

# CALENDAR

**Meeting:** Saturday, Sept. 23, 7:30 PM, Nebraska Center Continuing Education, Beatrice Room, 33<sup>rd</sup> & Holdrege Sts.,

**Program:** 'Federal Atlas of Minerals' to be presented by Eric Fritsch who says this is a **new** idea. Eric presented the very interesting program on 'Minerals of South Dakota' at our February 2000 meeting which was really enjoyed by those of us who were present.

**Youth** 7:00 PM. Bring your summer finds to brag about and be ready to plan for the coming meetings.

**Rock of the Month:** Bring your best summer acquisition.

**Members:** Please correct the two new member addresses that were in the May Pick & Shovel! John W. Hyland , Box 452, Denton, NE 68339, Phone 458-7725. John came to the May Meeting , paid dues for a year, ordered The Gem Palette and a club name badge. I also see that he attended one of Roger's Field Trips. Welcome John!

Mary (Mickey) Lutjeharms, 6010 Berkeley Drive, Lincoln, NE 68512., 420-6143  
Mickey sent a check to cover her dues and hopes to join us in September. Welcome!

**NEXT LGMC SHOW - MARCH 24-25, 2001, Pershing Auditorium**  
(Our 43<sup>rd</sup> Annual Show)  
"INNER BEAUTY"

**Nearby Shows to Visit**

Sep.23-24	<b>STATE SHOW</b>	<b>St. Mary's Social Hall, Schuyler, NE, Loup Valley G &amp; M Soc.</b>
Sep.23	GeoJam	Sheffler' Geode Dig, Swap Meet, Picnic,--Alexandria, Mo. (Call editor for more information)
Sep. 30	<b>AUCTION</b>	Palo, Iowa, approx. 1000 lots. List at club meeting Sep.23
Sep.30-Oct.1	<b>SHOW</b>	Nebraska Mineral Club, 45 <sup>TH</sup> Annual, Holiday Inn, 72 <sup>nd</sup> & Grover
Oct.13-15	<b>SHOW</b>	Greater Detroit Gem & Mineral Show, Warren, Michigan
Oct.21-22	<b>SHOW</b>	Des Moines Botanical Center
Oct.28-29	<b>SHOW</b>	Fort Kearney Rock Club, Hilltop Mall, Kearney, NE

**2000 REGIONAL SHOW SCHEDULE**

**EASTERN FEDERATION**  
September 16-17  
Harrisburg, Pennsylvania

*over*  
**CALIFORNIA FEDERATION**  
August 4-6  
Riverside, California

**SOUTH CENTRAL FEDERATION**  
May 5 - 7  
*over*  
Fort Worth, Texas

**NORTHWEST FEDERATION**  
June 23-25.  
*over*  
Monroe, Washington

**SOUTHEAST FEDERATION**  
October 20-22  
Knoxville, Tennessee

**AFMS/ROCKY MOUNTAIN FEDERATION**  
October 13-15  
Moab, Utah

**MIDWEST FEDERATION**  
August 18-20  
St. Louis, Missouri

*REPORT PAGE 5*

# YOUTH NOTES

Monday, Sept. 11--Just received a quick call from Youth Leader Kay Jurgens. She is swamped with nearly full time teaching duties as well as her before & after school programs so was unable to prepare her usual great page for you. She is hoping to see most of you at 7 PM on Sept. 23 before the General Meeting. Your Editor challenges each of you to complete the following project clipped from Thr ROCKFINDER of October 1997:

## Chemical Compositions of Minerals

What do you know about each of the following minerals? You know that galena is an important ore of lead. When a chemist separates galena, he/she finds two kinds of matter: lead and sulfur. The symbol for lead is Pb and the symbol for sulfur is S. So the chemical formula for galena is PbS. Think about which chemical elements these minerals are composed of, then correctly list each mineral next to its chemical formula.

