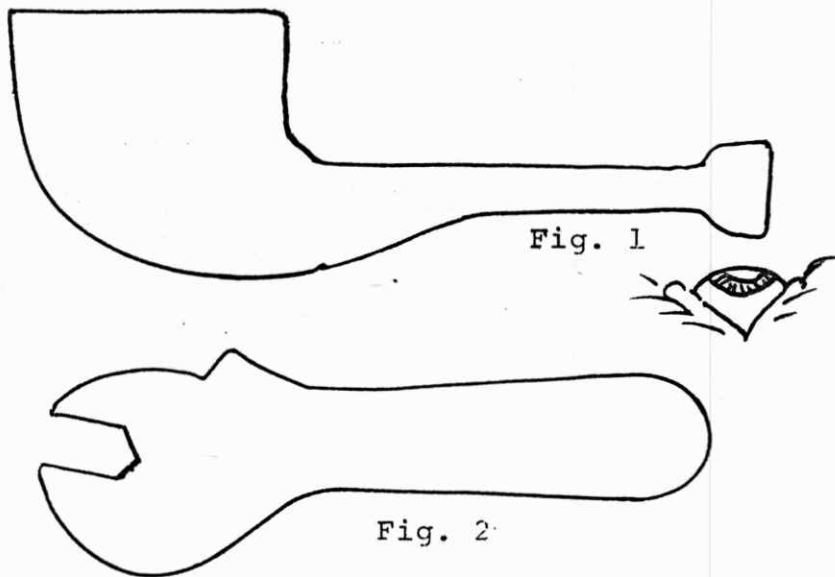
Dr. Kauffman's lecture left a lot of food for thought, as any good lecture should do.

Roger Pabian

P.S. Bring cut cabochons for display in February, as was planned for January. Cases will be furnished. RKP

PERSPECTIVE

At the recent Kansas City Show, my good friend, Bill White, of Independence, Missouri, gave me a couple of preformed cabochons that are illustrated in figures 1 and 2. Bill has a diamond wire saw and he is able to cut out some of these exotic shapes. Bill has won the AFMS trophy in cabochons and his grandson, Marty, has won this same trophy in the junior division.



Bill and I often discuss a subject I will refer to as cabochon theory. Here, we simply treat a cabochon as if it were a large collection of points in a curved space.

We should also give a few minutes to something called perspective, for an object may not appear to be what it is or what appears to be may be something it is not.

A lapidary may gain some insight into this by taking a common object and rotating it in space so that many different views can be seen. Try this with an oval cabochon to see the variations.

Figure 1 above is obviously a pipe and Figure 2 is a small crescent wrench. Properly tilted, each could be made to appear as elongated rectangles or a shortened rectangle. This can be accomplished simply by tilting the above objects in space. Each of the above objects also occurs in a plane in space, and if we take the pipe in Figure 1, and tilt the entire plane in which the pipe exists in a clockwise direction from the top of the page, the new perspective gives us a periscope. If we were to tilt the same pipe 45 degrees counterclockwise, it might appear as an old-fashioned ear trumpet.

This little exercise has considerable practical application not only in the workshop but also in the field. Often a fine agate, fossil, or crystal will not appear as such when it is seen. It is a good practice to work over the outcrop from several different directions. What may not show from one direction will be apparent from another. "Museum views" are rarely encountered in the field. One needs to learn how something appears from many different points of view. Even the terrain can dictate to the collector what path to take over the outcrop or gravel bar. Develop other pathways than the very obvious ones. The perspective that we can develop in the shop and in the field is not an inborn instinct but is something we can all have simply by changing the direction we walk or the orientation of an object in space or the orientation of the space in which the object exists. Try it.

NEIHARDT DAY - Aug. 4, 1985 - continued

The program traditionally closes with a recording of Dr. Neihardt reciting his translated version of Black Elk's Prayer. As usual the meeting was held under the stately shade trees, some of which the poet planted in the early 1900's. The weather was perfect, and the countryside was never more beautiful with its "Glad green miles of tillage." Attendance was lowered by the competition of other attractions, such as the Burt County Fair at Oakland.

Myrtle and I recall a thrilling return trip to Lincoln after a Neihardt Day, with Doctor Neihardt and his faithful white poodle, Jacquot. We were caught in sudden darkness by a near-tornado just south of Wahoo. We and several other cars sought safety (including a patrol car) off the highway No. 77 in the nearest farm driveway. Soon the power line to the farm landed on our car front. The lights went off in house and yard. A long section of downspout torn from the corner of the house about 100 ft. away crashed against my left front door. The rain poured down in torrents. Visibility was absolutely zero except for frequent lightning flash intervals. A tree fell across a woman's car just in front of ours. Many farm buildings were flattened by the wind and rain. The house stood, but window curtains were whipping outward, revealed by lightning flashes.

The brave, gray-haired poet was not at all worried, and the poodle snuggled on the car floor, asleep; but Myrtle and I "pulled leather" every time the car fluttered off the ground. The great man's hearing and eyesight were both weak and occasionally he would roll down his back door car window to see if rain was still falling, and it WAS!

The fury finally ended and we could see slow traffic had begun on the highway. Marooned cars, like ours, joined the motorcade toward Lincoln, dodging fallen trees and other debris; we avoided a head-on collision with a careless semi by taking to the muddy shoulder.

A Lincoln newspaper later published a feature with photo depicting the damage at that farm home. Obviously the photograph was shot from almost the same spot our car had occupied during that frightening evening.

By rare coincidence that same issue carried the Neihardt Day program story in which the poet was a speaker. He had expressed his ideas concerning death, and his fearless attitude about it. The story headline was "Poet Neihardt not afraid to die".

Some months later we witnessed his quiet death bed scene in his daughter Hilda's home near Columbia, Missouri, and we think he probably knocked without fear at "The Pearly Gates." His ashes were sifted from an airplane over the Missouri River, the favorite stream he chronicled in his The River and I. (1910)

The Omaha Indian Tribe near Bancroft had called him "Little Bull Buffalo", the Sioux named him "Flaming Rainbow".

- Submitted by J. D. Young

NEIHARDT DAY - Aug. 4, 1985

The Day is set by Governor's Proclamation as the first Sunday in August each year. In 1968 it was Gov. Norbert Tiemann's official duty. The Neihardt Center movement began in early 1965 by Bancroft's devoted Neihardt admirer, Evelyn Vogt, with a fund-raising dinner; so this year marked the 20th anniversary of the Neihardt Restoration Project. Each year's observance has a different Neihardt-related theme. For 1985 it was a quote from one of his epic poems, The Song of Jed Smith, "Nothing Matters But the Driving Force Behind You." (adapted, P. 88 lines 26-27)

That "driving force" (light) over the twenty years has produced wonders at the Neihardt Center in Bancroft. The poet wrote much of his works there in the small shack or "study", later abandoned. It has been restored and it is now listed in the National Register of Historical Places.

The symbolic Sioux Prayer Garden, designed by the poet, and the \$ 200,000.⁰⁰ Memorial Building, financed by act of Nebraska's Legislature, also feature the attractive grounds. The place is now a branch museum of Nebraska Historical Society. Hundreds of individuals, school and other groups visit it, at no admission charge. An annual spring conference is held there.

Displays and programs are rotated, and permanent memorabilia may be seen. The poet's favorite hobby was lapidary. He was an Honorary Life Member of our Lincoln Gem and Mineral Club. His handiwork has been in our two National Shows as well as the 1969 Salt Lake City Show, and local ones. Our Club donated a 700 lb. fossil cycad which graces the center of the circular, multi-level main floor in the Neihardt Center Memorial Hall.

Neihardt Foundation President Marie Vogt presided over this year's program, and the Rev. James Gerken, St. Paul's Lutheran Church, Bancroft, gave the invocation. The speakers included former Nebraska Governor Norbert Tiemann, Dallas, Texas, who proclaimed the first Statewide Neihardt Day in 1968, as previously mentioned. He called attention to Nebraska's lamentable No. 1 rank in "exporting" its educated young people to other states.

Omaha World-Herald staff writer, Tom Allan, told of his bringing Dr. Neihardt back to Bancroft to visit his early 1900's home. Margaret Hasebroock, whose late husband was a State Senator, recalled the legislature's final approval of the \$ 200,000.⁰⁰ appropriation for Neihardt Center Construction. Attorney Hilda Petri, Neihardt's daughter, praised Evelyn Vogt and others for helping to develop the Center.

James A. Hanson, now Nebraska's Historical Society Director, pointed out the necessity of recalling the lessons of the past to promote Nebraska's success. President Marie Vogt mentioned that the 1986 Spring Conference staff at Bancroft is planned to include William Least Heat Moon, author of the best selling book, Blue Highways; Bobbie Bridger, relative of famed frontiersman, Jim Bridger; and Hilda Neihardt Petri.

Calendar of Events

GENERAL MEETING: A special Halloween outing will
held again this year.
7:30 P.M. at the Bethany Park
shelter. October 26th, 1985
Those who signed up to bring
cookies please remember.

YOUTH MEETING: Same location, 7:00 P.M.

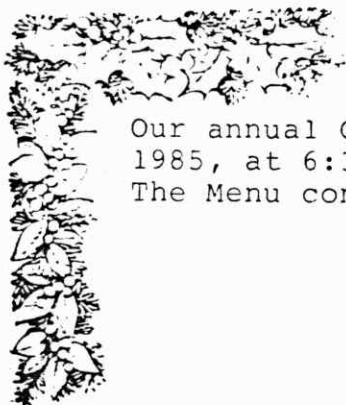
BOARD MEETING: 7:30 P.M., November 7th, 1985
American Charter S & L
40th & South Streets

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

OCTOBER 19-20	GRAND ISLAND EARTH SCIENCE SOC. Grand Island, NE	SHOW
OCTOBER 26-27	NORTHEAST NEBRASKA ROCK & MINERAL SOC. Norfolk, NE	SHOW
OCTOBER 5-6	SIOUXLAND GEM & MINERAL SOCIETY Senior Center, 3rd & Pierce, Sioux City, Iowa	SHOW

Regional Show Schedule 1985

CALIFORNIA	EASTERN	MIDWEST	NORTHWEST	ROCKY MOUNTAIN	SOUTH CENTRAL
Ventura	Charleston	Sioux Falls	Burley	Denver	Wichita Falls
California	W. Virginia	South Dakota	Idaho	Colorado	Texas
July 26-28	June 20-23	July 18-21	August 2-4	Sep. 13-15	April 5-7



"CHRISTMAS PARTY"

Our annual Christmas Party will be held on December 7, 1985, at 6:30 P.M. in the Columbus Room at Nebraska Center. The Menu consists of:

Turkey & Dressing
Au Gratin Potatoes
Corn
Tossed Salad
Roll & Butter
Milk, Coffee or Ice Tea
Apple Pie for dessert

Cost per meal is \$ 6.25 and reservations and money must be in to Phyllis Parks by Dec. 2.

There will be gift exchange for those who wish to participate.

* * * * *

COMMITTEE REPORT:

The Nominating Committee has completed it's work for the year. We have prepared what we feel is an excellent list of candidates to be elected to serve as the officers of the Lincoln Gem and Mineral Club for 1986.

The rest of the job is now up to you the members of the Lincoln Gem and Mineral Club. The annual election of officers will be held during our November meeting. Please be there.

The slate of candidates reads as follows:

President	- Linda Parks
1st Vice President	- Janet Wright
2nd Vice President	- Kevin Schwartzman
Secretary	- Vera Lyman
Treasurer	- Phyllis Parks
Board of Directors	- Marie Taylor
	- Fred Holbert
	- Nelia Miller
	- Tom Simmons

Jim Taylor, Chairman
Nominating Committee

JUNIOR LGMC

The October Meeting was a lot of fun for our Juniors. Brian Taylor and his brother came as the minerals realgar and orpiment. They received trophies for the most creative and most descriptive costumes. Ann Crawford came as magnetite, she had pieces of metal sewn on her black costume. A trophy for most realistic was awarded her for her effort. Garen Miller came as turquoise and because of the trueness to color of his costume he was given a trophy for most colorful. Reagan Wright's costume was a Mexican fire opal. She received a trophy for rarest specimen. Linda Parks and Andrea Wright both dressed as tigereyes. Andrea was given a trophy for prettiest rock. Linda was given the honor of being presented a trophy for the "Rockiest" costume. Adeline Nolte worn funny spectacles and a spider hat and was given the funniest costume award.

The Juniors will meet at 7 PM just prior to the regular LGMC November Meeting. We will talk about metamorphic rocks. If you have any specimens of **metamorphic rocks** bring them along.

★ CHRISTMAS PARTY 1985 ★

The Annual Christmas Party was held on December 7, 1985 at 6:30 P.M. at the Nebraska Center, Columbus Room.

All who attended enjoyed a delicious dinner and socializing with fellow Club members.

After dinner President Scott was awarded with a beautiful President's plaque for his service to the Club during the past year. Then Janet Wright was awarded with the "Rockhound of the Year" award for her work with the Junior members and Jr. activities.

The highlight of the evening was the presentation by Irl Everett of "The Grotto of the Redemption". It was a slide presentation which stirred great interest.

For the following, it was also a 'lucky' evening. They were winners of centerpiece candles and/or tree ornaments.

Mr. & Mrs. Tom Simmons	Mr. & Mrs. Heffelbower
Susan Taylor	Steven Green
Helena Baegl	Gilbert Lueninghoener
Nelia Miller	Fern Simon
Frank Rule	Vera Lyman
Wilfrid Wittmann	Claude Scott
Adeline Nolde	

At the close of the evening, those who wished, participated in a gift exchange.

Our THANKS again to Marie Taylor for a beautiful and "fun" Christmas party. Thanks too, for the beautiful table favors. (for those who don't know, I think she made them all; with a little help from Susan!)

* * * * *

Don't Miss This!

DUE TO CHANGE in Editorial Staff, please send all exchange bulletins to the following:



LINCOLN GEM & MINERAL CLUB, INC.
P.O. Box 5342
Lincoln, NE 68505-0342

This will be the permanent address for all exchange bulletins being sent to Lincoln Gem & Mineral Club.

THANK YOU

* * * * *

"HI" from the Sunshine Corner:

'Well Wishes' were sent to Wilfrid Wittmann this month.

HAPPY NEW YEAR

Bid farewell to the old year
And greet the new with anticipation.
No matter how great the past has been
'86 could be a sensation.
Renew your hopes and wishes
Think positive every day
And rockhounds I promise you
There's lots of gems along the way.

By Irene Wylie
-via The Hound's Tale



Juniors in costume at Halloween



and all dressed up for the



Christmas Party .

REPORT ON SPECIAL MEETINGS

In July the club put on a special display and demonstration at the Chet Ager Nature Center at Pioneer's Park. The club was well represented by many interesting and beautiful displays. A working display featured cutting and grinding equipment and was kept busy most of the day.

a steady stream of visitors kept the room full most of the day and many stayed to talk to the club members, watch the demonstrations and take the gemstone and geology quiz offered by the junior members. We made many new friends, got reacquainted with old friends and had some new people sign up as potential members.

After the displays were all taken down, the members adjourned to the park for a very fine picnic that ended at sundown and the coming of swarms of mosquitos.

Our meeting in August was to feature a guest lecturer from California and a swap for Australian gem materials. So much for the best laid plans of men and mice! A large group turned up at the Nebraska Center which included several visitors; but no speaker. That problem was soon remedied by the club members, however.

Bob Fixter gave a very interesting and informative talk on pearls. He explained the various kinds of pearls encountered in the gem trade, the criteria for valuing them and some tips on how to spot the genuine article. Then the Parks showed a film on the Tri-state Minerals. This was a film from the club library on a trip to one of the mines in the old tri-state lead mining area. This film was made by club members many years ago and was outstanding for the beauty of the specimens shown and the quality of the photography. everyone enjoyed what had started out to be a disappointing evening.

The editor

LINCOLN GEM & MINERAL CLUB, INC. - General Meeting, Jan. 26, 1985

The first meeting of the New Year was called to order by President Claude Scott at 7:30 P.M., Nebraska Room at the NE Center. He reported that we had a successful Rock Swap during the day and thanked Phyllis & Linda Parks for chairing the Swap.

Minutes of the November Meeting were read. (since no Dec. Pick & Shovel was mailed) Motion for approval as read by Susan Taylor, 2nd Paul Brauch. Motion carried.

Treasurer's report was read. Motion for approval by John Harrison, 2nd Jim Marburger. Motion carried.

> HOSPITALITY REPORT:

Susan Taylor reported 34 Adult and 3 Junior members present. She introduced the following guests:

Susan Kelly - friend of Mark Mercier

Larry & Greg - sons of Vera Lyman

Mr. & Mrs. Rockel - parents of Kevin Schwartman

She also reported H.S. Carson had been ill; the Green's had experienced sorrow with the passing of Don's father, and joy at the marriage of their daughter.

Susan also had a card for Irl, which all members were to sign; a special gesture for the founder of the Club.

NO OLD BUSINESS:

NEW BUSINESS:

The Board had discussed whether to rent a storage building to house all Club properties under one roof. Must act on this at Feb. Meeting. If we decide to do this, so it can be settled before the close of the Show. Then all properties can be moved directly from the Show to the Storage site.

> President called upon Linda Parks (in behalf of Marie Wells) to speak on Friends of Museum. She reported the following are needed: Need more members; Upgrade Museum; Climate control and extra space; Uni. not doing enough to keep employees interested. Exhibits are becoming damaged by change in humidity and bone displays are falling apart.

A workshop is planned at the Museum April 11-15 with Smithsonian Institute and possible lectures. Open house is held each year and this year it will be in Mead.

Linda listed the advantages of membership and applications were available.

SHOWS:

Fred Holbert announced that he is chairing the 1986 Show and had asked Jim Taylor to be his Dealer Chairman. He is hoping for 50% new committee members and 50% veterans.

Vera Lyman, Chairman for the '85 Show, asked each of her respective chairmen to report. Sign-up sheets were passed for set-up and tear-down Show days and also ticket sales. Response was very poor.

- continued

General Meeting, Jan. 26, 1985 - continued

President Scott said he hoped everyone was thinking about their exhibit and readying them for the Show.

CLUB'S 30th ANNIVERSARY:

This was a special meeting for LG&MC; it being the 30th Anniversary of the Club. Special Certificates were presented to Club Members with 15-30 years of membership by President Scott, as follows:

30 years-	Irl Everett	21 years-	Wm & Edith Holdorf
	Francis Tracy		Linda Parks
	Ewald Paul		Tom Rule
	Marian Waddle		Ralph Ulrich
29 years-	Helena Baegl		J.D. & Myrtle Young
28 years-	John Lewis	20 years-	Florence Lueninghoener
27 years-	Tom Simmons		Harold Eno
26 years-	Lois Everett		George McGinnis
	Lillie Lewis		Roger Pabian
25 years-	Dick Hornung	18 years-	Lynn & Marie Wells
	Jim & Phyllis Parks	17 years-	Norman Balliet
24 years-	Adeline Nolde		Glenn Lyman
	Marie Taylor		Robert Oliver
23 years-	Ruth Krejci		H.O. Paulson
	Bruce Simon	16 years-	Hal & Darline Janzen
	Jim Taylor		Glen Litzenberg
	Susan Taylor		Wilfrid Wittmann
22 years-	Frank Rule	15 years-	Donald & Virginia Green
	Wm Snider		John Harrison
	Fern Simon		Jim Marburger
			Albert & Olga Olson

PROGRAM:

The program was a narrated history of LG&MC presented by the Club Founder, Irl Everett, presented on cassette tape. It brought up many happy hours of the Club. Comments followed and were recorded.

