

CALENDAR

Regular Meeting Saturday, January 25, 1997-Annual Indoor Swap and 42nd Anniversary Meeting, Nebraska Center, 33rd & Holdrege Sts. SWAP 1 to 5 and Meeting at 7:30 PM. Please bring your swapping materials and enjoy a full afternoon of rocks and socializing. Be sure to bring something special to donate for the silent auctions to benefit the club;s Special Lapidary Class Fund.

GEOLOGY DAY 1997--Sunday February 16, Ed Ridge is chairing this event in cooperation with the Nature Center at Pioneer's Park. Open from 1 to 4 PM, tables provided for our displays and lots of public to learn about our hobby.

February 22nd - Annual Presentations of Grants to Geology Students for their use and a great chance for us to learn about their chosen field of study.

March 22nd , 4th Saturday and one week before SHOW TIME. Meet at Bethany Park, Cotner and Vine Sts., 7:30 PM to discuss and finalize your participation in this yearly event. Coffee and sandwiches to be shared.

This LGMC SHOW - MARCH 29-30, 1997, Pershing Auditorium

Congratulations & Welcome to 1997 Elected Officers & Board of Directors:

President -	Charles Wooldridge	Board Members:
1st Vice Pres.	Jerry Moore	Roger K. Pabian
2nd Vice Pres.	Edward Ridge	Kay Jurgens
Secretary	Vera M. Lyman	Francis Belohlavy
Treasurer	Phyllis N. Parks	Brett Jurgens

Each of us would like to urge all dues paying club members to take an active part in the many activities of our club and enjoy the satisfaction of sharing the many jobs well done. Don't hesitate to make suggestions and offer help. After all we do join an organization to enjoy--not just to belong don't we? Editor

Dues were DUE and payable by January 1st, 1997. They will become delinquent on January 31st so pay them now if you have not done so. Check December Pick & Shovel for schedule of dues and mailing address. If not received by January 31, 1997 your name will be dropped from roster and no Pick & Shovel will be mailed.

If you would like your E-MAIL and/or Web Page addresses in the 1997 Who's Who please get them to Vera or Phyllis before January 31st.

YOUTH NOTES

by Kay Jurgens

Youth members at the December meeting received packets of postcard photos of 12 different minerals on display at the Smithsonian. Below is a word find puzzle with these minerals listed. Good luck finding them!

Congratulations are in order to Brett Jurgens, a former youth member, and current adult member. Brett was selected as one of the top two 4-H members in the state of Nebraska in the area of communications and expressive arts. This division includes public speaking and photography. Several photographs documenting the work done on the fish fossil at Morrill Hall were included in his awards application. Brett's award earned him a trip to National 4-H Congress in Memphis, Tennessee, for a week. Brett met up with several rock hounds from North Carolina there. It's a small world.

Youth members, be sure to come to the Indoor Swap and Silent Auction on January 25, 1997 at the Nebraska Center. You can set up your own table if you have enough to swap. Also, we plan to set up a spin wheel with prizes like we do at the rock show. So, we need YOUR help to run this table. This will give visiting kids something to do, and help them learn a little more about our club. If you know someone who might be interested in our club, invite them to a meeting! We love to have guests.

Smithsonian Minerals

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

Amber
Amethyst
Azurite
Cerussite
Diamond
Gold
Malachite
Quartz
Rhodochrosite
Rose quartz
Smithsonite
Stibnite
Tanzanite



THE PRESIDENT'S MESSAGE

Fellow Club Members

HAPPY NEW YEAR! and welcome to the next twelve months of L.G.M.C. Activities. January starts the year with the 19th annual indoor winter ROCK SWAP. The event runs from 1 PM to 5 PM in the Nebraska Center for Continuing Education at 33rd and Holdrege Streets. As with most club activities the general public is very welcome. That evening during the regular monthly meeting the club will celebrate its 42nd Anniversary with a cake and a silent auction which will benefit the Lincoln Parks & Recreation Lapidary Class. February 16th the club will host Geology Day at Pioneer Park's Chet Ager Prairie Interpretive Center. The 4th Saturday in February the club will present grants to deserving Geology Students at the monthly meeting in the Nebraska Center. The students will subsequently present programs to the club about their academic research project which are always intriguing. March 22nd we will meet at the Bethany Shelter at Cotner and Vine for a pre-show rally and final planning meeting with coffee - and ?? March 29th and 30th will be the dates of the 39th annual Gem & Mineral Show at Pershing Auditorium. April 1st all Board Members will receive a 3 carat ruby rings in appreciation of their services to the club. The April meeting will be held at the Nebraska Center with a program to be arranged by Brett Jurgens, Program Chair. A picnic is slated for the May Meeting at the Antelope Shelter. I will again be inviting club members and guests to our family cabin and acreage near Denton for fun, food and fishing. The club has a tradition of hosting a 'Grinding Party' at the Chet Ager Prairie Interpretive Center in Pioneer Park. Following the grinding party we generally have a picnic supper in the park. There are no activities scheduled for the month of August. (This would be a good time for a field trip). The Pick & Shovel is not published during June, July and August but will return to your mailbox prior to the September Meeting. September also begins the local fall show schedule. Halloween is the theme for the October Meeting at Bethany Park Shelter. A spectacular dessert dinner, program, and special Rockhound Costume contest are the tradition. In November we meet at the Center for a program and election of officers for 1998. The activities will conclude with a Christmas Party at the Antelope Shelter. There are many more activities that will or may arise during the year such as field trips, shows, swaps, etc. As you can see there are many opportunities for the learning, sharing and enjoying our wonderful hobby this next year, I look forward to participating in them with each of you..