barite  
fluorite  
quartz

calcite  
galena  
rhodonite

chalcopyrite  
halite  
rutile

cinnabar  
hematite  
smithsonite

corundum  
pyrite  
sphalerite

Chemical Elements	
Al	aluminum
Ba	barium
C	carbon
Ca	calcium
Cl	chlorine
Cu	copper
F	fluorine
Fe	iron
Hg	mercury
Mn	manganese
Na	sodium
O	oxygen
Pb	lead
S	sulfur
Si	silicon
Ti	titanium
Zn	zinc

- Al<sub>2</sub>O<sub>3</sub> \_\_\_\_\_
- BaSO<sub>4</sub> \_\_\_\_\_
- CaCO<sub>3</sub> \_\_\_\_\_
- CaF<sub>2</sub> \_\_\_\_\_
- CuFeS<sub>2</sub> \_\_\_\_\_
- Fe<sub>2</sub>O<sub>3</sub> \_\_\_\_\_
- FeS<sub>2</sub> \_\_\_\_\_
- HgS \_\_\_\_\_
- MnSiO<sub>3</sub> \_\_\_\_\_
- NaCl \_\_\_\_\_
- PbS \_\_\_\_\_
- SiO<sub>2</sub> \_\_\_\_\_
- TiO<sub>2</sub> \_\_\_\_\_
- ZnCO<sub>3</sub> \_\_\_\_\_
- ZnS \_\_\_\_\_

FROM: HY GRADER; JUNIOR CLUB NEWS PAGE by Karen James

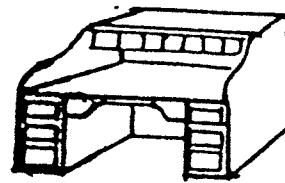


CLIPS: A WORD TO THE WISE: Do not squander time, for that is the stuff life is made of. Killing time is burying your own future. Via Chip & Lick of Ohio

With current footwear styles of loafers, sandals, pull-ons, and side-pipped boots, a fellow can go thru college, earn a PH.D. and still not know how to tie his own shoes.

Via Spring River G & M News, Ark.

**From The President's Desk**



Hello LGMC Members:

I want to give a special **THANK YOU!** to Roger Pabian for the Field Trip on May 29<sup>th</sup>. Seven went on the trip. We took two vehicles. We had a good time.

In June the club picnic was only attended by three persons. Where were you? (**Poor Communications?**)

On June 30<sup>th</sup> we lost a special club member, Lois Everett. Our sympathy to Irl Everett.

Also there were several auctions this summer to go to and the Grinding Party on July 23<sup>rd</sup>. I was busy getting ready for my garage sale August 25, 26-very tiring! Next time not until 2003 or 2004, but I am going on vacation for a week before next club meeting.

I've had calls for information about the club and meetings, and about books and magazines a lady would donate to the club. At the time I wished that we had our own clubhouse or official meeting place so that we could handle these requests easily. It has been a dream of some of us in the club to have a permanent home where we could do all this, have study groups, classes, and our meetings ever since I've been in the club.

Hope to see you at the September 23<sup>rd</sup> meeting.

Edward Ridge

\*\*\*\*\*

**A Late May Field Trip**

On May 29th, several members and guests of LGMC took a one day trip down to the area around Table Rock and Humboldt, Nebraska, to do a bit of exploring and collecting of gem materials in several deposits of glacial till and stream gravel. The trip was attended by John Hylan, Randy Nelson, Aaron Nelson, and Danny Cromer in one vehicle and Eddie Ridge, Donald Arp (one of my gemology students at UN-L) and I in the other vehicle. We made a couple of stops to look at glacial till in roadcuts and then looked at a terrace gravel that was largely derived from till in the Table Rock area. These were mostly the morning stops and then we went to look along some gravel bars in the South Fork of the Big Nemaha River. Speaking for myself, I found one of the nicer Lake Superior agates that I have ever recovered in the downstream end of a bar where it was the only rock of any size to be seen. Danny Cromer also found a pretty nice Lake Superior agate along the same bar, but farther upstream. Most everybody found some agate or jasper of one kind or another and the gravel bar also produced quite a few invertebrate fossils of late Pennsylvanian or early Permian age.