Meeting was adjourned and evening closed with Anniversary Cake (baked by Vera Lyman), coffee and hot cider.

Respectfully submitted,

Vera Lyman
Vera Lyman, Secretary



... JUNIORS

A Field Trip To Grandpa's Basement

It all started one Saturday morning. I had been trying to think of an exhibit for the show, when my dad suggested I do an identification exhibit. I liked the idea, but I needed more specimens in order to do it. My search took me to my grandpa's house. He took me into the basement to find what I needed. I hadn't been down there often, and the "DANGER! HARD HAT AREA" sign still scared me. He took me to the section of the basement where he keeps the rocks. Then I told him what I needed and he went to the shelves and started pulling out boxes of rocks until he found the one he was looking for. After looking through the box for a few seconds, he started telling me what all of them were and where he had found them. It was a lot of fun going on a field trip to Grandpa's basement.

Anne Crawford.

TOP SECRET ASSIGNMENT Code name: GGM (Green Gems & Minerals).

- I) Unscramble the letters to find name of rock.
- II) Fill in blanks and boxes with rock name.
- III) Unscramble letters in boxes to find out what March 17th is.

— — — ☐ — — — — — ☐ —

R A P Y S C O H R E S

— — — — — ☐ — — — — —

I C T V E A R S I

— ☐ — —

D E J A

— — — ☐ — — — — — ☐ —

L H I A M A C T E

— — — — — ☐

R E M L A D E

☐ — — — — — ☐

T P O D I R E

Box letters: ☐☐ . ☐☐☐☐ ' ☐ ☐☐☐

President's Message

As I write this, it is doubtful if the March issue of the Pick and Shovel will reach the members before the annual show. With all the planning and organizing that has been done, I am sure that the 1985 Spring show will be a very good one. We are all "thinking positive" that the weather man will cooperate 100%.

I hope that all members are thinking ahead toward the regular March meeting and plan to attend. It will be held the 23rd. We will have a show report and a good program.

See all of you on the 23rd.

Claude

* * * * *

A BILL TO RESTRICT LAPIDARISTS: A bill has been introduced in Congress (H.R. 1703) which, if enacted into law, would prohibit hobbyists from cutting cabochons and faceting stones and selling them to jewelers. According to Brian Conger of the Rochester, New York Lapidary Society, "the dealers at your local rock and gem shows will be affected by this and the viability of the gem and mineral shows themselves will be also". He urges club members to write letters to their congressmen to vote against the bill.

From THE PICK & CHISEL Via THE
AGATIZER & T-TOWN ROCKHOUND

I don;t know anything about this but it would be wise to check it out.- The editor



JUNIORS

A SUMMER FIELD TRIP

Andrea and I went to western Nebraska with our mother. She is studying rocks that are there. She was looking for fossil roots. My grandma and grandpa brought their camper. One day I got to go with my mom to an outcrop of Ogallala formation. We walked up the side of the hill. We saw a bull snake. At first we thought it might be a rattle snake. When we got up on top, my mom caught a horned toad for me. Then I had to go down to the bottem. There I found another horned lizard. On another day, grandpa helped my mom measure while we watched from the car. I got very very hot. Then we went back to the camp. After a couple of days we went home.

By Reagan Wright

ROCKHOUND

WORD SEARCH:

Find the rocks hiding in the puzzle.
The extra letters spell a secret message.

```

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

Words are hidden backwards,
forwards, horizontally, vertically,
and diagonally.

word list

agate	obsidian
amazonite	onyx
ammonite	opal
aquamarine	pearl
beryl	peridot
canyon (teepee)	pyrite
chrysocolla	quartz
chrysoprase	rose (quartz)
coral	ruby
diamond	salt
emerald	sapphire
galena	silver
garnet	tourmaline
gem	trilobite
geode	turquoise
gold	victoria (stone)
jade	wood (petrified)
jasper	yag
lava	zircon
mica	

- Courtesy of Linda Parks

December 26th, 1984

Greetings to LG&MC:

We arrived here in South Texas last week; in fact December 19th. Weather has been good. In fact, one day it got up to 84° and Regular Gas is 96.9 per gallon.

There will not be any oranges and grapefruit this year. Last year all the trees and fruit froze, so it will be a time before the trees come back to full production.

We are getting ready to do our 2 January Shows while we are here. We have 2 Shows in January and 1 in February down here. Then we will be home in March for our own Show in Lincoln,

We have been checking out our suppliers and trying to buy some new items for our Show. We did buy some new Soapstone - Jade - and other carving and will buy the Onyx later on.

Our friends who were here last year have come back so we had a great time with them.

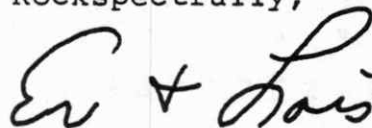
I've "volunteered" again to be the Activities Director and am planning our nightly doings. We already have had one slide program and some games for those who were here over Christmas and New Year.

Christmas Eve we had a Big Pizza Party and then Christmas Day some of us went out to a "Fancy" Motel and ate Christmas dinner.

It seems so funny down here because 1st there is NO snow and it's almost hot for Christmas. 2nd, these folks down here really celebrate Christmas. They do it in a different way. They have Fireworks on Christmas night and New Years night. Then on New Years Day the big meal always has Black Eyed Peas in the meal. They believe the Black Eyed Peas will make them prosper through the New Year.

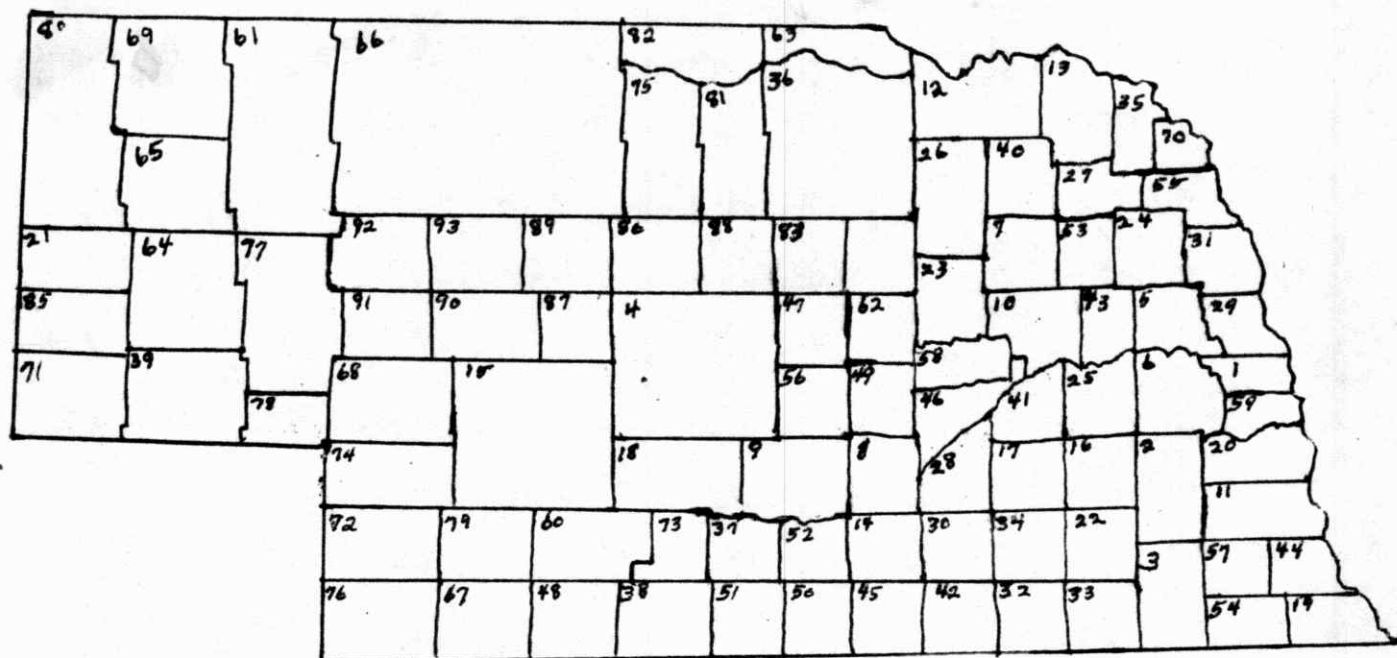
Well, have a Good Winter, I know we will.

Rockspectfully,



Write me! OK? OK!

I. Everett
Rte. 2 Box 428
Edinburg Texas 78539



Project: 'Gems of Nebraska on Location' update

All Lincoln Gem & Mineral Club members are invited to participate by searching for representative gem materials from our state with special attention to those counties where we do not have a stone displayed.

Attached is a list of the counties which are not yet represented, identified by the official county index numbers as shown on this Nebraska map.

1 Douglas	28 Hamilton	47 Valley	75 Brown
4 Custer	30 Clay	48 Red Willow	76 Dundy
7 Madison	31 Burt	49 Howard	79 Hayes
8 Hall	32 Thayer	50 Franklin	81 Rock
9 Buffalo	34 Fillmore	52 Kearney	82 Keya Paha
10 Platte	35 Dixon	55 Thurston	83 Garfield
14 Adams	37 Phelps	59 Sarpy	85 Banner
16 Seward	38 Furnas	60 Frontier	86 Blaine
17 York	39 Cheyenne	62 Greeley	87 Logan
18 Dawson	40 Pierce	63 Boyd	88 Loup
22 Saline	41 Polk	65 Box Butte	89 Thomas
23 Boone	42 Nuckolls	67 Hitchcock	90 McPherson
24 Cuming	43 Colfax	70 Dakota	91 Arthur
26 Antelope	45 Webster	72 Chase	92 Grant
27 Wayne	46 Merrick	73 Gosper	93 Hooker



FROM YOUR LIBRARIAN - The club recently acquired a group of books from Irl and Lois Everett which have now been catalogued and placed with the rest of our Library. Thank You Lois and Evy for sharing these volumes with us. Several of these books should appeal to the serious geologist and student.

- Arizona Gem Fields, Alton Duke, 1956.
The Changing Science of Mineralogy, Cornelius S. Hurlbut, Jr., & Henry E. Wenden, 1964.
College Geology, Thomas C. Chamberlin & Rollin D. Salisbury, 1909.
The Curved or Faceless Group, Howard Barnes, 1974.
Field Book of Common Rocks and Minerals, Frederic B. Loomis, 1923.
How to Know the Minerals and Rocks, Richard M. Pearl, 1955. (2 copies)
How to Preserve Animal and Other Specimens in Clear Plastic, Cleo E. Harden, 1963.
Introductory Geology, Thomas C. Chamberlin & Rollin D. Salisbury, 1914.
Nuclear Terms: A Brief Glossary, U.S. Atomic Energy Commission/Division of Technical Information.
Optical Mineralogy (formerly Thin Section Mineralogy), Austin F. Rogers & Paul F. Kerr, 1942.
Physical Geology and Man, Kenneth K. Landes, 1948.
Principles of Geology, James Giluly, A. C. Waters, & A. O. Woodford, (2nd edition), 1951.
Principles of Geomorphology, William D. Thornbury, 1954.
Structural Geology, Charles M. Nevin, (4th edition), 1931.
A Textbook of Geology, Amadeus W. Grabau, 1920.

This year we also received books courtesy of Marian Waddle from the collection of C. Ray (pappy). As you can see by the dates printed, some are well-used and quite fragile. Thanks to Mrs. Waddle for sharing them with us.

- American Gem Cabochons, William C. McKinley, 1939.
A Complete Treatise on the Electro-Deposition of Metals, Dr. George Langvein, (translated from the 6th German edition), 1909.
Elements of Mineralogy, Frank Rutley, 1916.
A Field Guide to Rocks and Minerals, F. H. Pough, (3rd edition), 1960.
Handbook & Catalogue of Collections of Gems & Precious Stones in U.S. Nat'l Museum, G. P. Merrill, Head Curator of Geology, 1922. (very fragile)
A Handbook of Rocks: For Use Without the Microscope, James F. Kemp, (2nd edition, revised from 1896), 1900.
How to Prospect for Uranium, Harry Kursh, 1955.
Jewelry Gem Cutting and Metalcraft, William T. Baxter, (revised edition), 1938.
A Key to Precious Stones, L. J. Spencer, 1946.
Mineral Resources of the United States, G. F. Loughlin, 1922.
Minerals and Gemstones of Nebraska, Roger K. Pabian, 1971.
Minerals of Colorado: A 100 Year Record, Edwin B. Eckel, 1961.
Prospecting for Uranium, USAEC & USGS, 1951.
Record in Rock, Roger K. Pabian, 1970.

miscellaneous pamphlets and folders

Remember - These publications and any other club volumes may be checked out from Jim Parks at Hurlbut's, 7331 Thayer St., 9:30 to 5:30 weekdays, 9:30 to 4 Saturday.

- continued

LGMC Library Listing as of May 1985 -

- Geology, Principles & Processes, William Emmons
Guidebook for Field Conference - D, Central Great Plains - 1965 INQUA
Dr. C. B. Schultz, UNL, Dr. H.T.U. Smith, U. Of Mass.
Guides to some Volcanic Terrains in Wash., Idaho, Oregon & N. Calif.,
Geological Survey #838 - '81 Dept. Interior
Handbook & Catalogue of Collections of Gems & Precious Stones in U.S. Nat'l
Museum, G.P. Merrill, Head Curator Geology, 1922 (very fragile)
Handbook of Rocks: For Use Without the Microscope, James F. Kemp, (2nd edition,
revised from 1896) 1900
How & Why of Picking up Agates, Robert & Hazel Minton
How to Know the Minerals and Rocks, Richard M. Pearl, 1955 (2 copies)
How to Preserve Animal and Other Specimens in Clear Plastic, Fleo E. Harden, '63
How to Prospect for Uranium, Harry Kursh, 1955
Introductory Geology, Thomas C. Chamberlin & Rollin D. Salisbury, 1914
Jewelry Gem Cutting and Metalcraft, William T. Baxter, revised edition, 1938
Jewelry Making, Murry Bovin
Jewelry Making, Greta Pack
Key to Precious Stones, A; L.J. Spencer, 1946
Lake Superior Agate (Rainbow in Rock) Theodore Vanassa
Lapidary Techniques (for City Rec. Class) John A. Lewis
Late Paleozoic Trilobites S. E. Nebr., Roger K. Pabian/J. A. Fagerstrom
Lincoln Gem & Mineral Club, Inc.; History Highlights 1955-1979
Loess & Related Eolian Deposits of the World -V.12 INQUA - 1965,
Dr. C. B. Schultz, UNL/John C. Frye, Il. Geological Society
Mineral Digest-Volumes 1,2,3 & 4, Julio Tanjelogg
Mineral Identifier (colorful) 2 copies, Anthony C. Tennissen, Ph. D.
Mineral Kingdom, Paul E. Desautels
Mineralogy, A Textbook of, Edward Dana
Mineralogy for Amateurs, John Sinkankas
Mineral Resources of the United States, G. F. Loughlin, 1922
Minerals and Gemstones of Nebraska, Roger K. Pabian, 1971
Minerals of Colorado; A 100 Year Record, Edwin B. Eckel, 1961
Minerals and Rocks-How to Know, Richard Pearl
Minerals Yearbook-1947 (U.S. Dept. Int.) Allan F. Matthews
Modern Earth Science (Textbook) William Ramsey & Raymond E. Burckey
Mohave Desert, A Guide Map, Mary Francis Berkholz
Nebraska Academy Science Transactions, All recent volumes
New Mexico Mines & Minerals-1904, Fayette Alexander Jones
Nuclear Terms: A Brief Glossary, U.S. Atomic Energy Commission/Division of
Technical Information
Oil & Gas, Environmental Assessment of BLM Leasing Program, Butte District,
U. S. Geo. Survey, Philip T. Hayes
Optical Mineralogy (formerly Thin Section Mineralogy) Austin F. Rogers
and Paul F. Kerr, 1942
Petrified Forest, A Story of, Harold Broderick
Physical Geology and Man, Kenneth K. Landes, 1948
Popular Prospecting, H. C. Dake
Principles of Geomorphology, William D. Thornbury, 1954
Prospecting for Uranium, USAEC and USGS, 1951
Rock Collecting in the State of Iowa, a folder
Rock & Gem Polishing, Edward Fletcher
Rockhound Primer of Arizona, Getzinger

Report from your Librarian - It has been several years since we printed the complete list of materials which are in our club library and many books have been added each year. This revised list will be as complete as we can make it so we hope that you will save these pages for easy reference in case you are looking for a reading project.

- Aaron's Breastplate, Story by Paul A. Davis
Agate Fossil Beds; A National Monument, Dept. Interior, 2 different printings
American Gem Cabochons, William C. McKinley, 1939
Arizona Gem Fields, Alton Duke, 1956
Arizona Nonmetallics-Uni. Arizona, E. Wilson
Audio Visuals-see listing at end of list with other helps
Black Light-Fascinating Fluorescence, Edmund A. Braun
Changing Science of Mineralogy, Cornelius S. Hurlbut, Jr. & Henry E. Wenden, 1964
Chemical Index of Minerals, Max Hey
Collecting Rocks & Minerals, My Hobby, David E. Jensen (Youth)
College Geology, Thomas C. Chamberlin & Rollin D. Salisbury, 1909
Color Treasury of Crystals, Crescent Books
Colorado Gem Trails - 2nd Edition revised
Complete Treatise on the Electro-Deposition of Metals, Dr. George Langvein,
(translated from the 6th German edition), 1909
Coppercraft and Silver Made at Home, Karl Robert Kramer and Nora Kramer
Crinoids, Classification, Paleoecology, and Biostratigraphy of, Nebr. Museum Bulletin
Roger K. Pabian & Harrell L. Strimple
The Curved or Faceless Group, Howard Barnes, (1st Ed. 1973, Rev. 1974)
Dana's Manual of Mineralogy-16th ed. Cornelius S. Hurlbut, Jr..
Dana's System of Mineralogy, Volumes I, II, III, James Dana & Edward Dana
Dinosaur Natl. Monument and Vicinity with Emphasis on Geologic Features, U.S. Geo.
Survey, Philip T. Hayes and George C. Simmons
Elements of Mineralogy, Frank Rutley, 1916
Field Book Common Minerals/Rocks, Frederic Loomis, (2 copies)
Field Guide to Rocks & Minerals, Frederick Pough, (2nd & 3rd editions)
Fire Opal of Guatemala, Matilda Bailey (Fiction)
Fluorescence, The Story of, Raytech Equipment Co.
Fossil Book, The, Fenton and Fenton
Fossil Crinoid Studies, Roger K. Pabian/Harrell L. Strimple
Fossils, Exploring World of, William H. Matthews III, (Youth)
Fossils, Introduction to Prehistoric, William Matthews III
Gem Cutting-2nd Edition, John Sinkankas
Gem Hunters Atlas, Western-6th Edition, Cy Johnson
Gem Identification, Robert Webster
Gems in the Smithsonian, Paul E. Desautels
Gemstones of North America, John Sinkankas
Gemstones of the World, Walter Schumann
Gem Trails, Midwest, June Culp Zeitner
Gem Trails, Northwest, H. C. Dake
Gem Trails, Utah, Bessie Simpson
Geologic History of Scotts Bluff National Monument, Roger K. Pabian/James B.
Swinehart II
Geological Survey of Wyoming, Frank Osterwald
Geology; College Outline Series, Richard Field
Geology, A Compend of, Joseph Le Conte
Geology, Intro. to Historical, Raymond Moore
Geology of Ponca State Park, Nebraska, Educ. Circ. #6, Roger K. Pabian /Dennis R. Lawton

The 5" x 7" posters are hand bills

These hand bills were distributed at banks and at the Federal Building in Lincoln

The 8½" x 11" posters advertise

These posters were placed on bulletin boards in stores and banks and at the University of Nebraska in Lincoln

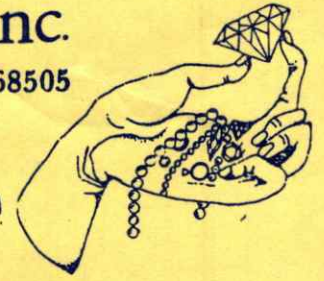
Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505



invites you to attend its

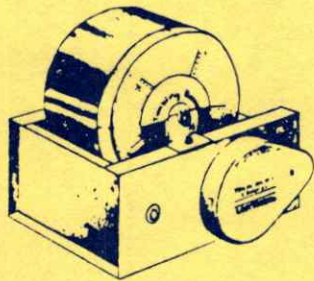


27th Annual Gem & Mineral Show

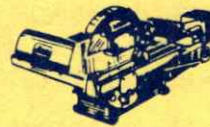
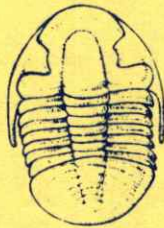
march 16, 17, 1985

Agricultural Hall

Nebraska State Fairgrounds



TUMBLERS



SAWS

AGATE



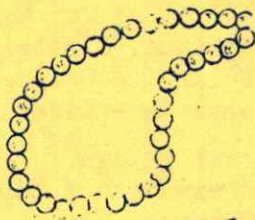
TURQUOISE



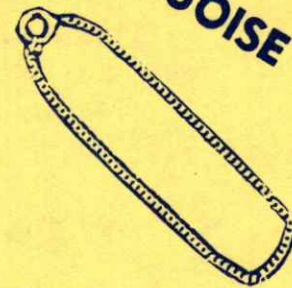
FINDINGS

JASPER

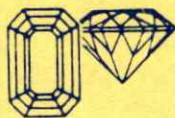
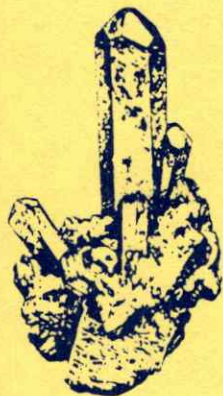
**WE
HAVE
IT ALL!**



RAFFLE

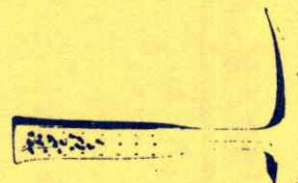


DOOR PRIZES



AQUAMARINE
AMETHYST
TOURMALINE
GARNET
CAT'S-EYE

PRECIOUS TOPAZ
CITRINE
PERIDOT
KUNZITE
RUBELLITE



SHOW HOURS:

Saturday, March 16, 9:00 - 8:00
Sunday, March 17, 9:00 - 5:00

ADMISSION:

Adults.....\$1.50
Students with ID.....\$1.00
Senior Citizens with ID \$1.00
Children.....\$0.50
Under 6, free with adult.

PROGRAMS

Saturday, March 16, 1985

- 10:30 a.m. "MESA VERDE" by Garen Miller, Lincoln Gem & Mineral Club Junior Member
- 11:30 a.m. "POHOCCO'S REVENGE" (Man's Conflict with Nature) by Gilbert Lueninghoener, Professor Emeritus, Midland College, Fremont, Nebraska
- 1:30 p.m. "THE PINERIDGE AND LITTLE BADLANDS OF NEBRASKA" by David Nixon, State Museum (Morrill Hall) Superintendent
- 2:30 p.m. "CRYSTAL KINGDOM" (A three dimensional presentation) by Walter Erbach, Professor Emeritus, University of Nebraska - Lincoln
- 3:30 p.m. "OPALS" by Don Johannes, Geodon Agates & Gems, Naperville, Illinois
- 4:30 p.m. "HISTORICAL SIGNIFICANCE OF ASH HOLLOW" by Jeff Uhrich, Assistant Superintendent Ash Hollow State Park
- 7:00 p.m. "CARLSBAD CAVERNS" by Irl Everett, Everett Lapidary, Lincoln, Nebraska

Sunday, March 17, 1985

- 10:30 a.m. "HISTORICAL SIGNIFICANCE OF ASH HOLLOW" by Jeff Uhrich, Assistant Superintendent Ash Hollow State Park
- 11:30 a.m. "IVORY" by Don Johannes, Geodon Agates & Gems, Naperville, Illinois
- 1:30 p.m. "POLAR PICTURES" by Bruce Koci, Glacial Ice Coring Researcher with Polar Ice Coring Office, University of Nebraska - Lincoln
- 2:30 p.m. "MOCTEZUMA AGATES" by Roger Pabian, Associate Professor, Conservation & Survey Division, University of Nebraska-Lincoln
- 3:30 p.m. "ROCKS OF NEWFOUNDLAND" by Nan Lindsley-Griffin, Professor of Geology, University of Nebraska - Lincoln

Events

Walpurgisnacht festival, sponsored by UNL Campus Activities and Program Office, Nebraska Union, 14th & R, 7 p.m.-2 a.m. Fri. (□ for some events)

Forum: "God — Gender and Idolatry," with Patricia Beattie Jung, assistant professor of religion, Concordia College, Moorhead, Minn., Shirk Teaching Center, Olin Hall of Science, 50th & Huntington Av., 10 a.m. Fri.

Peace Games benefit, by Lincoln chapter of Nebraskans for Peace, Unitarian Church, 6300 A, 7:30 p.m. Fri. Games & refreshments □

Rock Swap, sponsored by Lincoln Gem and Mineral Club, Nebraska Center for Continuing Education, 33rd & Holdrege, 10 a.m.-5 p.m. Sat.

Flea market, Pershing Aud., 10 a.m.-5 p.m. Sat.-Sun. □

Winter family fun, open space, indoor games & outdoor ice-skating, Easterday Rec. Center, 6130 Adams, 1-5 p.m. Sun.

Hyde Observatory, south road of Holmes Park, 70th & Van Dorn, 7:30-10 p.m. Sat. For special presentations, call 471-7960.

Sky show: "The Return Of Comet Halley," Mueller Planetarium, 202 Morrill Hall, 2:30 p.m. Sat., 2:30 & 3:45 p.m. Sun.

Square dances, Swing 'Em In Gingham, UAA Bldg., 1244 High, 8 p.m. Fri.; Trinity Squares, Trinity Methodist Church, 16th & A, 8 p.m. Fri.; Circle 8, Auld Pavilion, Antelope Park, 32nd & Sumner, 8 p.m. Sat.; Hi-Flyers, UAA Bldg., 1244 High, 8 p.m. Sat.; Grande Squares, Bethany Christian Church, 1645 N. Cotner, 7 p.m. Sun.

WINTER BLAHS GOT YOU DOWN???

come to the January rock swap!

Hosted by: The Lincoln Gem & Mineral Club,, Inc.

Date: January 26, 1985, 10:00 A.M. to 5:00 P.M.

Followed by: Club's 30th Anniversary Meeting, Program & Celebration
beginning at 7:30 P.M.

To be held at: Nebraska Center for Continuing Education,
33rd and Holdrege Streets, 1st floor -
The Nebraska Room, North Annex-West door loading

Tables, chairs and coffee will be provided -
Food available nearby.

Bring some rocks, gems, minerals, fossils, stories, to swap with other
Rockhounds.

. . .Direct swapping or swapper bucks only. . .

Silent Auction - Proceeds to one of LGMC's Scholarships.

You're all invited to come and join us for a fun time. Club members
and Guests have enjoyed this event yearly since our first one January 1979.

Some of the best swapping has been in the tall tales division.

7th ANNUAL INDOOR SWAP

For further information call Phyllis or Lyn Parks - 476-6798 or 466-5440.

7th Annual

ROCK

SWAP

To be held at: Nebraska Center for Continuing Education
33rd and Holdrege Streets
The Nebraska Room
1st floor--North Annex (West door loading)

SATURDAY, JANUARY 26, 1985

10:00 A.M. - 5:00 P.M.

Tables, chairs, coffee, and WARMTH will be provided. Food available nearby.

Bring some rocks, gems, minerals, fossils, and stories to swap with other rockhounds.

...Direct swapping or swapper bucks only...

Silent Auction--proceeds to one of LGMC's scholarships.

**LINCOLN GEM AND
MINERAL CLUB**

Followed by: Club's 30th Anniversary Meeting, Program, and Celebration at 7:30 P.M.

PARTICIPANTS

AT OTHER CLUBS

Gale Clare and Claude Scott - attended the Grand Island Show

Dave Heffelbower - Mid-Western Federation Show at Sioux Falls,
South Dakota

Fred F. Holbert - Attended the Grand Island and MWF Show at
Sioux Falls and the Omaha Show

Kevin Schwartman - MWF Show at Sioux Falls, South Dakota and
Omaha, Nebraska

Bill and Shirley Rockel - MWF Show at Sioux Falls and the Omaha
Show



Everett Lapidary Shop

THE CAPITOL CITY'S FIRST ROCK SHOP

2941 North 65th • Lincoln, Nebraska 68507 • Phone: (402) 466-6204

HI JANET:::

THIS IS A LIST OF THE THINGS EITHER LOIS OR I HAVE DONE IN 1985 THAT YOU MAY
COSE FROM. I DON'T KNOW IF YOU CAN USE AN^T# OF IT. IF NOT O.K.

LOIS:::DISPLAYED AT 6 GEM SHOWS. SHE SHOWED EITHER HER ROCK PICTURES OR HER
LAGUNA AGATES.

LOIS::: SET IN ON MEETINGS AT THE MID WEST GEM SHOW IN SIOUX FALL SO.DAK.

LOIS ATTENDED 9 GEM & MINERALS SHOWS. IN 1985

IRL :::GAVE 3 SLIDE SHOW TO DIFFERNT CLUBS. AROUND 35 AVERAGE FOLKE WERE
THERE..... AT EACH SHOW....

IRL & LOIS:::DONATED AROUND 7 or 8 BOOKS TO THE L.G.&.M.C. LIBRARY...

IRL...AT OUR OWN SHOW SLIDES ON CARLEAD CAVERN...& GROTO OF REDEMPTION..

IRL...WORKED ON LONG RANGE COMMITTEE IN 1985...

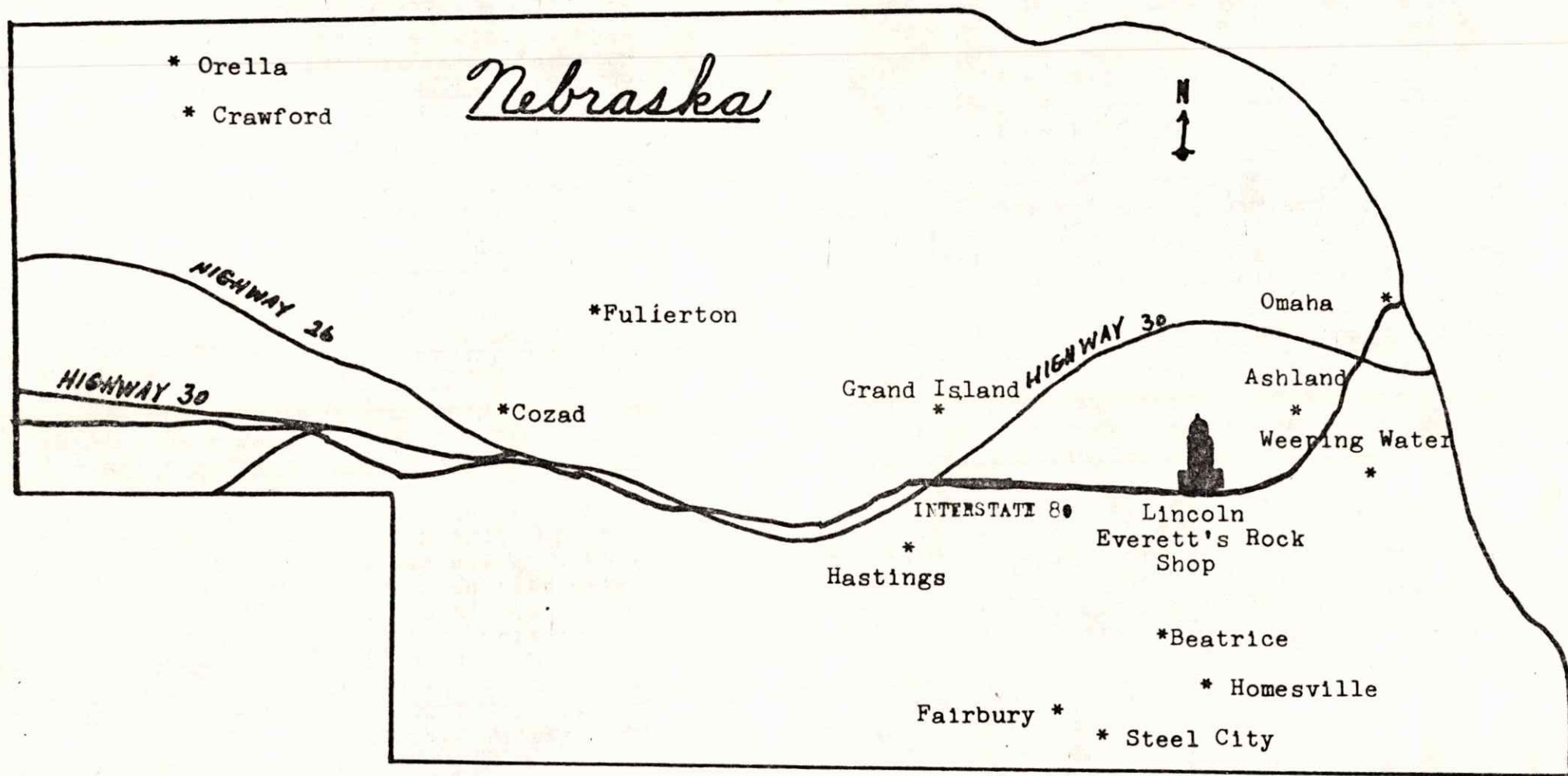
LOIS...WORKED ON AUDIT COMMITTEE FOR L.G.&.M.C.

IRL & LOIS...PASSED OUT FLYERS OF THE LINCOLN SHOW.

WELL I DON'T KNOW IF THIS O.K. OR NOT BUT MAYBE YOU CAN USE
SOME OF IT.....

ROCKSPECTFULLY
EVEY

EVERETT LAPIDARY
Box 428 - Route #2
Edinburg, Tex. 78549



"THE CAPITOL CITY'S FIRST ROCK SHOP"

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

GEM FIELDS IN EASTERN NEBRASKA

AGATES: Fairbury--Jefferson County; Steel City--Jefferson County: Found in the many sand pits in this area. This type of rock, while not noted for bright colors, should not be sold short as it takes a very nice polish.

PETRIFIED WOOD: Fairbury, Steele City, Cozad, Holdrege, and Kearney. Found in Sand Pits.

MOSS AGATE: Same as petrified wood.

GEODES: Some with blue calcite crystals.

Gage County. Road Dept. Rock Quarry at Wymore, Nebr. (near Beatrice). Go 2 miles downstream and across the Blue River east of Wymore. Also you will find quartz-lined geodes, flint, five miles south of Blue Springs, Nebr. on the east bank of the river.