See you at the swap!

Wooly

A nice note was received from Marie Wells expressing regret at missing our Christmas Buffet and Thanking the membership for the beautiful poinsetta plant sent from our table decorations. She is now living at 5600 Pioneer Blvd., Apt. 207, 68506 which is very near her son & grandchildren on Spruce St. It was good hearing from her and we hope she can make some of our meetings.

1997 Show--

By Phyllis Parks, Show Secretary

We recently held a brief show committee meeting to update the proposed show budget and activities that had already taken place. Your Show Chairman for '97 is John Harrison with Phyllis trying to act as Secretary to Chairman. Dealer Chairman Jerry Moore has secured all 14 dealers that help make a great show. Floor Chairman Francis Belohlavy has the floor plan under control with a possibility of some surprises. Jim Marburger has been laying the ground work for promotion and advertising with flyers spreading out to our dealers, at shows and copies to go in our Pick & Shovel and the Gem Palette, discount prices, media publications and lots of word of mouth. Vera Lyman is handling Security as well as ticket sales, Kevin Schwartman is handling Recognitions, Ed Ridge is in charge of exhibit space, Roger Pabian will arrange for Lectures and Programs. Bill and Betty White, our Missouri members, have accepted the challenge of getting something Special in the line of Features. Kay Jurgens will head up the Youth Section and Rock Races. Shirley and Bill Rockel are planning the Saturday Nite Buffet for our Dealers and Club Members. At the moment we are not certain who will handle the Gem Dig but we certainly plan to have one. Demonstrations, Club Membership Booth and many tables of exhibits relating to Nature's Wondrous Creations will fill the auditorium for all of us to share on this special week end.

Lots of help will be needed to transport the club cases to Pershing, set them up, cover the display tables and prepare for this 39th showing of our Gems, Minerals and Fossils that make our hobby so interesting and educational. Let the show committee know how and when you will be on hand to assist and join in the fun. **Volunteer before we need to call you!!**

* * *

LGMC Proposed Show Budget for 39th Annual Show - March 29-30, 199

Anticipated Income:	Retail Dealer Space	4200.00	
	Paid Demonstrations	100.00	
	Gate Receipts	<u>4000.00</u>	8300.00
Planned Expenses:	Floor Rental, Chairs & Tables	2700.00	
	Insurance, Security, Table Cover, etc.	700.00	
	Advertising & Promotions	1300.00	
	Lecture Programs	400.00	
	Special Features/Exhibits	600.00	
	Recognitions	100.00	
	Saturday Nite Buffet	300.00	
	Handout Programs	100.00	
	Gem Dig & Rock Race Expenses	100.00	
	Chairman, Dealer Chair & Misc. Expenses	300.00	
	Show case property storage	756.00	
	State & City Sales Tax on Gate Rcpts.	<u>300.00</u>	<u>7656.00</u>
	Tentative Gain on Show		644.00

LINCOLN GEM & MINERAL CLUB, INC. - GENERAL MEETING - Dec. 15, 1996
Antelope Park Shelter House - in conjunction with Christmas Party

Brief Meeting held prior to Christmas Party to conduct business moved from Nov. Meeting.
Minutes and Treasurer's report were approved as printed in Pick & Shovel.

SHOW: Future contracts for Show at Pershing Auditorium for years 1999, 2000, and 2001; indicating changes/increases in rates. Question of feasibility to accept these terms. President read new changes & rates. Discussion. Motion by Francis Belohlavy, 2nd by Jerry Moore to accept contracts as printed. Motion carried.

ELECTION: Nominating Chairman called for nominations from the floor for each office with none being submitted. Motion by Susan Taylor, 2nd by Jerry Moore to accept the slate of Officers for 1997 as presented by acclamation. Motion carried.