Several days after the trip, Donald Arp came into my office with a bryozoa colony that was of interest as it had set up housekeeping on the crown of a flexible crinoid. The crinoid was no longer there but a pretty decent mold was available. A cast of the mold is in preparation at the moment and it should prove to be a very interesting fossil as flexible crinoids are quite scarce in the geologic record after about the early part of the latest Pennsylvanian.

Roger K. Pabian

## News and Notes -

Please accept my belated thank you for your participation in the Extra Special 80<sup>th</sup> Birthday Celebration that my kids surprised me with on June 10, 2000. (Yes, I'm 80 and darned proud of it--even if I only seem 90 at times.) All of the wonderful cards and the people who joined us at Antelope Park Shelter for cake and coffee or punch and the special gifts and visiting was awesome. After the family came from all parts of the US to help me celebrate, my brain was nearly dysfunctional for the rest of the month. Thanks to everyone who participated. Sincerely Phyllis

The **Grinding Party** at Pioneer Park Nature Center on July 23 was again a very pleasant afternoon with Karen Messenger as our Hostess for the Park. She even had the wheelbarrow ready to help haul the equipment for us. Roger was on tap for gemstone identification and enhancement. Ed had his normal quota of machinery, books, rocks and helpful hints. Jim Atkins had a nice case of finished gemstones and his camera. Susy McMahan had her lapidary machine for demonstration. Jim Parks had two cases of finished materials and Phyllis the Guest Sign-up sheets. Grant, who chaired the event, came a bit late due to last minute phone calls. Our Thanks to Karen for all her help and goodies and for the participation Thank You Note.

Susy McMahan demonstrated lapidary at the Nebraska State Fair this year. Located in the (air-conditioned) Exposition Building, many visitors stopped to watch stones evolve from rough to polished. Susy estimated that she answered at least 10,000 questions, many repeat, to both young and old interested fair goers.

On June 30, 2000, we lost one of LGMC's dearest, gentlest, most talented members, Lois Everett, wife of our Club Founder Irl Everett and always a part of Irl's devotion and dedication to Lincoln Gem and Mineral Club and its members. Lois was a big part of Everett Lapidary at the first 25 or 30 shows they were a part of, did lapidary work with several stones on "Gemstones of Nebraska", served as Historian and as Resident Agent for several years and took part in most of our activities. We'll miss her gentle smile and willing hands. Our sympathy goes out to Irl and to his children and grand children.

A new Lapidary Class is scheduled to start Monday, October 9<sup>th</sup> at The Auld Center with Roger Pabian as instructor. If you are interested don't wait too long to register as it fills up very rapidly. For those lucky participants please enjoy using some of the new equipment which LGMC will provide through our Special Lapidary Equipment Fund which is funded by donations and silent auctions for that purpose. (Thanks to the persons who have made Special Contributions for this fund.)

Through the summer we have noted the passing of several very special persons who previously were a part of LGMC, doing many things that helped keep us growing and flourishing. On April 13 Evelyn M. Ulrich, 93, a retired teacher, who had served as club secretary and later as Editor of The Pick & Shovel for several years. June 17, Thomas A. Simmons, (Chief) 90, who had served as President in 1964, as Wagon Master for more field trips than we have had in the last ten years, had a lapidary shop and provided members with many of their needs, had huge displays for our club shows, set up special tables with Braille identification labels on special rocks for the blind to SEE. His contributions were too numerous to be forgotten. On September 4, Gene L. Eno, 68, LGMC President in 1967, the year of The Rockrama, one of the leaders for our big 'Pleezy Dig' in 1964, very active in our "104" museum preparation activities of the 60's, a talented glass-blower who demonstrated his art at many of our shows. Each of these persons are a part of our history.