WHITE GEODES: Quarry southwest of Homesville on the west side of the Blue River. You can take a little time and find some very choice specimens. (Please leave area as you found it.)

JASPER: Found at Fairbury in the sand pits.

AGATES, PETRIFIED WOOD, and JASPER: Asnland, Saunders County. Found in all sand pits along both sides of the Platte River. Also can be found at Plattsmouth, La Platte, Fremont, Morse Bluff, and Louisville. Stop in any of these pits and look. (Don't forget to use common sense with other people's property).

FOSSILS: Found at Weeping Water, Nebr., Cass County. Take Highway 50 north from Highway 34 and go to Weeping Water corner, then go east till you are almost into town. You will see a large quarry on the north side of the road. Please be considerate of the other fellow.

NOTE: There are lots of folks in this world today who ruin good "Gem Fields" for the other fellow by being "Rock-hogs" instead of Rockhounds. I have seen and read of many more places being close because someone didn't think of the other fellow's property. Please be considerate.

GEMFIELDS IN WESTERN NEBRASKA

CHALCEDONY: (Some Iris Agate) Found in little Bad Lands, 20 miles north of Crawford (Large beds)

FAIRBURN AGATES: Little Bad Lands, Orella. Also Jasper, petrified wood and other materials here at Orella.

PETRIFIED WOOD: Orella, Sioux County.

Found as brought in by glacier deposits. Some very colorful, and all takes a nice polish.

MOSS AGATE: Agate, Nebraska, Ceith County. Also found in Scottsbluff County and Sioux County.

QUARTZ CONCRECTIONS: Pine Ridge, Dawes County. These are not the best, but are so different that they go good in all collections.

FAIRBURN AGATES: Lane Johnny Creek and in the Red Canyon Area in northern Nebraska. Also near Crawford, Orella. Some are found near Gordon, Nebraska in the sand pits. South Dakota is noted for their Fairburn Agates and these are the same ones brought in by glacier drifts. They are very colorful when cut and polished, and I know that the effort you take to look for these will be ever so rewarding. I have seen these in all sizes and colors and the people who have them think nothing of asking from \$5 to \$350 a piece for them. So I think it would be to your advantage to take the time to look if you are in northwestern Nebraska.

AGATES, WOOD AND JASPERS: Found in sand pits all along the Republican River in southwestern Nebraska. Stop at these small towns and ask for directions. Sanborn--Dundy County, Haigler--Dundy County. Doane and Benkelman.

INDIAN ARTIFACTS: Go to Stratton in Hitchcock County and also Trenton. This is the place of the famous Indian battle and there is a monument there called Massacre Canyon Monument.

ACTIVITIES OF THOMAS SIMMONS

Pathfinders Club
Piedmont Park
7th Day Adventist

Helped in the preparation of the 1985 Gem Show
Donated specimens and rock cases (22 total)

Cub Pack #5 - 7 boys and 7 adults - visited the shop

Merit badge for Geology Merit Badge Instructor
Slide show for Senior group - rocks and minerals - Calvary Lutheran Church
slides were on field trip to Jewel, Kansas area

Delivered petrified wood - 3 logs of 900 lbs. - 425 miles. Specimens from
Crawford donated to University of Nebraska Morrill Hall - Sept. 1985

Delivered 1600 lbs. petrified wood logs to University Morrill Hall from
Orchard, Nebraska in April - a distance of 200 miles

Field trip from Crawford to South Dakota at the Edgemont area. A group of
7 cars with 35 people. Collected amonites, quartz and calsite. This
was a trip of 150 miles during June, 1985

Field trip from Crawford to Lusk, Wyoming with 7 people. Amonites, agates,
blue agate, arrow heads and stone knives and scraper and drills during
June, 1985. Also met 2 rattle snakes

Thirty five miles north of Rawlins, Wyoming gathered petrified wood with
7 people during July, 1985

Cub Scouts Pack 24 - 7 cups and 7 parents in September, 1985

Board of Directors - Dec. 5, 1984 - continued

Accent Printing:	Club Stationery	- 500 envelopes	\$ 17.25
		- 500 sheets	15.75

If order is in on Tuesday before 4:00 P.M. we can have free ink choice for same price.

Motion by Jim Stewart that we purchase 500 sheets and envelopes of Club Stationery printed in royal blue. 2nd Linda Parks. Motion carried. Vera was asked to go ahead and make purchase.

Postal weight limit on each Pick & Shovel on Cancelled Stamp Permit #161 is 3.91 ounces.

Since the Postal Scale is no longer needed at this time to weigh Pick & Shovel, advised that it be turned over to Property Chairman, Claude Scott.

President Taylor was in contact with executive members of the State Association regarding PA system. They will meet and let Jim know. They were very excited about receiving the PA System from our Club. Dave Heffelbower will repair it first.

Phyllis Parks indicated that the Scottsbluff-Minden Rooms which had been reserved and printed Jan. Swap Flyers with same, had been taken. So the NE Center will let us use the Nebraska Room, North wing, ground floor for the Jan. Swap for the same price. (\$ 90.00) However, the prices have gone up on all rooms.

Scottsbluff Room - Feb. General Meeting
Norfolk Room - March General Meeting

★ FINANCIAL:

Irl Everett attended the Nov. Board Meeting and brought out some excellent points regarding the livelihood of the Club and its financial woes. As Founder of the Club he was very concerned.

All Board members were asked to think about these points and bring back suggestions to the Dec. meeting. Each member was given chance to respond. As follows:

Phyllis Parks - Explained possible options such as Money Market at NBC; regular savings and also Passbook savings.

Linda Parks - None

Janet Wright - Mainly concerned with vitality of Club as she had stated the previous month.

Jim Stewart - Had some ideas regarding investments Club could make. Namely, purchase equipment for new and junior members; anyone who does something for Club be paid for expenses; get new blood in Club; to notify public of scholarships

Vera Lyman - First, any funds in Club Scholarship/Education Fund be put in NE Academy of Science Scholarship and Club Fund be eliminated. Second, any interest from First Fed. CD be used to award Annual Scholarships at Show time each year and any balance be divided between AFMS and NAS Scholarships and maintain original amount. Third, any interest from First National CD be transferred to Transmatic or Savings at NBC to pay Delegate's expenses, Special Feature to annual show, and any Club expenses which may come up and maintain original amount. Fourth, agree with Irl that Annual Show keep separate account with Show Chairman as treasurer.

LINCOLN GEM & MINERAL CLUB - Board of Directors - Dec. 5, 1984

Meeting was called to order by President, Jim Taylor Dec. 5, 1984 7:00 P.M. at the Taylor home. Eight Board Members, Irl Everett and Dave Heffelbower were present.

Minutes of the Nov. 7th meeting were read. Motion for approval by Phyllis Parks, 2nd by Claude Scott. Motion carried.

Treasurer's report was read. Motion for approval by Jim Stewart, 2nd by Janet Wright. Motion carried.

BILLS: Paid but presented for approval

- \$ 11.40 Marie Taylor (donuts for Nov. meeting)
- 13.71 Vera Lyman (100 copies of Mins. for P & S)
(Misc. copies for Board Members & P&S)
- 33.52 UN of NE (Nov. P & S Printing)

Motion for approval by Linda Parks, 2nd Marie Taylor. Carried

BILLS: '84 SHOW - For approval and payment

- \$ 83.28 Dept. of Revenue (sales tax on gate receipts)

Motion for approval by Claude Scott, 2nd Vera Lyman. Carried

BILLS: Presented for approval and payment

- \$ 12.50 Two Christmas Dinners (Person presenting program at party & spouse - Irl & Lois Everett)
- 54.92 NE Center - Nov. Meeting Rm-30.00 and coffee-24.92
- 26.00 Postmaster-Lincoln ('85 P.O. Box Rent)
- 40.00 Postmaster-Lincoln (Precanceled stamp Permit #161)
- 35.53 Phyllis Parks (June picnic - 7.32)

(Treasurer's expenses - 10.64)

(NE Case expense - 1.67)

(Membership expense - 1.48)

(Library - 2.92)

('85 Swap - 11.50)

55.00 U.S. Post Office - Roll of 500 - 11¢ cancelled stamps to mail P & S

7.00 Susan Taylor - Cards & Postage for Sunshine Corner

50.00 Marie Taylor - Christmas Party favors, candy & candles

✓ '85 BILLS:

- \$ 53.50 MWF Mineralogical Societies - '85 Membership dues (103 adults @ 50¢ and \$ 2.00 for all Jr. members)

Motion for approval and payment by Janet Wright, 2nd Marie Taylor. Carried.

✓ '85 Dues to NAOESCI:

Motion by Vera Lyman, second by Claude Scott, that the Club purchase Gem Palette subscription for each member family for 1985. Motion carried. (\$ 36.05)

OLD BUSINESS:

Vera Lyman was asked at the Nov. meeting to check on price of printing Club stationery with Accent Printing and also the weight limit per mailing piece on our 11¢ cancelled stamp permit. Information obtained as follows:

-continued

FROM YOUR LIBRARIAN: - continued

Thanks to Lois and Irl Everett for 2 more additions to our club library:

The Curved or Faceless Group, Howard Barnes, (1st edition), 1973.

Rock Collecting in the State of Iowa, a folder.

Now is a good time to do some reading for your hobby. We have books covering all phases of rockhounding--from field trips to identification to lapidary.

Call 466-5440 days or 476-6798 evenings if you'd like some particular book brought to the next meeting.

--Jim Parks, LGMC Librarian

*Delegate Report:

Delegate Report-1984 Nebraska Association of Earth Science Clubs, Inc.

The 1984 NAOESCI Annual Delegates Meeting was called to order by President Wayne Bucholz at 1:30 P.M. on Sunday October 21 at Grand Island in conjunction with the State Show, hosted by The Grand Island Earth Science Society.

Forty Delegates representing 13 of the Nebraska clubs answered the roll call by Secretary Margaret Hohnholt. LGMC Delegates were Claude Scott, Marie Taylor, Jim Taylor and Phyllis Parks.

Printed minutes were provided and were approved as printed. Treasurer's report were approved as printed.

The Editor of Gem Palette reported 332 subscriptions.

NAOESCI has a total of 789 members as of 10-21-84 from 18 clubs.

The Board of Directors in their meeting earlier in the day had decided to recommend that Gem Palette subscriptions be raised from \$1.00 to \$2.00 as they can not be printed and mailed for \$1.00 and some new equipment has been necessary. Motion was made and passed to change. Later motion was made to make the raise effective January 1986, thus giving all of the clubs time to prepare for it.

The 1985 State Swap will be at Lexington the first weekend in May, and there are no bids for 1985 State Show.

Discussion held regarding ideas needed to stimulate interest in clubs and in the State Association.

Judy Svoboda of Grand Island was appointed as new Program Chairman.

The Nominating Committee presented a slate of candidates for 1985 and there being no nominations from the floor the Ballet was elected -

President-Wayne Buchholz

Vice Pres.-Connie McCartney

Secy-Treas.-Margaret Hohnholt

Directors for 2 year term-Earl McGuire and Ralph Knudson

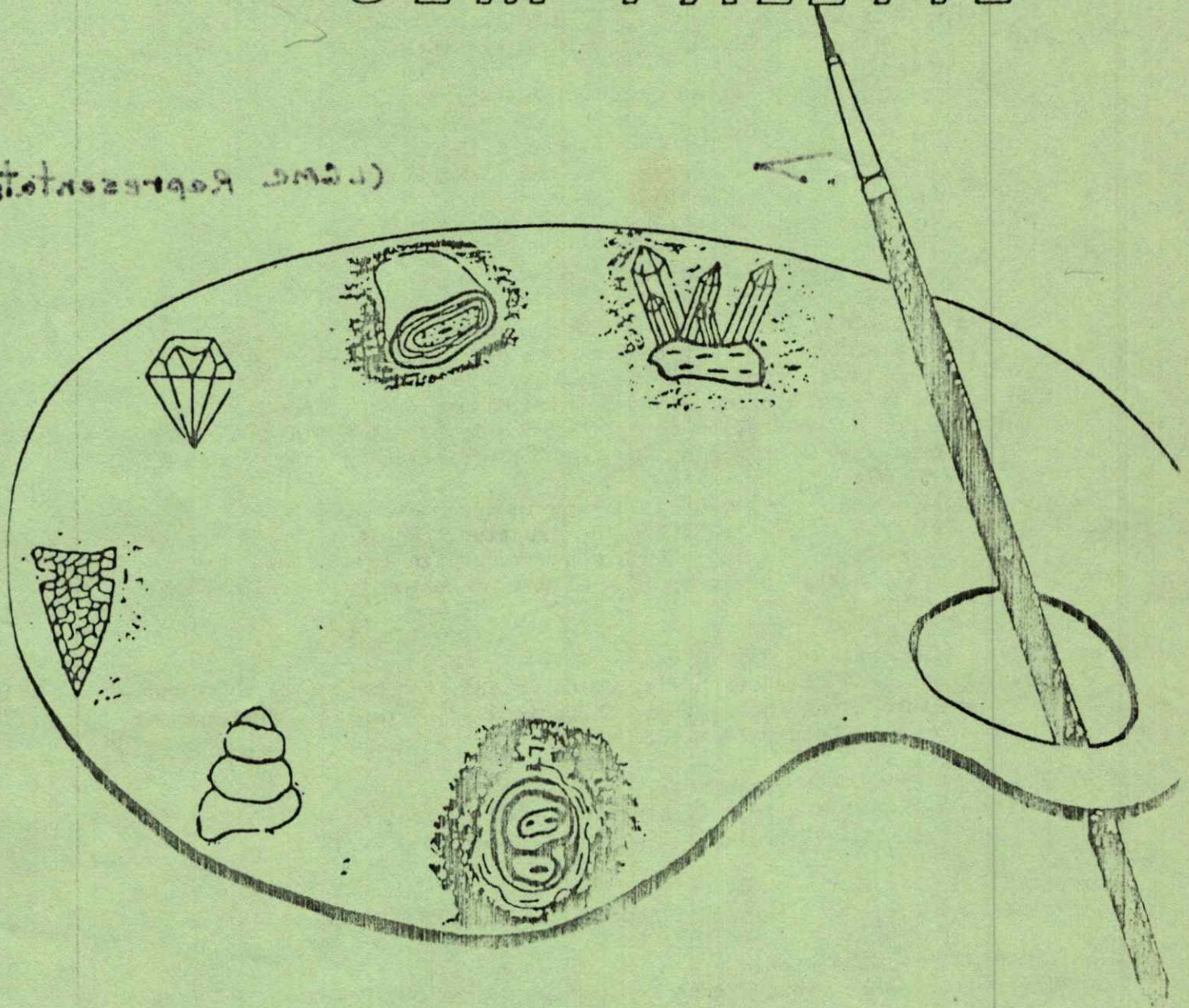
Nominating Committee for 3 year term-Salma Hammond, Cliff Eickhoff

A big vote of thanks was given the Grand Island Club for their hospitality and a good show before adjourning.

FROM THE GEM PALETTE

The Lincoln Gem and Mineral Club helps to support this publication by purchasing subscriptions for each family in the club.

THE GEM PALETTE



BULLETIN OF THE NEBRASKA ASSOCIATION OF EARTH SCIENCE CLUBS, INC.

AUGUST 1985

NEBRASKA ASSOCIATION OF EARTH SCIENCE CLUBS, INC. (NAOESCI)

The purpose of this non-profit organization shall be to educate and stimulate interest in the study of mineralogy, geology, palentology, lapidary and geological specimens and artifacts; and for the purpose of conducting schools, demonstrations and rock and gem shows for the betterment and education of its members.

NAOESCI OFFICERS - 1985

PRESIDENT	Wayne Buchholz	R.R. 1 Box 6, Lexington, NE 68850
VICE PRESIDENT	Connie McCartney	1616 S. Lincoln, Grand Island, NE 68801
SEC./TREAS.	Margaret Hohnholt	1606 Eighth Ave., Kearney, NE 68847

BOARD OF DIRECTORS - 1985

1 year-----Wes Geiken
1 year-----Jim Stewart
2 year-----Earl McGuire
2 year-----Ralph Knudson

(LCMC Representative)

NAOESCI PROGRAMS AVAILABLE

1. Rare Earth Minerals - full $7\frac{1}{2}$ lps track by Steele Becker
Slides and Tape property of Fort Kearney Club
2. 1970 Nebraska Assoc. Field Trip to Wyoming - 90 slides & narration.
3. Mineral Specimens photographed in Harvard Mineralogical Museum.
78 slides and narration script - property of 100 Meridian Club.
4. 1974 National Show at Lincoln, NE - slides presented by Lincoln Gem & Mineral Club.
5. The Mammoth Dig - Most recent discovery in the State of Nebraska.
6. Mt. St. Helens - before and after the eruption. Donated by the Prairie Rockhounds. 40 slides with a cassette and is a 30 minute program.
7. 1980 National Show at Lincoln, NE - slides presented by Lincoln Gem & Mineral Club.

For PROGRAM AIDS contact:

Judy Svoboda, 2504 Pioneer Blvd., Grand Island, NE 68801 (phone 308-382-0605)
For clubs using these films, there is a \$2.00 postage and handling charge plus return postage.

For SHOW DATES INFORMATION contact:

Mr. Connie McCartney, 1616 S. Lincoln, Grand Island, NE 68801
(phone 308-384-0129)

For NAOESCI - information, suggestions, business:

Wayne Buchholz, R. R. 1 Box 6, Lexington, NE 68850 (phone 308-324-3658)

For GEM PALETTE - Subscriptions -

Margaret Hohnholt, 1606 Eighth Ave., Kearney, NE 68847 (phone 308-237-7327)

For GEM PALETTE - reports, information, suggestions, fliers to be mailed:

Henry Hohnholt, 1606 Eighth Ave., Kearney, NE 68847 (phone 308-237-7327)

The GEM PALETTE is the official publication of NAOESCI published bi-monthly, price \$1.00 per year. DEADLINE for bi-monthly bulletin is FIRST of month of February, April, June, August, October, and December.

Editor - Henry Hohnholt, 1606 Eighth Ave., Kearney, NE 68847

All subscriptions are on a calendar basis. January 1st to January 1st.



Your Secretary Reports,

All clubs should have received your letter containing the forms for dues, subscriptions, officers names, etc. If for any reason you did not receive yours, please contact me. Membership dues remain the same but Gem Palette subscriptions are now \$2.00.

New officers assume their duties on Jan. 1, so when contacting anyone please make note of this (names and addresses on inside of Gem Palette cover).

Please keep your vice president informed as to your plans for swaps and shows. He will clear the date so that we do not have more than one activity going on at one time.

Please keep me informed as to any changes in officers. This is how some of our mail strays off course. Maybe a president has moved to Arizona or where ever and by the time he receives the forwarded mail it is very old. Even mail returned to me takes quite a while sometimes.

HAVE A JOYOUS CHRISTMAS SEASON & A PROSPEROUS NEW YEAR!!!

Margaret

THE SWAP & SHOW SEASON STARTS EARLY--NOTE THE FOLLOWING NOTICE

*
* THE 8TH ANNUAL INDOOR WINTER SWAP *
*
* The Lincoln Gem and Mineral Club is proud to announce its Eighth *
* Annual Indoor Winter Swap. It will be held January 25, 1986 *
* (Saturday) from 12:00 Noon until 5 p.m. at the Nebraska Center for *
* Continuing Education, 33rd and Holdrege Streets. We will be in the *
* North Wing. Everyone's invited to bring gems, minerals, fossils, *
* ROCKS, and stories to swap. The club's 31st Anniversary meeting *
* will follow at 7:30 p.m. It promises to be a very special day. *
* We hope to see you all there! *

From Linda M. Parks--Co-chairperson, January Swap

As we begin 1985, many of us have "Great" plans for the next 12 months. Some of which include "SHOWS" during our vacation time, or perhaps a class in Silversmithing, Lapidary, or just self taught fun stuff!

Our annual Mid-Winter Swap was again a success. Thanks to Mother Nature who provided excellent weather. (Even if it was cold.) A very special Thanks to all who participated in or attended the Swap at some time during the day. It's friends and rockhounds from all around who help clubs realize "successes" at Shows and Swaps. Our thanks again.

Now of course our big project is our annual show. It is certainly going to keep us busy for the next 6-8 weeks. We think it will have many things of interest to all of you and are looking forward to seeing many of you.

The theme of our Show will be "St. Patty's Green Isle." All rockhounds know some of the most beautiful rocks are "green". Free door prizes will be awarded from ticket stubs drawn out during show hours; and also a raffle on a beautiful painting (30 x 40) done by Francis Latimer. Many of you, I'm sure, know this talented lady. She will also be at our Show to demonstrate. Numerous other demonstrators and dealers will also be here.

We welcome each of you to bring your favorite exhibit to the show. You may set up your exhibit on Friday, March 15, any time after 3:00 P.M. until 9:00 P.M.

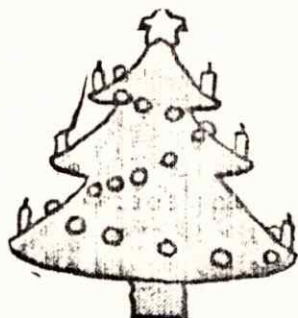
Show hours will be Saturday, March 16, at 9:00 A.M. to 8:00 P.M., and Sunday, March 17, at 9:00 A.M. to 5:00 P.M. at the Agricultural Hall, State Fair Grounds, in Lincoln.

HOPE TO SEE YOU ALL AT THE SHOW!

CLUB NOTES

LINCOLN GEM & MINERAL CLUB INC., Lincoln

Vera Lyman, Reporter



Usually with the months of Fall also comes the anticipation of leisure months of winter ahead for most folks. But in the case of "Rockhounds" this doesn't seem to always be the case.

LGMC members have resumed their regular meetings on the fourth Saturday of each month; held their annual election of officers at the November meeting, and work and planning are into full swing for the annual January Swap and also our Spring Show.

But in all the hustle and bustle, first we're going to slow down just a bit and enjoy our annual Christmas Party on Dec. 7. It's always a "fun" time and an excellent program is in store for us.

Perhaps we'll see some of you at our Swap on January 25th. We always hope for outstanding cooperation from Mother Nature in such matters !

To all of you, from all of us, may the Holidays leave you with joyful memories that last throughout the New Year!

MERRY CHRISTMAS EVERYONE!



NORTHWEST NEBRASKA GEM & ROCK CLUB, Crawford Marjorie Lewis, Reporter

The Northwest Nebraska Gem and Rock Club met in October for a carry-in prime rib dinner and to take care of the fall business.

First on the agenda was election of officers for next year. The slate remained the same with Frank Barcal, president; Ray Underwood, vice-president; Marjorie Lewis, secretary; and John Mader, treasurer.

The second big decision was the club agreeing to host the State Tailgater Rock Swap in 1986.

We had three new members present for the meeting. All of us are looking forward to a fun 1986 as we adjourn for 1985.



HENRY SEZ -- This might help the new presidents--

"When in charge ponder
When in trouble delegate
When in doubt mumble."

Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news and articles should be sent to the Editor, Mrs. BETTE Smith, 10647 Mary Ann, Zeeland, MI 49464. All subscription orders should be sent to Parrot Printing Service, 2125 Forest Ave., Des Moines, IA 50311.

PRESIDENT

James Edwards
306 Somonauk
Park Fores, IL 60466

1ST VICE—PRESIDENT

William Parch
P.O. Box 180
Fountain City, WI 54629

2ND VICE-PRESIDENT

Mrs. Esther Mullaly
30018 Dawson
Garden City, MI 48135