Nominations called for to fill 3 year positions on Nominating Committee. Shirley Rockel (nom by Phyllis P) and Ken Doe (nom by Charles W). Motion by Susan Taylor to accept nominations by acclamation. Motion seconded and carried.
Ken Krammer also announced he would like to lead Field Trip to Arkansas. Meeting adjourned.

CHRISTMAS PARTY followed. Everyone enjoyed all the delicious food. An outstanding program was presented by Dr. David Loope on "Dinosaurs In The Gobi Desert". The "bustling" Silent Auction netted excellent results.

WISHING HAPPINESS & HEALTH TO EVERYONE IN THE NEW YEAR!

Respectfully Submitted,

Vera Lyman
Vera Lyman, secretary

L.G.M.C. Treasurer's Report December 1996
NBC Checking Balance 11/30/96 \$3473.97

Receipts:

1997 Membership Dues	260.00	
Donations LGMC Education/School	25.00	
Silent Auction Proceeds	173.10	
(Sp.Lap.Class Equip)		
Donation-sp.lap.class Equip.	100.00	
'97 Show Dealer Fees	<u>300.00</u>	<u>858.10</u>

Payments:

P & S Dec. Payment	25.43	
Trophy 96 Rockhound Year	30.14	
Christmas Buffet Meats/Decor.	115.32	
November Meeting Room	100.00	
Secretaries's Copy Exp.	12.83	
Treasurer's Copy & Exp.	15.26	
December Program Gift	50.00	
Prepaid '97 Pick/Shovel Expense	65.98	
Rent Post Office Box 5342	<u>50.00</u>	<u>464.96</u>

NBC Checking Balance 12/31/96 3867.11

LINCOLN GEM & MINERAL CLUB, INC.- BOARD OF DIRECTORS - Dec. 3, 1996
Lyman Home @ 7:00 P.M.

Meeting called to order by the President.
Minutes were approved as read with motion by Roger P., 2nd by Francis
Treasurer's report was read and approved with motion by Francis B.,
2nd by Jerry M. Both motions carried.

BILLS: Presented for payment & approval with motion by Roger P.,
2nd by Jerry M. Motion carried.

Board voted to maintain membership in Midwest Federation, NAOESCI (State Assoc)and Friends of Museum (with \$50 contribution)
Motion by Roger P. and 2nd by Vera L. to keep storage for 1997.
Treasurer Phyllis P. granted permission to pay these.

PROPERTY: St. Mark's Church wishes to borrow Club cases for Bible displays. Motion by Francis B. & 2nd by Jerry M. to let them borrow cases with understanding they were liable for pick-up/return and any damage.

WHO'S WHO: 1997 edition will be published in Feb. Anyone wishing to have their E-mail/Web site included must get it to Secretary Vera L. by Jan. 31.

DEC CHRISTMAS PARTY/MEETING: Short business Meeting will precede the Party to conduct business/election of Officers. Program by David Loope on "Dinosaurs In The Gobi Desert" and Silent Auction following the meal.

SHOW: Publicity Chairman, Jim Marburger has the flyer ready. Show Chairman John Harrison will have a Committee Meeting soon.

JAN SWAP. - Chairman Roger Pabian has flyers ready for Gem Palette; Scottsbluff/Minden Rooms reserved from Noon to 10 P.M. on Jan 25.

FEB. - Geology Day - Chairman Ed Ridge has the date and time reserved.
- General Meeting for Feb. will be presentation month for Scholarships. President has asked Susan Taylor to assume Chairmanship as Dwight Miller wishes to resign. We Thank him for his diligent service.

No further business - Meeting adjourned.

Respectfully submitted,

Vera Lyman
Vera Lyman, Secretary

LINCOLN GEM AND MINERAL CLUB



39TH ANNUAL SHOW

Please Put These Show Dates on Your Calendars

March 29-30, 1997

Demonstrations

Dealers

Programs

Displays

Gem Dig

Rock Races

SPECIAL EXHIBITS

Hours: Saturday 9:00 A.M. to 7:00 P.M.

Sunday 10:00 A.M. to 5:00 P.M.

Pershing Auditorium Between M St. and N St. on 15th, Downtown Lincoln, NE

Bring this flyer or ads from the paper for 50 cents off all paid admissions to the show

Lincoln Gem & Mineral Club
P.O. Box 5342, Lincoln, NE 68506

Proudly Presents its'
19th Annual
Indoor, Winter
Nebraska Center for Continuing Education
33rd & Holdrege Streets
Lincoln, Nebraska



ROCK SWAP



Saturday, January 25, 1997
1:00 P.M. to 5:00 P.M.