LINCOLN GEM & MINERAL CLUB, INC. - GENERAL MEETING - May 20, 2000  
 7:30 P.M. Bethany Park Shelter House  
 Dessert Supper & Coffee

President called the meeting to order Hospitality reported 13 members, plus new member Mr. John Hyland and 2 Juniors present. Ruth Bennett was a guest.

Minutes were approved as printed with a motion by Phyllis Parks, 2nd by Kay Jurgens. Carried.  
 Treasurer's report approved with a motion by Shirley Rockel, 2nd by Grant Bennett. Carried.

OLD BUSINESS: Individual Club name badges are available for new members and any current members who desire to purchase one @ \$ 7.50 + tax, for total price of \$ 8.00 each. Please contact Phyllis.

Copies available of lists of recipients of NAS Scholarships.  
 NAS - Nebraska Academy of Sciences)

#### DELEGATES:

Four delegates are needed for State Show at Schuyler on Sep. 23-24  
 Thus far Grant Bennett and Dave Heffelbower have volunteered.

Also, delegate needed to MWF Show. There were no volunteers. It was suggested to call Bill & Betty White to see if they could act for our Club.

Motion by Phyllis Parks, 2nd by Susan Taylor that any Club member going to the Show - be our delegate - take notes and bring back to the Club.  
 Motion carried.

#### FIELD TRIP:

Roger Pabian announced that he would be leading a Field Trip down the South fork of Big Nemaha on May 29, 2000.  
 It would be in conjunction with Class members from Lapidary Class from SE Comm. College. Meet at Auld Center in Antelope Park at 8:30 A.M.  
 Will return at 7:00 P.M. Each person bring a sack lunch, water, etc. for the trip. The group will be looking for cutting material, and some stops to find invertebrate fossils.

Also, 3rd Sat. in June is Weeping Water "Lime DAYS".  
 Pres. Ridge also announced he was planning to have a "rock" garage sale sometime in Aug.

Everyone enjoyed delicious desserts.

*Vera Lyman*  
 Respectfully submitted, Vera Lyman, Secretary

#### LGMC Treasurer's Report for Summer 2000 (May 1 through August 31, 2000)

	NBC Checking Balance 4/30/2000	1737.66
Receipts:		
New Member Dues & Registration	30.00	
Suspense-New Member Sub. to Gem Palette	3.50	
Suspense-New Member Name Badge	7.99	
Donations for Spec.Lapidary Class Fund	<u>450.00</u>	491.49
Payments:		
NBC Safety Deposit Box Rental	25.00	
May Board Meeting Rent	15.00	
May Pick & Shovel Printing	28.14	
Editor/Treasurer Expense	23.00	
Security Storage-2nd half year	378.00	
Memorial for Lois Everett	25.00	
Nebr.Assoc.of Earth Science Clubs-Forward Sub.	<u>3.50</u>	<u>497.64</u>
**	Pinnacle Bank Checking Account Balance 8/31/2000	\$ 1731.51

LINCOLN GEM & MINERAL CLUB, INC. - BOARD OF DIRECTORS - May 3, 2000  
7:00 P.M. @ Kinkos, 48th & Vine, Conference Rm.

Five members of the Board being present, constituting a quorum so business could be conducted. (Ed Ridge, Phyllis Parks, Vera Lyman, Dave Heffelbower, Suzy McMahan)

President called the Meeting to order. Minutes of the April Meeting were approved with motion by Phyllis P., 2nd by dave H. Carried.

The Treasurer's report and approval of Bills with a motion by Vera L., 2nd by Suzy M. Carried.

NO OLD BUSINESS

NEW BUSINESS:

Treasurer reported \$ 2595. profit from the Show with storage already paid.

Question of Chairman for 2001 SWAP. Phyllis will contact David & Charlene Bingell and Eric Fritzsich regarding their interest in that position.

Discussion of the need for new equipment for Lapidary Class. Will contact Roger Pabian, advise him of funds available and proceed from there.