SECRETARY

Miss Jean Reynolds
107 Tuttle Avenue
Clarendon Hills, IL 60514

TREASURER

Mrs. Kitty Starbuck
7636 V Avenue East
Vicksburg, MI 49097



MAY

1985

Issue No. - 254

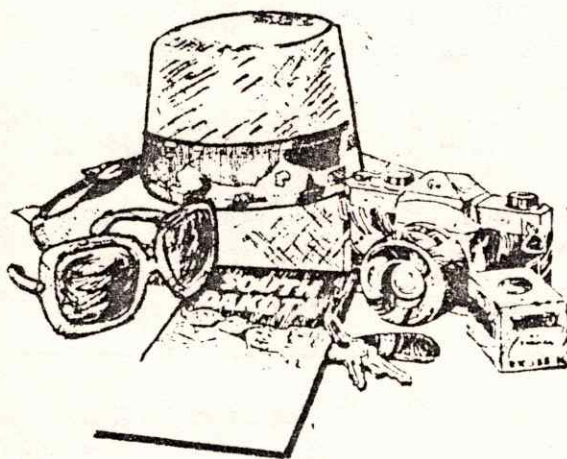


MWF SCHOLARSHIP HONORARY Awardee: The MWF Scholarship Jury of Awards is proud to announce its selection of Dr. George Rapp Jr. of the University of Minnesota-Duluth as the 1985 MWF Scholarship Honorary Awardee. Many of you will remember Dr. Rapp as the banquet speaker at the MWF Convention in St. Paul, Minnesota in 1982.

Dr. Rapp is currently Dean and Professor of Geology and Archaeology, and Director of the Archaeometry Lab., College of Letters and Science, University of Minnesota-Duluth. He is also Professor of Ancient Studies, University of Minnesota-Minneapolis. He received his B.A. in Geology from the University of Minnesota, and a Ph. D. in Geochemistry from Pennsylvania State University. He is the Past President of the Association for Field Archaeology, and is the founder and first chairman of the Archaeological Geology Division of Geological Society of America. He also is an archaeological geologist with extensive experience and publications on the archaeological geology of the eastern Mediterranean.

Dr. Rapp will have the honor of selecting two graduate students to receive scholarship grants. The grants are \$1,500.00, a total of \$3,000.00 each for two years, to further their studies in the field of earth sciences.

William Parch, First Vice-President, MWF



SOUTH DAKOTA FIELD TRIP INFORMATION: There will be a FIELD TRIP table at the Midwest Show in Sioux Falls with final information and instructions for those planning on attending post show field trips. Please sign in here with Maxine Wilson and June Zeitner.

EXHIBITS FOR SIOUX FALLS: Anyone who plans on bringing competitive or non-competitive displays to the Midwest Show in Sioux Falls, July 18-21, and does not have an exhibitor's entry blank, should write to Vivian Andrews, E. Hwy. 34, Madison, SD 57042

LATE NEWS FROM SIOUX FALLS: Show Chairman Ashton Wilson announced that there will be a field trip for red Sioux Quartzite in Sioux Falls during show week. The banquet speaker will be from EROS, the government's huge Earth Resources Observation System Data Center. Scientists throughout the world depend on the satellite photography assembled here. All sections of the show will be air conditioned.

Submitted by June Zeitner

AMERICAN SCHOLARSHIP FOUNDATION - NEW STATUS: Our Midwest clubs are still the greatest in their support of the Scholarship Foundation. Since my last report we have received more than \$2,076.00 in contributions from 33 clubs and individuals. Because of these generous gifts fifteen clubs have been able to advance their status as follows:

Continued next page...

This is included in our Pick & Shovel.

SCHOLARSHIP STATUS - continued

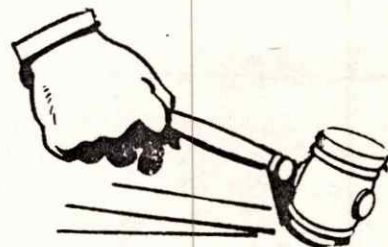
McDonnell Douglas Gem & Mineral Soc.	1400.00
Minnesota Valley Gem & Mineral Club	600.00
Wisconsin Geological Society	2900.00 - 3200.00
Edwards River Earth Science Club	200.00
Capital City Gem & Mineral Club	1300.00 - 1600.00
Muncie Rock & Gem Club	1900.00
Licking Co. Rock & Mineral Soc.	700.00
Eastern Indiana Gem & Mineral Soc.	100.00
Illowa Gem & Mineral Society	1500.00
Central Missouri Rock & Lapidary Club	1700.00
Loup Valley Gem & Mineral Soc.	600.00
Southern Illinois Earth Science Club	900.00 - 1000.00
Stone Head Lapidary & Mineral Club	200.00
500 Earth Sciences	200.00 - 500.00

Our sincere thanks to all clubs for their support of the American Scholarship Foundation. Through your support another twelve students will again this year receive \$1500 grants (and are renewable for another year) making it possible for these young people to complete their education in the Earth Sciences.

Marian Parch, MWF Scholarship Chairman

NOTICE After June 5th

my address will be 53 Skyline Drive, Garrett, IN 46738 - Bette Smith, MWF Newsletter Editor



THE MIDWEST FEDERATION JADE

GAVEL

The jade gavel, engraved with a golden insignia of the Midwest Federation, was dedicated to the memory of Gus H. Brown

for his outstanding service to the federation.

The gavel was made for the federation by Bill de Heui of Minneapolis, Minnesota, from a piece of Wyoming jade donated to the MWF for this purpose by Earl McHenry of Riverdale, Illinois. It was completed and presented for the use of all future MWF Presidents to Leo Yanasak, president in 1961, and has been passed on to each president since that time.

Gus Brown passed away in Des Moines, Iowa, on June 15, 1960. He was an author and lecturer of note on the lapidary arts and developed the V-lock method of mounting stones. Gus was the first president of the Des Moines Lapidary Society; had been chairman of the AFIS Boundary Committee and Promotion and Publicity Committee of the MWF, as well as taking part in all federation activities. At the time of his death it might be truthfully said that no one in recent years had contributed more to the growth and welfare of the MWF.

Submitted by Russ Kemp, 1964 MWF President

COUNTY MUSKOX CRANIUMS BEING STUDIED (Excerpts from an article by Janet Leedy as found in the Peru (Indiana) Daily Tribune and submitted by Charles Walker, Indiana State Director)

A cranium from a woodland muskox - an extinct buffalo type mammal - from the Miami County Historical Society museum is being studied on the slight possibility it might provide historical information. The cranium is 14,000 years old.

The muskox skull was noticed by Ronald L. Richards of the Indiana State Museum during a survey of natural history specimens in the spring of 1984. The cranium will be sent to the Illinois State Museum, which has proper equipment for the study.

The experts will determine what made certain marks on the skull. If the marks prove to be butchering marks it will indicate the occupation of this territory by man and show that man hunted large animals. It would be the first evidence of this nature. Most marks on muskox skulls of this period have been caused by the chewing of rodents. These marks could have been caused by beaver but are different enough to justify the study.

This nearly complete cranium was donated to the historical society in 1919 and a second cranium was donated to the National Museum (now the Smithsonian) in 1917. There are now 20 known Indiana muskox fossils. The Miami County specimens appear to have been deposited in the peat layers that resulted from the infilling of a kettle lake.

SHARING THE HOBBY

WITH OTHERS

Friends, Scouts, Junior Members

Anne Crawford - with friends

Dave Heffelbower - with friends and fellow employees

Tom Simmons - three school groups visited his shop

Fred B. Holbert - Demonstrated at Chet Ager Park and Cornhusker
Leathercrafters Guild. Also lectured on
gem identification and mounting on leather
to the same group.

Lillie Lewis - with friends

Lynn and Marie Wells - Showed rocks at Elliot School using the
materials we donated to the University
of Nebraska

DONATED MATERIALS

TO
Friends, Scouts and Junior Members

Claude and Gail Clare Scott -- donated materials to the Junior Members

Dave Heffelbower - donated to the Encounter Center

Tom Simmons - donated to the Scouts and Cub Packs

Jim Null

John A. Lewis

Edith Holdorf - to students

Marie Wells - to University of Nebraska Encounter Center

Paul Brauch

Lillie and John Lewis - sent fossils and other specimens plus
dinosaur pamphlets to granddaughter in
California. She used these items for
"Show and Tell" in her classroom.

DISPLAYS AND DEMONSTRATIONS AT CHET AGER NATURE CENTER

On Saturday, July 27, 15 members of Lincoln Gem and Mineral Club furnished displays of gems, minerals, and fossils for visitors to Chet Ager Nature Center at Pioneers Park. Displays included polished agates, jewelry, invertebrate fossils, petrified wood, mineral crystals, and rock forming minerals. Twenty cases were shown.

Demonstrations included cabochon cutting, trimming, making gemstone trees, and rock drilling. Six members were active in giving demonstrations.

There were also films and slide programs available in the program area there. These included the films "Gems of the Americas," "Groundwater," and "Limestone." A slide presentation on Nebraska gemstones was also available.

A field trip to the outcrops of glacial till and Cretaceous age Dakota Group sandstone on the park was led by Janet Wright. The trip was for juniors and about a dozen attended.

Rock and mineral samples were available for junior rockhounds.

The days activities were followed by a picnic that was attended by about 30 club members.

PARTICIPANTS
AT CHET AGER NATURE CENTER
DISPLAYING ROCKS

Anne Crawford

Dave Heffelbower

Fred Hulbert

Lynn Wells

Marie Wells

Ewald Paul

OTHER ACTIVITIES FOR 1985

Anne Crawford - Contributed to the Pick and Shovel

Bill and Shirley Rockel - Joined tours in South Dakota searching for agates

Kevin Schwartman - Joined the tours in South Dakota searching for agates

Dave Heffelbower - Edited and published "Pick and Shovel"

Marie Wells - Volunteer at UN-L Museum between 50 and 100 hours

Paul and Marie Rueter - Showed their hobby to the South Omaha Women's Club and the fifth grade class. They have been asked to demonstrate at other fifth grade classes

L I N C O L N G E M A N D M I N E R A L C L U B M E M B E R I S
T H E R E C I P I E N T O F A S T A T E V I P F F A A W A R D

On Friday evening, April 12, 1985, the Nebraska State FFA banquet was held at the Nebraska Center for Continuing Education on the East Campus of the University of Nebraska - Lincoln.

This was the culmination of a week of activities involving the Future Farmers of America for various Nebraska communities at their annual State Convention. Many of these high school FFA members were competitors for the various awards presented during the week.

The banquet on Friday evening was the occasion for presenting special service awards to fourteen persons. These presentations were made by the various state officers. The State Secretary announced that the three VIP presentations would be made. Each award was given a special name and each recipient was to come forward after being introduced. The impression of the recipient is that the "Blue and Gold Award" is the top award which was the last award made. It was to the surprise of the recipient, Miss Adeline E. Nolde of Lincoln, that she was given the "Blue and Gold" award for having designed the FFA emblem which is the national emblem.

She was the guest of a young escort, Robert Maddox, one of forty-two of the Lincoln Northeast High School FFA members. She was seated with this group which added to the happiness of the event, because she was a 1933 graduate of Jackson High School in University Place. Jackson High, Havelock High and Bethany High Schools were combined to make Lincoln Northeast in University Place. Robert escorted her to the stage for the "Blue and Gold Award." After the receipt of the award Miss Nolde was given a standing ovation by the group of approximately 600 persons. All of the FFA members wore their jackets which added much to the impressive and overwhelming event.

The young FFA members are to be commended for conducting the award ceremonies with the grace and dignity of their organization. To have the emblem as a part of their organizations ritual is indeed an honor to the recipient. The impact of finding out about the designer of the emblem added to the excitement of the occasion for the FFA members, former members and teachers.

While employed as a secretary in the State Department for Vocational Education she worked for the various supervisors in the department. Among them was L. D. Clements, State Supervisor for Vocational Agriculture, who knew she liked to draw and asked if she would like to make a design for him. He told her what he wanted as component parts in the design. Miss Nolde does not recall when she saw the first jacket. Since she was a teenager, herself in 1934 the design was all in a days work. She was totally unaware of what was to become of it. She does recall having to draw the design on a mimeograph stencil which was the cover of a brochure having about 35 pages of which she mimeographed thousands of copies. She remembers a meeting was held that October or November for which it is possible these brochures were made. Miss Nolde had the original drawing until about 1970 when she decided to discard a lot of things at home. She threw it away. This brought a number of sighs at the banquet, because they could have put it in their archives.

ACTIVITIES/INFORMATION-- During 1985

Did you give a talk to: school room classes; civic clubs; other rock clubs; Scouts; 4-H clubs; Senior Citizens organizations; etc.?

Did you write an article for any publication or magazine, including the PICK & SHOVEL?

Did you display, demonstrate, judge, or otherwise participate at other gem and mineral shows, fairs, etc?

Did you donate materials to a school, scout troop, hospital, etc.?

Did you help someone learn more about the hobby? Did you teach someone how to make a cabochon or silversmithing? Did you help someone by identifying minerals, fossils, or cutting material, etc.?

These are just a few of the items we need to learn about your activities during 1985. Remember the little things count and will add points in our quest for another All-American Award.

1985 Activities: Name Linda M. Parks

I gave a (program, talk, etc.) _____

I (exhibited, demonstrated, judged, etc.) exhibited at
Chat Ager Nature Center.

I attended or participated in shows at _____

I donated (slabs, fossils, equipment, cutting material, etc.) _____
rough materials to Folsoms Children's Zoo

I taught or helped teach a friend to identify
rocks she found in Wyoming.

I wrote ~~an~~ articles for the Pick & Shovel.

OTHER (Anything pertaining to the hobby not included above) _____

(Please return to "Lincoln Gem & Mineral Club, P.O. Box 5342,
Lincoln, NE 68505-0342" by January 25, 1985 or bring to the Jan.
Meeting.) ---This page based on THE GLACIAL DRIFTER, Oct 1985.

TAPE RECORDING CLUB AND SHOW PROGRAMS

It is not uncommon that someone asks my permission to tape record a program that I am presenting at a meeting of our own club or some neighboring club or at a show sponsored by our club or some other club. I appreciate the fact that many people find my topics of sufficient interest that they desire to make some sort of a record of them. More often than not, however, I do not give permission to have any of these programs recorded. There are several reasons why.

I am especially perplexed when someone enters the program room and simply flips the tape recorder on and starts to record without asking permission to tape the program. In most cases, slide programs are made up at great personal expense. The program is the property of the one who is presenting it or who has written it and provided it for one of the various federations program libraries. To record the program without the consent of the writer is taking something from the writer without consent. To have segments of programs appear in bulletins, magazines, and other media dilutes both the credibility and the earning power of the original author.

If you would like to record a program, give the author the courtesy of asking permission to do so. This is no different than asking a ranch or farm owner for permission to collect rocks on his or her property. Much of the information in a program is being retained by the author for greater goals such as magazine articles, or, in my case, lengthy books. Most of that material has been gleaned by the author at great expense and a great commitment of time.

Especially unethical is the piracy of materials from programs that have been obtained from the slide program libraries of the various federations. This includes duplication of slides as well as scripts. Here the authors have turned over their materials to the federation slide libraries to share with their colleagues. When the program is being presented by someone other than the original author, the author has no control over unauthorized duplication of materials.

Fair use of program material does include taking notes. Take all the notes you wish. Fair use also includes utilizing the question and answer session after the program and any subsequent conversation with the author.

If you wish to record a program, ask the consent of the author. It is only being fair to the owner of the materials in the lecture.

Roger Pabian

ACTIVITIES/INFORMATION-- During 1985

Did you give a talk to: school room classes; civic clubs; other rock clubs; Scouts; 4-H clubs; Senior Citizens organizations; etc.?

Did you write an article for any publication or magazine, including the PICK & SHOVEL?

Did you display, demonstrate, judge, or otherwise participate at other gem and mineral shows, fairs, etc?

Did you donate materials to a school, scout troop, hospital, etc.?

Did you help someone learn more about the hobby? Did you teach someone how to make a cabochon or silversmithing? Did you help someone by identifying minerals, fossils, or cutting material, etc.?

These are just a few of the items we need to learn about your activities during 1985. Remember the little things count and will add points in our quest for another All-American Award.

1985 Activities: Name J.W. PARKS

I gave a (program, talk, etc.) _____

I (exhibited, demonstrated, judged, etc.) _____

I attended or participated in shows at _____

I donated (slabs, fossils, equipment, cutting material, etc.) _____

CUTTING & POLISHING TIME.

I taught or helped teach TO POLISH AGATES ON THE GENIE
DIAMOND EQUIPMENT.

I wrote an article _____

OTHER (Anything pertaining to the hobby not included above) _____

Collected AND HAULED ESTATE ROCKS FOR
JR. GROUP.

(Please return to "Lincoln Gem & Mineral Club, P.O. Box 5342, Lincoln, NE 68505-0342" by January 25, 1985 or bring to the Jan. Meeting.) ---This page based on THE GLACIAL DRIFTER, Oct 1985.

TAPE RECORDING CLUB AND SHOW PROGRAMS

It is not uncommon that someone asks my permission to tape record a program that I am presenting at a meeting of our own club or some neighboring club or at a show sponsored by our club or some other club. I appreciate the fact that many people find my topics of sufficient interest that they desire to make some sort of a record of them. More often than not, however, I do not give permission to have any of these programs recorded. There are several reasons why.

I am especially perplexed when someone enters the program room and simply flips the tape recorder on and starts to record without asking permission to tape the program. In most cases, slide programs are made up at great personal expense. The program is the property of the one who is presenting it or who has written it and provided it for one of the various federations program libraries. To record the program without the consent of the writer is taking something from the writer without consent. To have segments of programs appear in bulletins, magazines, and other media dilutes both the credibility and the earning power of the original author.

If you would like to record a program, give the author the courtesy of asking permission to do so. This is no different than asking a ranch or farm owner for permission to collect rocks on his or her property. Much of the information in a program is being retained by the author for greater goals such as magazine articles, or, in my case, lengthy books. Most of that material has been gleaned by the author at great expense and a great commitment of time.

Especially unethical is the piracy of materials from programs that have been obtained from the slide program libraries of the various federations. This includes duplication of slides as well as scripts. Here the authors have turned over their materials to the federation slide libraries to share with their colleagues. When the program is being presented by someone other than the original author, the author has no control over unauthorized duplication of materials.

Fair use of program material does include taking notes. Take all the notes you wish. Fair use also includes utilizing the question and answer session after the program and any subsequent conversation with the author.

If you wish to record a program, ask the consent of the author. It is only being fair to the owner of the materials in the lecture.

Roger Pabian

ACTIVITIES/INFORMATION-- During 1985

Did you give a talk to: school room classes; civic clubs; other rock clubs; Scouts; 4-H clubs; Senior Citizens organizations; etc.?

Did you write an article for any publication or magazine, including the PICK & SHOVEL?

Did you display, demonstrate, judge, or otherwise participate at other gem and mineral shows, fairs, etc?

Did you donate materials to a school, scout troop, hospital, etc.?

Did you help someone learn more about the hobby? Did you teach someone how to make a cabochon or silversmithing? Did you help someone by identifying minerals, fossils, or cutting material, etc.?

These are just a few of the items we need to learn about your activities during 1985. Remember the little things count and will add points in our quest for another All-American Award.

1985 Activities: Name Kevin J. Schwartzman

I gave a (program, talk, etc.) Seminar on Lacustrine Varves
at UN-L.

I (exhibited, demonstrated, judged, etc.) Exhibited at the LG+MC show,
the MWF Regional Show (Sioux Falls, S.D.) and Demonstrated (Gem trees) at Chert Auger

I attended or participated in shows at attended/participated in
LG+MC + MWF shows and attended the NG+MC show (Omaha, Ne.)

I donated (slabs, fossils, equipment, cutting material, etc.) _____

I taught or helped teach The making of Gem trees at the
Chert Auger display

I wrote an article _____

OTHER (Anything pertaining to the hobby not included above) _____

I also went on several field trips: 2 with the MWF show
(to the Weta and Fairburn, S.D. agate beds); one to Southern
Colorado and another to the black hills (with the University of Nebr.).

(Please return to "Lincoln Gem & Mineral Club, P.O. Box 5342,
Lincoln, NE 68505-0342" by January 25, 1985 or bring to the Jan.
Meeting.) ---This page based on THE GLACIAL DRIFTER, Oct 1985.

ACTIVITIES/INFORMATION-- During 1985

Did you give a talk to: school room classes; civic clubs; other rock clubs; Scouts; 4-H clubs; Senior Citizens organizations; etc.?

Did you write an article for any publication or magazine, including the PICK & SHOVEL?

Did you display, demonstrate, judge, or otherwise participate at other gem and mineral shows, fairs, etc.?

Did you donate materials to a school, scout troop, hospital, etc.?

Did you help someone learn more about the hobby? Did you teach someone how to make a cabochon or silversmithing? Did you help someone by identifying minerals, fossils, or cutting material, etc.?

These are just a few of the items we need to learn about your activities during 1985. Remember the little things count and will add points in our quest for another All-American Award.

1985 Activities: Name JANET L. WRIGHT

I gave a (program, talk, etc.) To 3+4th Grade students at Rousseau School about fossils. Optimist Club on my To LGMG on same topic To UNL Geology Seminar same topic.
I (exhibited, demonstrated, judged, etc.) I exhibited for the juniors at every meeting I attended in 1985.

I attended or participated in shows at MidWest Federation Show in South Dakota and Our own in Lincoln, Ne.

I donated (slabs, fossils, equipment, cutting material, etc.)

I taught or helped teach I Taught junior members about rocks, minerals + fossils.

I wrote an article

OTHER (Anything pertaining to the hobby not included above)

Lead a field trip during summer for the juniors in our club.

(Please return to "Lincoln Gem & Mineral Club, P.O. Box 5342, Lincoln, NE 68505-0342" by January 25, 1985 or bring to the Jan. Meeting.) ---This page based on THE GLACIAL DRIFTER, Oct 1985.

graduate research in fossil plant roots.

TAPE RECORDING CLUB AND SHOW PROGRAMS

It is not uncommon that someone asks my permission to tape record a program that I am presenting at a meeting of our own club or some neighboring club or at a show sponsored by our club or some other club. I appreciate the fact that many people find my topics of sufficient interest that they desire to make some sort of a record of them. More often than not, however, I do not give permission to have any of these programs recorded. There are several reasons why.

I am especially perplexed when someone enters the program room and simply flips the tape recorder on and starts to record without asking permission to tape the program. In most cases, slide programs are made up at great personal expense. The program is the property of the one who is presenting it or who has written it and provided it for one of the various federations program libraries. To record the program without the consent of the writer is taking something from the writer without consent. To have segments of programs appear in bulletins, magazines, and other media dilutes both the credibility and the earning power of the original author.

If you would like to record a program, give the author the courtesy of asking permission to do so. This is no different than asking a ranch or farm owner for permission to collect rocks on his or her property. Much of the information in a program is being retained by the author for greater goals such as magazine articles, or, in my case, lengthy books. Most of that material has been gleaned by the author at great expense and a great commitment of time.

Especially unethical is the piracy of materials from programs that have been obtained from the slide program libraries of the various federations. This includes duplication of slides as well as scripts. Here the authors have turned over their materials to the federation slide libraries to share with their colleagues. When the program is being presented by someone other than the original author, the author has no control over unauthorized duplication of materials.

Fair use of program material does include taking notes. Take all the notes you wish. Fair use also includes utilizing the question and answer session after the program and any subsequent conversation with the author.

If you wish to record a program, ask the consent of the author. It is only being fair to the owner of the materials in the lecture.

Roger Pabian



LINCOLN GEM AND MINERAL CLUB, INC.

1985 Officers

President Claude Scott
First Vice President Roger Pabian
Second Vice President Linda Parks
Secretary Vera Lyman
Treasurer Phyllis Parks
Board of Directors: Mark Mercier
 Jim Stewart
 Marie Taylor
 Janet Wright

Invocation by: Irl Everett, Founder
of Lincoln Gem and Mineral Club, Inc.

SCHOLARSHIP PRESENTATION

Marie Taylor, Scholarship Chairperson

Dr. Samuel B. Treves, Professor and
Chairman, Department of Geology,
University of Nebraska-Lincoln,
Scholarship Presenter

Recipients:

Richard Ehrman

Nene Sow

SPECIAL SCHOLARSHIP PRESENTATION

Marie Taylor, Scholarship Chairperson

Recipients:

Lee Pivonka

Janet Wright

LEE J. PIVONKA

415 Jackson Street
Golden, CO 80403

(303) 277-1320

March 25, 1985

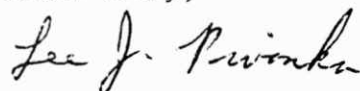
Lincoln Gem and Mineral Club, Inc.
c/o Mrs. Howard J. Taylor, Sr.
910 New Hampshire
Lincoln, Nebraska 68508

Dear Fellow Club Members:

I am writing to give you my sincere thanks for the scholarship. My parents sent me the check and said how much they enjoyed this years show. I wish I could have attended the show and personally accepted the award. Mom and Dad especially enjoyed seeing many familiar and friendly faces at the scholarship presentation dinner.

The scholarship will certainly come in handy at this time since I will soon incur many thesis reproduction and binding costs. Within the last two weeks, I have been able to complete my thesis analytical work in the laboratory. For the last week or so I have been manipulating my geochemical data with a computer. I am very happy to say that the initial results of my study are more favorable than those which I had hoped to obtain. Once again, I thank you for your strong support.

Yours Truly,



Lee J. Pivonka

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505



February 10, 1985

Mrs. Robert (Janet) Wright
3715 South 33rd Street
Lincoln, Nebraska 68506

Dear Janet:

It is with great pleasure that I get to inform you that you will be presented a scholarship of \$200.00. This award comes from the Club's Scholarship/Education Fund.

This scholarship will be presented at our annual scholarship presentation dinner to be held March 16, 1985. The dinner will be held in the restaurant facilities at the show, and will start at about 8:15 p.m. You and your husband will be our guests at this dinner. We do ask that you be prepared to give a brief explanation of your work/study at the dinner. It is nice to know what you are doing in your graduate work.

Once again, congratulations to you; and we look forward to seeing you at the dinner.

Sincerely,

Maria

Mrs. Howard J. Taylor, Sr.
Scholarship Chairman

Club scholarships to Sow, Wright

Nene Sow and Janet Wright, both of Lincoln and both geology students at the University of Nebraska-Lincoln, have been awarded scholarships from the Lincoln Gem and Mineral Club. Sow's award is worth \$150; Wright's is valued at \$200. The scholarships are awarded to graduate students to help support thesis work.

OLD BUSINESS:

Motion by Marie Wells that LGMC become an affiliate member of the Friends of the Museum. 2nd by Roger Pabian. Discussion followed.
(Affiliate member - \$10.00 Contributing organization - \$50.00)

Amended motion by Helena Baegi that LGMC become a contributing organization at \$50.00 per year. 2nd by Tom Simmons. By show of hands, motion carried.
Individual memberships were offered.

NEW BUSINESS:

Dear Mrs Wright,
THANKS!



Thankyou for comeing and giving a
nice program. I liked the slides
and neat fossils. I enjoyed
the program very much.

Sincerely,
Cindy
Thiesten

THANKS!



Mrs. Wright
thanks for the fossils
slides we all liked
them especially
the fossils

from Corey

THANKS!



Dear Mrs. Wright,

I thank you for coming and bringing the slides and fossils. I thought the petrified duck egg was neat. It was fun to watch the slides too.

From Shawn

THANKS!



Dear Mrs. Wright,

Thank-you for coming. I enjoyed the slideshow. I liked the fossils too. I liked the petrified wood.

Sincerely,
Anne H.

April 23, 1985

THANKS!



Dear Jan:
Thanks for coming yesterday,
I thought that film was
neat! I'm glad you brought
those fossils! I keep looking
forward to the Monday we
look for fossils. (can we go
to the park afterwards?)

Yours Truly,

Heather M. Coker

THANKS!



Dear Mrs. Wright
Thank you for bringing the
slides and neat fossils! I really
enjoyed it! I liked the big fossil
it was very interesting.

Thanks a lot!

Sincerely,

Jenny Linkler

THANKS!



Dear Mrs. Wright
I liked the slides of
fossils. The Fossils were
great

from Paul

THANKS!



Dear Mrs. Wright

Thank you for coming.
I liked all the fossils that
you brought. And I enjoyed
the slides. Thanks again
for taking you time to
Come and talk to us.

Love,
Emily Bock
Room 103

THANKS!



Dear Mrs. Wright,

Thank you for the fossils you brought they where neat. +h

And for the slides you brought they where neat too. Thank you for comming and bringing those things And I enjoyed it.

Sincerely,



Niki

Witt

THANKS!



Alot Mrs. Wright! I really enjoyed it. I especially liked looking at the fossils.

Sincerely,

Kelli Lehmann

THANKS!



Dear Mrs. Wright
Thanks for coming.
I really enjoyed ~~all~~
your visit. The
fossils were neat
and all of the other
things.

Sincerely,
James Davis

THANKS!



Dear Mrs. Wright, Thank
you for coming. I liked
the petrified wood and
the fossils you brought.
and I liked the part
about the dinosaur on
the slides.

sincerely,
Bretchen

THANKS!



Dear Mrs. Wright
I thought it was fun having
you as a guest. I thought
the duck egg was the best.

Sincerely, Jeff Procharzka

THANKS!



Dear Mrs. Wright I really
liked the fossils slides.

I really thought they were
interesting. Thank you for
coming.

Sincerely Matt M

THANKS!



Thanks Mrs. Wright
I enjoyed the fossils
and the fossils slides to.

~~From~~ From dad

THANKS!



Dear Mrs. Wright,
Thank you for coming
and sharing the slides
and fossils. I enjoyed the
petrified wood and the shell
that looks like a snake.
The slides were
neat too.

Sincerely,
Sarah Lukens

Kelli P?

THANKS!



Mrs. Wright thank you for
bringing the fossils and slides
I really enjoy you coming here
thank you for coming

I hope you come again
a.g. 1988

from Kelli D.

THANKS!



Thank you for showing us those
neat fossils Mrs. Wright. I enjoy
every minute of it. My favorite
fossil is that shell. ~~PK~~

from Richard K.
to: Mrs Wright

THANKS!



~~Dear~~ Mrs. Wright,

I liked the fossils and
your slides. I enjoyed your
slides.

From:
Andrea Lenke

THANKS!



DEAR, Mrs Wright.

I enjoyed the fossils.

they are really neat.

Especially

the petrified duck egg

From,

Sharrisa Martin

THANKS!



Dear Mrs. Wright,
Thank you for coming
to show us the slides
& the fossils. I liked all of
them especially the
snake. I thought it was neat.

From,
Charlie

Shonka

THANKS!



Thanks for bringing those neat
fossils and slides. You are very smart.
Mrs. Wright!

From

Tara

Durbin

NEW BUSINESS:

There were numerous favorable comments about the Show Floor Plan. Motion was made by Vera Lyman that we use the same floor plan at our Annual Show from year to year as long as it meets our needs. 2nd by Roger Pabian. Carried.

Motion was made by Vera Lyman that remaining monies from Show Raffle (\$ 45.) be donated to NE Academy of Sciences Scholarship Fund. 2nd by Roger Pabian. Carried.

Roger submitted 2 programs to Louise Stinett, Program Chairman of MWF at MWF Convention meeting. (Nebraska Gemstones) (Lake Superior Agates) MWF has no money to duplicate the programs. The approximate cost is \$ 120.-140. Marie Taylor suggested we donate \$ 150. Motion was made by Janet Wright that Board recommends to rank & file that we send them \$ 150. to reproduce Roger's 2 programs for the MWF Film Library. 2nd by Jim Stewart. Carried.

Phyllis Parks recommended that monies from 4 Show tickets be refunded. Those to be refunded requested that the monies be left in Show receipts.

The \$ 1.00 overpayment in membership dues by Ray Lambert to go to Club/Education Scholarship Fund.

Article re: Scholarship recipients at our Show under "School Days" in 4/3 Sun Newspapers was incorrect. Marie Taylor suggested that this be corrected. Vera has contact with personnel at Sun office so will see that correction is made.

Two letters of "Thanks", sent to Marie, will be published in May P & S.

Meetings: April 27 - Hastings Rm. (Coffee & Ice Tea)

Change of May Meeting from 25th to the 18th, (due to Memorial Day Weekend) Hastings Rm

Meeting adjourned,

Respectfully submitted,

Vera Lyman

Vera Lyman, Secretary

NEBRASKA HIGHWAY No. 2

"In the spring the rockhound's fancy lightly turns to thoughts of travel," and scrounging spots for rocks, minerals, gemstones and fossils. The questions are: where to go, and where are the "best diggin's." Old No. 2 is one of our favorites. Its path through the Sand Hills was not easy to travel until recent years; because powdery, dry sand is a difficult traction surface. The rule is—"Stay on the hard-surfaced roadways."

No. 2 was a delight, even before improved facilities tamed the sandy stretches. It extends over greater mileage in our state than the better known I-80. It reaches from the Missouri River at Nebraska City to the South Dakota border northwest of Crawford, in the Oglala Grasslands and Pine Ridge areas, where some of the topography is rather rough. To borrow a hillbilly expression for distance—"Its length in Nebraska is more than just a right smart git." There are no long, steep, hazardous inclines (grades).

The altitude changes are gentle, and hardly noticed over most of the way. Below are some altitude and mileage figures from a recent issue of a road atlas:

Nebraska City (alt. 1029 ft.), 50 miles to Lincoln (alt. 1176 ft.), 98 miles to Grand Island (alt. 1870 ft.), 81 miles to Broken Bow (alt. 2475 ft.), 193 miles to Alliance (alt. 3959 ft.); about 100 miles to S. Dakota line.

(Nebraska's highest point is 5426 ft., in S.W. corner of the panhandle—146 ft. higher than "mile-high Denver!")

Most LGMC members know the features along this well-endowed highway, and the interesting places near it. A traveler should try to add as many as possible to the itinerary. They can be most enjoyable also.

Many haste-natured tourists pass worthy places by, always seeking more distant or better-known objectives. They do not all care for the same kind of scenery, historical sites and recreational attractions. Myrtle and I have found this to be true as we traveled over all the states west of the Mississippi River, except Louisiana. (Our eastern travels have been much less extensive.)

My first memories of old Highway #2 date back to August, 1922. A Wayne State College friend and I, in a borrowed Model-T Coupe, returned to our parental homes between Craig and Oakland, Nebraska via Alliance, Broken Bow and Lincoln. We had been on a teaching job search in South Dakota, Wyoming and Nebraska. I contracted at Murdo, S. Dakota to teach science, history, math and English. Furthermore I would coach boys' and girls' athletics, and be Principal of the High School. (salary \$1600.00!) Cecil Davis, my fellow job-seeker, signed up at Hyannis, Nebraska; at that time known as "The Millionaire's Town".

NEBRASKA HIGHWAY No. 2 - continued

We left Alliance in early morning, east on #2, then named "The Potash Highway", and low-gearred 125 miles that day on the unimproved Sandhill road, not yet "hayed". "Hayed" is sandhill jargon for roads one step above "primitive". The wind-blown sand had not changed much since early geologic times. Roads covered with hay gave better traction. We learned that reducing air pressure from 60 to 30 lbs. in those old high-pressure tires also helped the quivering Model-T in our sand-choked snail's pace, in low gear. Ex-Model-T drivers will appreciate Henry's planetary low. Modern cars, tires and paved roads are a blessing.

Modern Potash Highway travelers may not realize how near they are to car trouble until they get off the hard-surface road onto the shoulder, or attempt to drive on an unimproved branch road.

How did No. 2 get the name "Potash" Highway? The explanation involves a bit of World War No. 1 history. (That delightful altercation to end all wars!) The Germans blocked all U.S. imports of strategic potash (nitrates) desperately needed for explosives and agriculture. Potash deposits were discovered in the alkaline lakes along old Hy. #2. Boom towns and factories soon sprang up to recover and process the potash. The war ended and the structures were abandoned. A Lincoln Salvage company gathered much of the junk. Some scattered material may still be seen near Antioch.