MEETINGS:

May Meeting - 3rd Sat. - May 20 @ Bethany Shelter  
Program - "Egyptian Mummies"

Summer Plans: Field Trip - Roger had indicated earlier that he would lead a trip, but did not desire to coordinate it.

Sun. July 23, 1-4 P.M. - Grinding Party - Pioneer Park

Question of June picnic. Discuss at General Meeting

Sep. 23, Nebraska Center - Beatrice Rm.

Announce slate of officers for following year.

Oct. 28, Bethany Park - Halloween Party

Nov. 18, Nebraska Center - Annual Election

Dec. 10, (Sunday) 5-9 PM (Eat at 6 PM) Christmas Buffet. Suzy McMahan has agreed to chair this position.

MEMBERSHIPS:

Motion for re-instatement of James Null, 6515 Fremont, 68507 467-2763 by Vera L., 2nd by Dave H. Carried.

Two new applications received from Shirley R. Motion by Phyllis P. and 2nd by Suzy M. approval pending until dues are paid and meeting attended.

Historian is working on scrap books. If you have any material or suggestions, please contact Suzy M.

NEXT BOARD MEETING - SEPTEMBER 6, 7:00 P.M. @ Kinkos, 48th & Vine.

Meeting adjourned.

Respectfully submitted,

*Vera Lyman*

Vera Lyman, Secretary

\*\* Note: When NBC Banks were sold to Wells Fargo the one at 40<sup>th</sup> & South where nearly all of our business was transacted, was sold to Pinnacle Banks with very little change in accounting procedures and retaining the same Branch Manager that we had been dealing with for about seven years. The transfer was made on July 9<sup>th</sup>, 2000 with no disruption to our club accounts except to provide us with new checks, recorders and deposit books. Phyllis N. Parks, Treasurer

Midwest Federation Show,  
August 18-20, St. Louis, Missouri

From Thursday, August 18 through Sunday, August 20, I spent several days at the Midwest Federation's 60th Anniversary Show at Queeny Park. Bill and Betty White, John Harrison and Jim Marburger were also present. I spent much of the time lecturing and distributing educational materials about Nebraska's gems, minerals and geology. The show was very well attended and there were some outstanding dealers, demonstrations and displays. Of the two dozen or so dealers at the show, only four were fixtures at shows in our region and what time I had to look over merchandise was spent pawing over quite a few things with which I had not ever had contact with before. There were lots of new and different materials to look at and a few new lapidary materials with which I had not previously worked. The prices of much of the material were quite reasonable. I was also quite pleased that several of the dealers added the banded agate book to their stock.

There was an abundance of local Missouri material that was offered in the silent auctions. I came up with a few nice pieces of Mozarkite, Missouri Lace Agate, Union Road Agate and other varieties of jasper and flint that should prove most challenging to work up into cabochons and other shapes.

One large display of several hundreds of cabochons contained about one example of almost every named variety of chalcedony gem of which I am familiar. Then the same display had about 30 examples of chalcedony gems of which I had never heard. Another outstanding display was of crinoids from the Keokuk or Burlington limestone of Mississippian age that crops out in much of Missouri. There were some rather outstanding crowns and calyxes of quite a few different crinoids.

One of the very impressive displays was apparently a club display of minerals, gems and fossils all from Missouri. It was interesting to view a large selection of specimens that represented the state in which the Midwest Federation convention was being held. Many times in the past, I have been disappointed in regional shows in which none of the materials from the host state are being displayed.

Dean Heflin of Pickering, Missouri, had a very nice featured display of agates, wood and jasper from northwestern Nebraska. The Honey Agates and the many fine patterns and inclusions that these underrated little stones may show particularly impressed me. Dean also showed a number of jade substitutes that he had found in the glacial tills and river gravels from his area and some very fine Lake Superior Agates.

Bill White won several Midwest Trophies for Lapidary and Betty won trophies for minerals and in the bulletin editors contest.

Everybody on the show committee was very hospitable and they provided a very enjoyable event for everyone who attended.

Roger K. Pabian

James Marburger, our 2001 SHOW Chairman presented the following Budget for 2001 to the Officers and Board. We recommend it to the general membership for approval at our September Meeting. Most of the Committee Chairs have been filled so look for further announcements soon.

**LINCOLN GEM AND MINERAL CLUB, INC.**  
**2001 SHOW BUDGET**  
 FOR  
**MARCH 24 - 25, 2001**

SHOW CHAIRPERSON JAMES A. MARBURGER

**INCOME:**

Dealers	14 @ \$400.00	\$5,600
Demo selling	3 @ \$36.00	108
Tickets	2,000 gate @ \$4.00 with \$1.00 off coupon	6,000
<b>Total Income</b>		<b>\$11,708</b>

**PLANNED EXPENSES:**

Floor Rental	\$2,500	
Tables 225 @ \$5.00	1,125	
Chairs 150 @ \$1.50	225	
Front entrance tables and covers (3)	60	
Round tables	<del>NC</del>	
PA System	NC	
Elevator operators	150	
Security	1,300	
Misc. expense	200	
Insurance	100	
Advertising	1,800	
Recognition's	100	
Program/show flyers	200	
Programs	200	
Special Features	800	(Motel 3 nights 180.00 + 100.00 gas = ~280.00 per features) estimates
Dealer Chairperson expense	100	
Gem Dig Materials	100	
Rock Races	100	
Chairpersons expense	100	
Misc. Expense	250	
Sales tax (gate)	300	
Power hookup	375	
Storage of property	760	
<b>10,845</b>		

**\$11,708 Income**

**10,845 Expense**

**\$863 Profit estimated**

**Show Theme "Inner Beauty"**

## 2000 ELECTED OFFICERS

President	Edward Ridge,	2507 A Street,	Lincoln, NE 68502	477-8469
1 <sup>st</sup> Vice Pres.	Jim Atkins,	3028 So.35th St.	Lincoln, NE 68506	483-1610
2 <sup>nd</sup> Vice Pres.	Grant Bennett,	721 No. 58 <sup>th</sup> St.	Lincoln, NE 68505	466-5377
Secretary:	Vera Lyman,	420 N. 56th St.	Lincoln, NE 68504	464-6089
Treasurer:	Phyllis Parks,	2435 So. 19th St.	Lincoln, NE 68502	476-6798
Board Member:	Kenneth Doe,	925 El Avado Avenue	Lincoln, NE 68504	466-4877
Board Member	David Hefelbower,	1819 Washington St.	Lincoln, NE 68502(ceil)	499-2970
Board Member	Brett Jurgens,	14421 Danvers St.	Waverly, NE 68462	786-2756
Board Member	Susan McMahan,	5636 Greenwood St.	Lincoln, NE 68507	464-0065

## Nominating Committee

3 years	Jim Parks
2 years	Charlene Bingell
1 year:	Jerry Moore
	Kevin Schwartman
	Roger Pabian
	Bill Rockel

Chairman: Past President Charles Wooldridge

## Long Range Planning & By-Laws Committee

3 years:	Charles Wooldridge, Chairman
	Kevin Schwartman
2 years:	David Hefelbower
	Jim Parks
1 year	Vera Lyman
	Roger K. Pabian

## Standing Committees

Membership:	Shirley Rockel	David Hefelbower
Education:	Roger Pabian	Vera Lyman
Field Trips:	? Coordinator	Susan Taylor
Historian:	Susy McMahan	Christmas Party
Hospitality:	Charlene Bingell	
Study Coordinator:?		
Housing/Property:	Jim Parks	John Harrison
Youth Activities:	Kay Jurgens	Jim Marburger
Librarian:	Roger Pabian	Charles Wooldridge
Auditing Committee:?	Jerry Moore, Mike Jurgens, Francis Belholovy	
Gem Palette Correspondent:	Grant Bennett	
Geology Day Coordinator:	2nd Vice President	

L. G. M. C. Web Page Address :  
<http://nesen.unl.edu/lgmc/lgmc.html>

## Your PICK & SHOVEL Staff

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Editor:	Phyllis Parks 476-6798
Business Reporter:	Vera Lyman 464-6089
News Reporters	All Club Members
Circulation:	Jim Parks 476-6798

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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.