Tourists will find many of the Highway No. 2 points of interest mentioned in guide books and maps. Rockhounds are especially fond of the Crawford area. L.G.M.C. has sponsored field trips there, and many fine specimens of chalcedony and agates have been brought home.

Ft. Robinson, near by, abounds with history, geology and minerals. In Sioux County south of Harrison are fossil beds, now a National Monument on the old Ol Ranch of Captain James Cook. The Sand Hills are dotted with recreational lakes, not all alkaline.

The nation's largest man-made forests are along this old Potash Highway, or not far away. Fire partially destroyed one near Halsey twenty years ago, but it has largely recovered. Prepare your R.V. and C.B., and enjoy yourself without leaving Nebraska.

National Geographic Society recently published a hard-back volume "Exploring America's Scenic Highways". Nebraska's Highway No. 2 is one of eight featured.

- Submitted by J.D. Young

OUR NATIONAL PARKS AND MONUMENTS

Surely no travel could be more rewarding than seeing the splendors of the national parks and monuments of our own senic United States. Last summer it was my privilege and delight to see a number of these for the first time. Some of them I had seen from the air, which only whetted my appetite for a first-hand experience. To be the one student in a nine-weeks-long geology class with a professor who had conducted at least twenty-five actual geology field trips over these areas was beyond my wildest dreams.

Gilbert and I left Nebraska for the Northwest the middle of July. Our first major stop was the Gangplank, a narrow strip of I-80 in eastern Wyoming as one travels toward the Sherman Hills. The discovery of this gentle approach with the nearby shattered Sherman granite for ballast enabled the Union Pacific Railroad builders to move much faster than their westward counterparts. The granite rocks to the west of the Gangplank are more than a billion years old (Precambrian), while the sedimentary rocks to the east are only ten million years old (Miocene). Of course we stopped to pay our respects to the tree in solid rock at the top of Sherman Hill, said to have been watered by firemen as the trains passed.

We stopped to picnic in Vedawoo, a mysterious jumble of rocks resulting from spheroidal erosion of the old Sherman granite. It is marked only by a small rest stop marker at the side of the highway and proves to be a delightful surprise to anyone expecting only a rest stop. Dr. Neihardt and Myrtle and J.D. Young and I had picnicked there when we took Dr. Neihardt to exhibit his lapidary work by special invitation at the National Gem and Mineral Show in Salt Lake City in 1969. I think Vedawoo was the one place in the entire trip where I had been that Gilbert hadn't. It is easy to miss.

From Laramie we crossed the range of the Snowy Mountains and stopped at Medicine Bow Peak to survey the vast panorama of meadows and far mountain ranges. On a clear day you can see Long's Peak from there.

Independence Rock and Devil's Gate, through which the Sweetwater River flows, were our next stop. The impact of the stories of the early pioneers over the old Oregon Trail is something everyone should have the opportunity to experience. Imagine the trauma and travail of the Mormon handcart families as they passed that way. What a fascinating, heroic, sad story!

The Big Horn Mountains claimed us next---down Ten Sleep Canyon, up Shell Creek Canyon. There is a little Spanish Point agate shop at the west entrance to Shell Creek Canyon that sells beautiful stuff. The wonderful Buffalo Bill Museum at Cody, Wyoming, has an outstanding collection of western paintings and sculpture, especially Remingtons.

Because of Neihardt's writings I had long yearned to see the Custer Battlefield, southwest of Billings, Montana, on the Crow Indian Reservation. It has been very well developed in recent years as an historic site, with its museum and battlefield. Excellent presentations are given on the battle, the military life of the time, and the Sioux culture. It is very impressive, very touching.

The Madison Buffalo Jump State Monument, overlooking the Madison River south of Three Forks, Montana, was next on Gilbert's photography list. (All the while he was teaching me the geology, Gilbert was photographing it in slides of panoramic views to project on the planetarium dome at Midland College in Fremont. Each scene has to be photographed in matched sets of right, center, and left. These have to be mated and masked just exactly to project on the doubly-curved planetarium dome. The projections are then used for teaching geology and for giving programs for interested groups. When the slides are finally ready, we will invite the Lincoln Gem and Mineral Club.)

The Madison Buffalo Jump is a poignant reminder of the Indian way of life. It is said that Indians came for hundreds of miles to use this jump. Conditions for selecting such a site had to be just right--a broad expanse where buffalo herds could graze, narrowing to the top of a steep bluff, off which the unwary buffalo could be stampeded by bands of Indians threatening them from either side. The resultant kill and butchering took place below. There are several buffalo jumps in Nebraska, including one just south of Fremont, though none as famous as this.

Following the Madison River northward, we came to Three Forks and Trident, where the Madison, Jefferson, and Gallatin Rivers join to form the Missouri River. Usually we think of a river as starting with a rivulet which grows larger and larger as tributaries feed into it. Not so the Missouri. The three branches join to form the Missouri. It is a beautiful, full grown river--not muddy--at its very headwaters. Here it flows clear and sparkling through the beautiful Missouri River Canyon.

We saw the falls at Great Falls, Montana, and were saddened by the defunct refinery of the Anaconda Copper Company at Black Eagle Falls, so named by Capt. Meriweather Lewis. The little timbered island he described is still there, but the deliberate destruction of the Anaconda refinery and now the closing of the even greater Kennicott mine operations near Salt Lake City are an unwelcome reminder of change. The Giant Springs just east of Great Falls, with its tremendous flow of water at 300 lbs. per square inch pressure, is almost more spectacular than the Falls themselves. Among our favorite attractions at Great Falls, however, was the Charles M. Russell museum, home, and studio.

East Glacier, Montana, was really our beacon through all these travels, and it was somewhat awesome to me to see not only the majestic Northern Rockies but the old railway station and the grand old lodge where my mother and father had gone on their honeymoon seventy years before. Until now, Mother's accounts had seemed like some storybook tale. The bear grass still does; we saw not one spike on the entire trip.

But the scenery was spectacular and the geology equally so. Our side trip up Marias Pass to the Roosevelt Monument gave us good views of the incredible Lewis Overthrust. It is here that a great plate of Precambrian rock has been thrust eastward over the younger Mesozoic and Paleozoic formations of the great plains. The overthrust block has moved eastward at least fifteen miles over the younger rocks. The forward edge of the overthrust is clearly delineated for miles as it forms the east rampart of Glacier National Park.

The little town of St. Mary, home of long-time friends of Gilbert's, was our first Glacier National headquarters. From there we explored Two Medicine Creek and Trick Falls, Two Medicine Lake, the beautiful Upper St. Mary Lake with its quaint little Goose Island, and were appropriately impressed by the mountains and glaciers. The trail to Iceberg Lake was closed because of recent bear maulings, but Grinnell Glacier with its waterfalls was lovely. However, Gilbert was dismayed to see how much the glacier has retreated since he saw it first in the middle 1930's. Even then it had already shrunk into two glaciers rather than one. One of the most memorable experiences was the boat ride on Waterton Lake in the Canadian end of the park. It was cloudy, foggy, even rainy all day; but that lent an air of majesty and mystery to the fjord-like scenery, giving everything the air of a Japanese landscape. It was a great experience too to "dine" there in the imposing Prince of Wales Hotel.

To reach West Glacier, where Gilbert also used to stay in earlier days, we took the spectacular Going to the Sun Highway, considered by some to be one of the ten most breath-taking drives in the world. Surely the building of that highway ranks among the greatest engineering feats of all time. The sweet cherry country, mile after mile along the east side of Flathead Lake on the way to Missoula and Butte, Montana, was a great contrast; but the huge, juicy black-red fruits were most welcome. Butte, however, was another reminder of the sad state of our copper industry.

Virginia City and Ennis (great rock shop!) were fun stops on our way to another somber spectacle, the Madison Canyon slide area of the August 17, 1969, earthquake, Earthquake Lake and Hebgen Reservoir. The tragedy was an awesome introduction to the beauties of Yellowstone National Park, and I'm glad we saw it first.

The mystery of Yellowstone must surely be the dominant impression to anyone who sees this national park. I had long supposed that Old Faithful was primarily what the park was all about. I wasn't disappointed in Old Faithful, but my real love is the Canyon of the Yellowstone with its subtly alive colors. Following closely are Minerva's Terrace of Mammoth Hot Springs and the Porcelain Basin. For cool contrast try Hayden's Meadows and views of Specimen Ridge through high powered binoculars (trails there are now closed). Diversify a little with a side trip up to the rugged Bear Tooth Plateau outside the park. Yellowstone has greater diversity than any other national park we have visited.

Specimen Ridge deserves more consideration. Twenty-seven successive forests of petrified trees are buried there in pyroclastic materials. These layers are now exposed by erosion on the sides of the ridge.

The Tetons were the crowning glory of the trip. No wonder they are referred to as the Grand Tetons. I can feel why, though I can't actually see why. They aren't the largest. They probably are not the most beautiful. Is it because they are so neatly and compactly arranged that one can get a better grasp on them and incorporate them more fully into ones being? Whatever the reason, I know I shall want to return again and again. The view of the Cathedral Group (Grand Teton, Teewinot Mountain, and Mt. Owens) across beautiful Jenny Lake is the superb memory. The Chapel of the Transfiguration with its altar cross silhouetted against the background of the majestic Tetons perhaps best expresses

the spirit of these mountains.

A cabin for the night at Dubois, Wyoming, with the romantic Wind River at our back door marked the beginning of our return to Lincoln by way of Ft. Laramie and Scotts Bluff. We had been gone four weeks. We could hardly wait for the necessary three weeks of washing, bill paying, letter answering, and re-packing to pass so we could set out on Part II of our love affair with our national parks.

--Florence Boring Lueninghoener

Dear Gem Friend:

3022 So Wheeling

Aurora, Co. 80014

Feb 23, 1985

It was by way of
some of the L.G.M.C. we

learned you had a very interesting
display at the 1984 Show. We were hap-
py that you could use some of our
accumulations to have something
of interest.

Several years ago we had a map
of USA with specimens of soils and
sands for each state, plus extras
from other nations. They were in small
medison bottles.

The Pick & Shovel keeps us in-
formed of the activities and with
the 1985 Show you may have still
something to display

Greetings to all our friends
of the L.G.M.C. March Show 16-17

Mildred & Ray Pfeiffer
3022 So Wheeling Hwy
#307 Aurora, Co 80014

Claude B. Dawson

SNOW AND MAIL ORDER ONLY

ROUTE 1, BOX 208A
DORA, MISSOURI 65637
417-261-2499

March 28, 1985

Lincoln Gem & Mineral Club
c/o Howard Taylor, Jr.
910 New Hampshire
Lincoln, Nebraska 68508

Dear Friends:-

What a show! Green everywhere.
It was nice. The dinner was
really enjoyable and thanks for
the doughnuts and coffee at set-up.
Thank you for having us and
hope to be invited back next
year.

Sincerely,
Claude & Jenny
Dawson

THE PICK & SHOVEL

DECEMBER 1985



In this issue

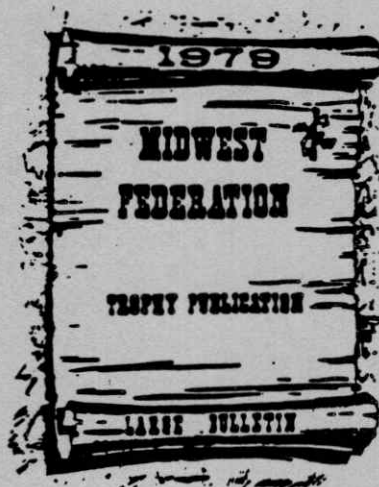
.....Comet Philosophy of a German
Octagenerian

MEMBER-abilia=Ewald Paul

Library Additions

AGATE FOSSIL BEDS

Activities/Information Form



OFFICIAL PUBLICATION OF

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505

LINCOLN GEM AND MINERAL CLUB, INC.
P.O. BOX 5342, Lincoln, NE. 68505-0342

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

Regular Meetings: 4th Saturday of the month, September thru May: 7:30 P.M.
At Nebraska Center, 33rd & Holdrege

1985 ELECTED OFFICERS:

President	Claude Scott	4917 Normal Blvd.	Lincoln, 68506	488-0739
1st Vice Pres....	Roger Pabian	315 'D' St.	Lincoln, 68502	474-2034
2nd Vice Pres....	Linda Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Secretary.....	Vera Lyman	420 N. 56th St.	Lincoln, 68504	464-6089
Treasurer.....	Phyllis Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Board Member....	Mark Mercier	3316 'R' St.	Lincoln, 68502	476-6242
Board Member....	Jim Stewart	1339 Eastridge Dr.	Lincoln, 68510	489-2867
Board Member....	Marie Taylor	910 New Hampshire	Lincoln, 68508	476-3707
Board Member....	Janet Wright	3715 S. 33rd St.	Lincoln, 68508	488-1884

NOMINATING COMMITTEE -- 3 years: Vera Lyman, John Lewis
2 years: Jim Parks, Ervin Marshall
1 year: Richard Haney, Wilfrid Wittmann
Jim Taylor, Chairman

LONG RANGE PLANNING AND BY LAWS COMMITTEE:

1 year - Marie Taylor, Vera Lyman	3 years - Jim Taylor, Irl Everett
2 years - John Abel, Roger Pabian	Jim Taylor, Chairman

STANDING COMMITTEE CHAIRPEOPLE:

Calling.....	Phyllis Parks	Membership.....	Linda Parks
	Marie Wells	MWF Liaison.....	Marie Taylor
Education/Publicity...	Roger Pabian	Programs.....	Bob & Mary Walker
Historian.....	John & Lillie Lewis	Scholarships.....	Marie Taylor
Hospitality.....	Susan Taylor	1985 Rockhound/yr...	Roger Pabian
Housing/Property.....	Claude Scott	1985 Annual Show....	Vera Lyman
Junior Activities.....	Janet Wright	1986 Annual Show....	Fred Holbert
Librarian.....	Jim Parks	Christmas Party.....	Marie Taylor

AUDITING COMMITTEE 1984.....John Abel, Ervin Marshall
Virginia Green, Phyllis Parks, Treas.

PICK & SHOVEL STAFF:

Editor.....David Heffelbower 1819 Washington, Lincoln, NE 68502
Asst. Editor....Vera Lyman 420 N. 56th St. Lincoln, NE 68504 (NAOESCI)
Sunshine Corner..Susan Taylor
Reporters.....Julius Young, "CLUB MEMBERS"

DEADLINE: 1st of Month of Issue. Original articles may be reprinted if credit is given the author and THE PICK & SHOVEL and a copy of the publication is sent to the Editor.

Calendar of Events

- GENERAL MEETING:** The December general meeting will be the Christmas party :Saturday Dec. 7 at the Nebraska Center, 33rd. and Holdrege. Gift exchange for those who wish to participate. Irl Everett will present the program: a slide presentation about "The Grotto of the Redemption".
- YOUTH MEETING:** Due to the Christmas party there will be no formal meeting of the youth group.
- BOARD MEETING:** December 12 - 7:30 P.M. at the home of Bob and Janet Wright, 3715 South 33rd. St.
- JANUARY BOARD MEETING:** The January board meeting will be a joint meeting of the 1985 and 1986 officers. It will be held Monday, Jan. 6, 7:30 P.M. in the American Charter building- 40th & South

Regional Show Schedule 1986

1986 dates and locations for all Regional Shows and Conventions. The combined American Federation Show and Convention will be held in South Bend, Indiana in conjunction with the Midwest Federation Show and Convention.

CALIFORNIA	EASTERN	MIDWEST	NORTHWEST	ROCKY MOUNTAIN	SOUTH CENTRAL
Sacramento California	Providence Rhode Island	South Bend Indiana	Medford Oregon	Phoenix Arizona	Corpus Christi Texas
June 25-27	October 25-26	July 17-20	August 8 - 10	November 21-23	March 7-9

Don't Miss This!

DUE TO CHANGE in Editorial Staff, please send all exchange bulletins to the Following:

LINCOLN GEM & MINERAL CLUB, INC.
P. O. Box 5342
Lincoln, NE 68505-0342

This will be the permanent address for all exchange bulletins being sent to Lincoln Gem & Mineral Club.

THANK YOU

HELLO FROM THE SUNSHINE CORNER:

May the wonder of Christmas
make its home in your heart!

Hope Santa is good to all of you and
leaves slabs, geodes, specimens, findings
and equipment in your stockings this year!

The Taylors wish you all a warm,
wonderful and Blessed holiday season!



Susie ("Snowflake") Sunshine

* * * * *

Comet Philosophy of a German Octagenerian

Many people ask me have I seen der comet. Vell, no.
Not yet. Maybe dey tink I am too olt und over der hill. Ach
Himmel! It vas yust too cloudy.

Tonight maybe I try again. I vill drink some schnapps
und den I vill look through a stovepipe und maybe I zee der
comet.

Did I zee der comet seventy-fife years ago? Donner vet-
ter und blitzen! Ja! Dat vas somethin' to zee! Effry time I
tink of it der comet gets brighter.

If it stays cloudy effry night, I yust vait anudder
seventy-fife years. I vill den be a hunnert und fifty-nine
years olt. Impossible, you say? Nein! I yust drink some
sauerkraut-flavored Comet Cola und eat a lot of dem vitamin
comet pills. Den I vill zee der comet again. Wunderbar!

--Gilbert Lueninghoener

President's Message

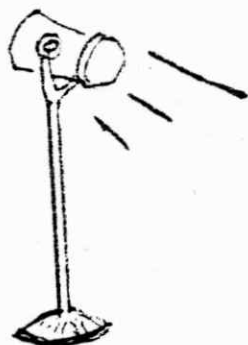
This will be my last "message". I want to take this opportunity to thank every person who gave me assistance this past year. I am indebted to many of you for your help in operating the club in 1985. There was so much to learn. I did learn a great deal during the year (though I'm sure not enough). You are a great bunch of people.

You have elected a very good group of officers and board members for the coming year. Please give them all the help and support that you possibly can.

At this Holiday season, I hope everyone who reads this page will spend a few minutes to think about the real meaning of Christmas.

Gail Clare and I want to wish all of you a Merry Christmas and a Happy New Year.

Claude Seeth



MEMBER-abilia

Ewald Paul

Ewald attended the first Lincoln Gem & Mineral Club meeting over 30 years ago and became a member later that year. As one of the first members, he has spent many hours working at our shows and attending meetings.

Ewald is a toolmaker by trade and a handyman by experience. He has taught school at Milford--sharing the secrets of a good machinist. That's one of the most important qualities in a LGMC member: sharing. Ewald always shares the work. He always lends a hand.

Ewald is interested in many aspects of our hobby. For him rockhounding is "creative and rewarding." His displays at the shows reflect these feelings. Ewald has a large collection of slabs and enjoys cutting and polishing.

When you see Ewald at the meetings or shows, Paul Brauch will often be with him. Paul hasn't been in the club that long, but he and Ewald have known each other for many years. They were co-workers at Elgin Watch back in 1947!

submitted by Linda Parks
with the help of Paul Brauch,
Irl Everett, and Phyllis Parks

Library Additions