# J. J. & L. ROCKS and MINERALS

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Please Call for Appointment

IT IS TIME

to start thinking about

LINCOLN GEM & MINERAL CLUB'S

show for the year 2001

at

Pershing Municipal Auditorium

March 24 - 25, 2001

(Our 43<sup>rd</sup> Annual)

Read your bulletin for new materials or specials from the above advertisers.

Advertising by rock-hobby business or interest is permitted with the approval of the Board. The rate now set at \$15.00 per full page; \$7.50 per 1/2 page; \$5.00 per 1/3 page; and \$3.75 per 1/4 page(min) per issue, paid in advance. These ads will be placed through the bulletin as space permits.

Subscription to the PICK & SHOVEL are \$10.00 per year mailed.

Dues to Lincoln Gem & Mineral Club are as follows:

Adult

(ages 16 and over)

Junior

(ages 12 to 16)

Family Membership

(Husband, wife, resident children under age 16)

\$10.00/year

\$2.00/year

\$22.00/year

New memberships must be approved by the Board, after the applicant attends at least one meeting of the club and pays the above dues plus a \$5.00 registration fee.



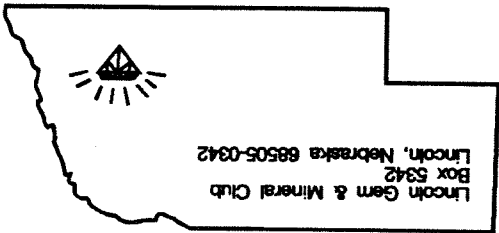
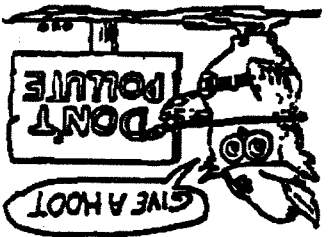
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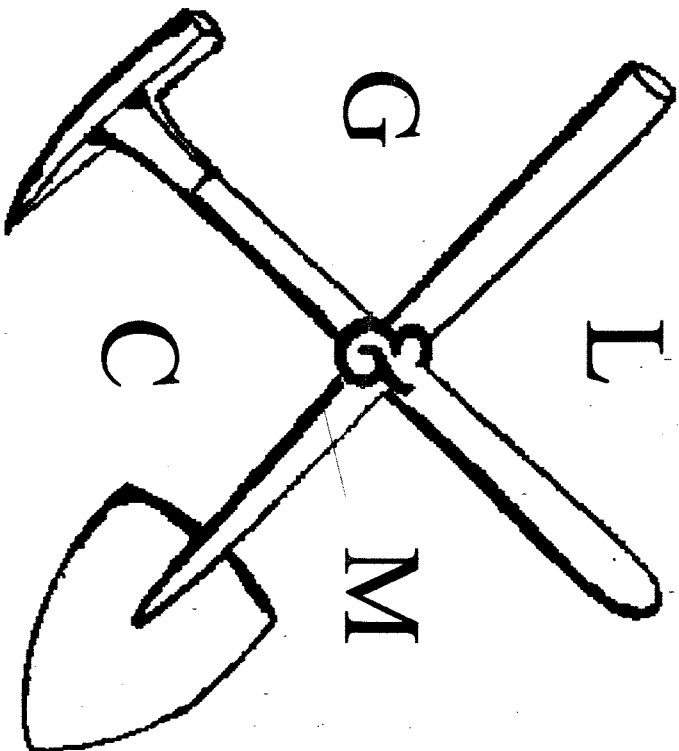


Lincoln Gem & Mineral Club  
Box 5342  
Lincoln, Nebraska 68505-0342

Mail Exchange Bulletins To:

# THE PICK & SHOVEL

September 2000



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