Archie, G. E. (1941). "The Electrical Resistivity Log as an Aid in Determining Some Reservoir Characteristics." Bound with Kohl, J., Newacheck, R. L., and Anderson, E. E. "Gaseous and Liquid Tracers for Underground Studies."

Burchett, R. R. (1971). "Directory of Nebraska Quarries, Pits, and Mines." Nebraska Geological Survey Resource Report No. 5.

Condra, G. E. and Reed, E. C. (1959). "The Geological Section of Nebraska." Nebraska Geological Survey Bulletin 14A.

Gardner, E. D. (1950). "Guide to Prospecting for Lode Gold." Bound with Clawson, M. "Locating Mining Claims on the Public Domain."

Parsons, C. J. and Soukup, E. J. (1957). "Gem Materials Data Book."

Svoboda, R. F. (1962). "Preliminary Report: Geology of the Richfield Anticline in Eastern Nebraska."

Valentine, R. M. (1960). "A Subsurface Geological Study of the Redfield Gas Storage Area."

Wallace, S. R. and Olson, J. C. (1956). "Thorium and Rare-Earth Minerals in Powderhorn District, Gunnison County, Colorado." Geological Survey Bulletin 1027-0.

"Black Hills Mineral Atlas, South Dakota: Part 1." Bureau of Mines Staff, Region V. (1954).

"Carrara Marble: Touchstone of Eternity." National Geographic, July 1982, V. 162, No. 1.

"Search for the First Americans." National Geographic, Sept. 1979, V. 156, No. 3.

donated by Irl Everett

AGATE FOSSIL BEDS

The title suggests both agates and fossils, either of which may interest rockhounds. Here the emphasis will be on the agatized deposits near Harrison in N.W. Nebraska's panhandle, believed by scientists to be one of the world's greatest vertebrate fossil bed discoveries.

James Denney's feature in the Magazine Section, Sunday world-Herald (Omaha), Nov. 24, 1985, roused my memory back to the summer of 1919 when I made the first of several visits to that great Nebraska attraction. I had attended a Y.W.C.A. convention of college students as one of three students from Wayne State Normal, now State College. (We hiked to several fascinating places near the meeting grounds in Estes Park, Colorado, and some of us climbed Long's Peak!)

My return railroad fare permitted side-trips, so I visited my oldest brother, at that time a pioneer irrigation farmer and rancher near Mitchell, bordering the dryland "Kinkaid's". We visited local features, a rodeo and irrigation dams. The real charmer was the 50 mile Model-T Ford trip from Mitchell across the upland "Kinkaid's" between the North Platte and the Niobrara Valleys to the already renowned Capt. James H. Cook's Agate Springs Fossil Beds.

There was no marked trail or highway to follow. I wore a small magnetic compass on my leather watch fob (no wrist-watch) and that guided brother Fred's open car through the rough, unmarked range-land, following cattle trails and fence lines. I opened and closed barbed wire fences, some just loosened and driven over (no electric fences yet!). I remember no open "cattle-guard" gateways. The barbed wire gates were primitive and loved only by a Kinkaid. I opened 30 of them going, and the same number returning. (yes, I did close them too!)

Finally we arrived at the Fossil Beds Ranch where we met with great cordiality. We met the Captain's brother who was also the Postmaster at the tiny "Agate, NE" P.O. (no zip codes to enhance it yet!) Capt. James, himself gave us the personal attention which was his charming way with visitors.

We were shown many interesting artifacts, and especially things relating to the great Chief Red Cloud, including the only portrait painting of the chief, still hanging above where he posed for the artist during the painting. Also a place near the ranch house was marked to commemorate Red Cloud's last sleep at the ranch. We were given a tour of the fossil bearing hills, and met the men from the American Museum there on a fossil obtainment mission.

The National Park Service administers the over 2,000 acre tract, which was designated as a National Monument in the early 1960's. It is almost in the center of N.W. Nebraska's long Sioux County. Plans are being made for a \$2,200,000 building and museum to be constructed about 1990, or probably earlier if partly funded by some other organization; but a small portable trailer still houses the visitor center and a few displays of artifacts and fossils; inadequate for an area with so much historical and scientific interest!

AGATE FOSSIL BEDS - continued

This area is considered by experts to be one of the world's richest deposits of miocene fossils, when mammals first appeared, maybe 21,000,000 years ago. Scientists are not in agreement about the exact length of time, but rather a short span compared with many other forms of life on earth.

I shall give some of the Captain's explanation of how and when he came in possession of such a treasure as the Agate Springs Fossil Beds Ranch. I consulted my autographed copy of his rare book "Fifty Years On The Old Frontier", Yale University Press, 1923. (This book has been reprinted, at least in part, by other publishers.) In my 291 page hardbound volume there is a comprehensive section, "The Agate Springs Fossil Beds", with several pictures, some of which I saw being photographed in 1919, during that first visit there.

In that supplement James H. Cook, (a relative of the renowned explorer, Captain Cook, 1728-1779) tells of his acquaintance with a physician, Dr. E. B. Graham and his family. He fell in love with the doctor's charming daughter, Kate. They were married in 1886, and in 1887 he bought his father-in-law's cattle interests and Niobrara River Ranch and changed the name from "O-4" to "Agate Springs Ranch". His son, Harold grew up there, and in 1968 Uni. of Neb. Press published his hard-bound book, "Tales Of The O-4 Ranch", telling much of the early history between 1887 and 1909.

The fame of the Agate Fossil Beds is like many other worthy features often over-looked by "the home folks", but here the world's scientists have "beaten a path to its door." On my first visit there in 1919, just an interested novice, I met Dr. Erwin H. Barbour, University of Nebraska; Albert Thomson, in charge of field work for the American Museum of Natural History, New York; and Henry Fairfield Osborn, President of the American Museum of Natural History.

Those important scientists were removing a huge bone slab, containing fossil bones of 20 rhinoceros skeletons, for the American Museum, New York. At that time I had no realization that in a little over one year's time, as a reporter for the University of Nebraska's Daily Nebraskan, I would have the pleasure of frequently interviewing Dr. Barbour for State Museum news. He was always kind and helpful.

- Submitted by J. D. Young

Dear Lincoln Gem and Mineral Club members,

I have decided to revise and greatly improve my computer program on rocks. I am planning to include a rock trivia quiz and a section called "Guess this rock" in which clues will be given and the person asked to guess which rock is being described (its modeled after 20 questions). If you know any interesting rock trivia that would interest the general public, or if you have any other suggestions for computer rock games, please send them to: Anne Crawford, 3510 Everett St., Lincoln, NE 68506. Or tell me at the January swap. Your ideas will be greatly appreciated and may help with an interesting display for the show.

Thank-you,
Anne Crawford
Junior Member
Lincoln Gem and Mineral Club, Inc.

P.S. I could really use some donations of common fossils, rocks or minerals for the Rock Identification part of the program. If you have some materials that I may have or borrow, please bring them to me during the January Swap.

THANK YOU, ROGER! I wanted to thank-you for rescuing me at the last moment by providing a program for the November meeting. "Diamonds" was an excellent presentation. I was surprised that there are so many other materials (like garnets) which nature has included in her most perfect creation, or at least I'd thought diamonds were perfect until your program. Now that I've seen their imperfections, I think I appreciate them more. --Also a special thanks to Jan Wright and my mother for contacting Roger.

Most appreciatively yours,
Linda M. Parks

THE 8th ANNUAL INDOOR SWAP

The Lincoln Gem and Mineral Club (that's us folks) will be having their Eighth Annual Indoor Winter Swap on January 25, 1986. Come to the Nebraska Center for Continuing Education, 33rd and Holdrege Streets. Get your rocks, gems, minerals, fossils, and stories ready to swap. For more information, read the January Pick & Shovel.



WE ARE DUE



Exchange Page

WHAT AM I?

I am created of the admixture of Earth's minerals formed by the alchemy of time

I am born transformed in the blasting heat of firey furnaces

In molten mass I am tediously fashioned by the hand of cunning Artisan--or fed into the maw of intricate machine

I assume ten thousand hues of all the spectrum--either transparent, translucent or opaque--upon my maker's will

I can masquerade as ruby, emerald, topaz, moonstone and all the other priceless jewels of man

But frivolous baubles are not my aspiration--I serve ten million purposes in as many different places, forms and ways

My duties are unnumbered--infinite; pay heed to my utility

I admit the Heavenly light to hovel, palace or cathedral, and yet repel cold winter's howling breath

I faithfully project the light that warns great ships from shoal and concentrate the beams that guide swift vehicles through storm and gloom of night to bring the wayfarer safe home

I visibly contain my master's food--his drink--and countless other of his commodities; protecting them in transport and in the mart and home

I form the shell of flowing bulb and tube to diffuse his artificial light--and to disseminate his advertising

I am the walls of his abode, his office and his factory--and the objects of utility and art in each of these

I reflect his image--and mark the effects of time upon his person--sometimes I flatter but more often am critically severe

I correct his impaired sight and thus bestow enjoyment of the printed word--and all of Nature's beauties roundabout

I magnify his minute, unseen enemies and thereby do I promote his health and happiness

I form the gossamer thread from which is fashioned fine raiment--yet too the insulation of his dwelling

I reveal to him the mysteries of His Universe--carrying his vision to the illimitable reaches of the outer stars

Through me he learned to chart the Firmament--to plot the orbits of the Planets and predict the courses of the Comets and Eclipses

This knowledge I unfold is but the pledge of vast knowledge as--step by step--I lead him to unexplored, immeasurable spaces

(con't from p. 8)

For I am older than the Pyramids but newer than tomorrow's unborn dawn--
withal the marks of time affect me not for I am ageless and retain my
lustrous beauty permanently

Some of my tasks I have recounted--but this is only the beginning;
for those who make me and adapt me to their uses, are men of vision--
and together, as time unfolds, we will go far

And so--in modesty I proclaim--I am Man's invaluable and versatile
servant--I am GLASS.

by George J. Overmyer, 1940
via PEGMATITE & GLACIAL DRIFTER
via PICK AND CHISEL

TURQUOISE: At the time that Columbus was discovering America, the
Indians were operating underground mines for turquoise, emeralds,
obsidian and quartz. Los Carillos turquoise mine near Sante Fe, New
Mexico, reached its peak about 1, 200 years ago.

from DIGGIN'S FROM DAKOTA
via THE CYCAD

SHOP TIP: To clean fragil specimens, put them in a bowl and sprinkle
them with false-teeth cleaner. Fill the bowl slowly with water. Allow
the cleaner to finish bubbling and then rinse the specimen with a gentle
stream of water. You will be amazed.

From THE CUBIC SYSTEM ROCKHOUND NEWSLETTER
via CHIPS & FACETS
via THE BLACKHILLS PROSPECTOR

CHRISTMAS IDEA: A polished slab from a hollow geode can be made into
a wonderful frame for a cherished picture.

via ROCKHOUND ROUNDUP
via GEMTIME
via THE BEACHCOMBER
via GEM CITY ROCK NEWS

SHOP TIP: Algae and lichens may be removed from specimens by soaking
in a solution of ammonia and water.

via Gem-I-Ni and numerous others

NO HELP AT ALL: Did you know that one way to distinguish a rock from a
mineral is: A mineral always has a definite chemical formula, which
a rock does not have. So the next time you pick up something out on
a field trip, and you wonder whether it is just a rock, look carefully
on the back side...If you see a formula there, you will then know it
is not a rock!!!

from BRECCIA and numerous others

DUES BLUES?

Forget the hasty unkind word! Forget the slander you have heard!
Forget the quarrels and the cause! Forget the whole affair because
Forgetting is the only way of getting through an arduous day.
Forget you're not a millionaire; forget the gray streaks in your hair.
Forget you ever had the blues, but DON'T FORGET TO PAY YOUR DUES!!!!!!!!!!!!

via MINERAL SCOOP
via DIGGIN'S FROM DAKOTA
via ACHATES



JUNIORS

It's ELEMENTary!

E	T	I	H	C	A	L	A	M	M
V	N	B	R	O	N	Z	E	A	O
I	E	P	Y	R	I	T	E	G	T
T	M	U	I	N	A	R	U	N	A
C	E	A	L	L	O	Y	E	E	K
A	L	U	M	I	N	U	M	T	C
O	E	M	G	I	N	O	O	I	O
I	E	C	O	P	P	E	R	T	C
D	A	E	L	T	I	N	H	E	A
A	R	A	D	Z	I	N	C	L	E
R	M	U	I	N	O	T	U	L	P

Find these words in the matrix:

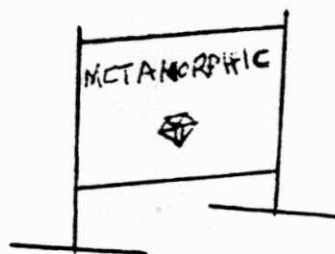
alloy	malachite
aluminum	metal
atom	ore
bronze	peacock (ore)
chrome	plutonium
copper	pyrite
element	radioactive
gold	tin
lead	uranium
magnetite	zinc

When you've found all these words, another will appear in the leftover letters.

Jr. Club Minutes

We looked at metamorphic rocks and learned how they formed. We learned that slate used to be in chalk boards. We also learned about garnets.

--Submitted by Reagan Wright



SEASONS GREETINGS

Corinna McColery

Garen Miller

Andrea Wright

Reagan Wright

Phil Abel



Brian Taylor

Scott McColery



Anne Crawford

Merry Christmas and a Happy New Year to one and all.



ACTIVITIES/INFORMATION-- During 1985

Did you give a talk to: school room classes; civic clubs; other rock clubs; Scouts; 4-H clubs; Senior Citizens organizations; etc.?

Did you write an article for any publication or magazine, including the PICK & SHOVEL?

Did you display, demonstrate, judge, or otherwise participate at other gem and mineral shows, fairs, etc?

Did you donate materials to a school, scout troop, hospital, etc.?

Did you help someone learn more about the hobby? Did you teach someone how to make a cabochon or silversmithing? Did you help someone by identifying minerals, fossils, or cutting material, etc.?

These are just a few of the items we need to learn about your activities during 1985. Remember the little things count and will add points in our quest for another All-American Award.

1985 Activities: Name _____

I gave a (program, talk, etc.) _____

I (exhibited, demonstrated, judged, etc.) _____

I attended or participated in shows at _____

I donated (slabs, fossils, equipment, cutting material, etc.) _____

I taught or helped teach _____

I wrote an article _____

OTHER (Anything pertaining to the hobby not included above) _____

(Please return to "Lincoln Gem & Mineral Club, P.O. Box 5342, Lincoln, NE 68505-0342" by January 25, 1985 or bring to the Jan. Meeting.) ---This page based on THE GLACIAL DRIFTER, Oct 1985.

TAPE RECORDING CLUB AND SHOW PROGRAMS

It is not uncommon that someone asks my permission to tape record a program that I am presenting at a meeting of our own club or some neighboring club or at a show sponsored by our club or some other club. I appreciate the fact that many people find my topics of sufficient interest that they desire to make some sort of a record of them. More often than not, however, I do not give permission to have any of these programs recorded. There are several reasons why.

I am especially perplexed when someone enters the program room and simply flips the tape recorder on and starts to record without asking permission to tape the program. In most cases, slide programs are made up at great personal expense. The program is the property of the one who is presenting it or who has written it and provided it for one of the various federations program libraries. To record the program without the consent of the writer is taking something from the writer without consent. To have segments of programs appear in bulletins, magazines, and other media dilutes both the credibility and the earning power of the original author.

If you would like to record a program, give the author the courtesy of asking permission to do so. This is no different than asking a ranch or farm owner for permission to collect rocks on his or her property. Much of the information in a program is being retained by the author for greater goals such as magazine articles, or, in my case, lengthy books. Most of that material has been gleaned by the author at great expense and a great commitment of time.

Especially unethical is the piracy of materials from programs that have been obtained from the slide program libraries of the various federations. This includes duplication of slides as well as scripts. Here the authors have turned over their materials to the federation slide libraries to share with their colleagues. When the program is being presented by someone other than the original author, the author has no control over unauthorized duplication of materials.

Fair use of program material does include taking notes. Take all the notes you wish. Fair use also includes utilizing the question and answer session after the program and any subsequent conversation with the author.

If you wish to record a program, ask the consent of the author. It is only being fair to the owner of the materials in the lecture.

Roger Pabian

PATRONIZE YOUR ADVERTISING DEALERS

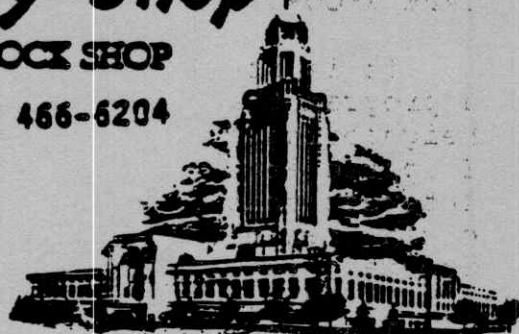
MEXICAN MINERALS - SLABS - TUMBLER STONES

Everett Lapidary Shop

THE CAPITOL CITY'S FIRST ROCK SHOP

2941 North 65th

PHONE 466-6204



AUTHORIZED DEALER FOR ALL LAPIDARY EQUIPMENT

"Satisfied Customers Are Our Best Advertisement"

J J & L ROCKS & MINERALS

"Supplies for the novice to the discriminating Rock Hound"

(402) 792-2337

Shop at 330 Locust, Hickman, Ne.

Mail order & Free Catalog, Box 68, Hickman, Ne. 68372

Jim Marburger

John Harrison

CUSTOM CUTTING
FOSSILS

ROUGH
MINERALS
SPECIMENS

CABACHONS
FINDINGS
SLABS

FINISHED JEWELRY
SUPPLIES

Read your bulletin to spot *new materials* or *specials* of the above advertisers.

Advertising by a rock-hobby business or interest is permitted with approval of the Board, at a rate now set at \$15.00 per full page per insertion, paid in advance.

1/2 page \$7.50, 1/3 page \$5.00 1/4 page \$3.75 (min). These ads will be placed throughout the bulletin as space permits.

Subscriptions to THE PICK & SHOVEL are \$5.00 per year mailed.

Dues to LINCOLN GEM & MINERAL CLUB are as follows:

Adult membership fee \$5.00 (age 16 and over)

Junior membership fee \$1.00 (age 12-16)

Family membership fee \$11.00 (husband, wife and all children under 16 - permanent residents of household)

New membership must be approved by the Board, after applicant attends at least one (1) regular meeting of the club, and pay the above dues plus \$1.00 registration fee.

REMEMBER: DUES ARE DUE. Delinquent Jan. 31st.

No General Meeting until January 25, 1986

"MERRY CHRISTMAS".



h.e.l.p.

HELP ELIMINATE LITTER PLEASE!

Lincoln Gem & Mineral Club
Box 5342
Lincoln, Nebraska 68505-0342



BULK RATE
U. S. POSTAGE
PAID
LINCOLN, NE
PERMIT NO. 799

Editor: David Heffelbower
1819 Washington
Lincoln, NE 68502