**Rocks, Minerals, Fossils, Jewelry, Finished Stones,
Rough Gem Material**

Donation: Material for Silent Auction (Proceeds to Lincoln Park & Recreation Lapidary Shop)

Swapping Free. (Cash transactions must be carried out with "Swapper's Bucks," available from Lincoln Gem & Mineral Club Treasurer at a 10% ten percent surcharge).

Swap will be followed by regular meeting of Lincoln Gem & Mineral Club at 7:30 P.M. Guests and visitors are welcome.

For further details, contact: Roger Pabian, (402) 472-7564, e-mail, rpabian@unlinfo.unl.edu

Silent Auctions

Many thanks to those of you who donated material for and bid on items for the silent auction to build funds for the Lincoln Park and Recreation Department Lapidary Shop. Over \$120.00 were raised at the November Meeting and over \$170.00 were raised at the Holiday Party. We have now added some diamond abrasive belts and this alleviates a great deal of the dust problem brought about by carbide tools. We are now looking to obtaining a water cooled trim saw, which we hope to have in operation for the session beginning January 20, 1997.

Special thanks are due to the following donors: Francis Belohlavy; Marcia Hamilton; Dave & Billie Heffelbower; Kay, Brett, and Janelle Jurgens; Kenneth Kramer; Jim & Phyllis Parks; Roger Pabian; Ramona Rhoades; Eddie Ridge; Bill and Shirley Rockel; Bruce & Fern Simon; Mr. & Mrs. O.A. Spencer; Marie and Susan Taylor; Charles Wooldridge; and Lincoln Gem & Mineral Club (Stamps).

Also, special thanks to all of the bidders without whose loose purse strings, the above would not have been possible.

RKP

Thanks to Adeline Nolde

Thanks are due to Adeline Nolde who has made some very generous contributions to the Club's Lapidary Class Fund. Adeline was one of the first in Lincoln to take the class when Maurice Tracy was instructor in the late 1950's and early 1960's. Many of Adeline's stones found places in jewelry that she made in metal smithing classes that Lee Stachura taught at Southeast Community College. Adeline has displayed many of her pieces at our shows and her contributions reflect the Spirit of Lincoln Gem & Mineral Club.

Roger K. Pabian

January Display Materials

January's display theme will include gem materials that commonly occur in rocks that are called undersaturated---, that is rocks that contain no free quartz. Gems that fall into this category include some garnets, jade, spinel, corundum, lapis lazuli, sodalite, serpentine, and quite a few others. How many others can you find and bring? Cases will be available.

RKP

Petroglyph Home Page

Back in the early 1970's, several of our shows were graced by the displays of rubbings of Native American figures carved in rock outcrops in sites in Kansas and Nebraska. These were provided by Carl and Nova Wells, then of Sioux City, Iowa, but now in the Dallas Texas, area. They also provided some exceptional programs that dealt with non destructive methods of recording and making images of these interesting works of art.

Nova Wells has now set up a home page of Petroglyphs from the Saline River Valley in Kansas, and many of these old familiar sights can be viewed at

<http://members.aol.com/sjflint/petrogly.htm>

In addition to nice line drawing images, there is some very interesting text that accompanies each glyph. This is a very enjoyable and informative home page.

Roger Pabian

LGMC's Web Page

It's up and running, Lincoln Gem and Mineral Club's own Home Page. It lists club activities as well as other Nebraska clubs and has selected items from Pick & Shovel, and a calendar of evnts. Check it out at:

<http://nesen.unl.edu/lgmc/lgmc.html>

RKP

New at Consevation and Survey Division

Geologic History of Ash Hollow State Park, Nebraska, by R. F. Diffendal, Jr., R. K. Pabian, and J. R. Thomasson. \$3.75 plus postage and handling. Available from Conservation and Survey Division, University of Nebraska, Lincoln, NE 68588-0517.

This updated version of the 1982 circular includes new information of fossils found in the area and how they have been used to more accurately date the strata exposed there, and updated stratigraphic columns using current nomenclature of rock and time units.

RKP

1997 ELECTED OFFICERS

President:	Charles Wooldridge, 836 S. 31st St.	Lincoln NE 68510	475-9034
1st Vice President:	Jerry Moore, 2305 So.35th St.	Lincoln NE 68506	489-4184
2nd Vice President:	Edward Ridge, 2507 A Street.	Lincoln, NE 68502	477-8469
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:	Roger Pabian, 5301 X St.	Lincoln, NE 68504	465-0144
Board Member:	Kay Jurgens, 14421 Danvers St.	Waverly, NE 68462	786-2756
Board Member:	Brett Jurgens, 14421 Danvers St.	Waverly, NE 68462	786-2756
Board Member:	Francis Belohlavy, 3015 Orchard	Lincoln, NE 68503	477-4337

Nominating Committee

3 year:	Shirley Rockel Kenneth Doe
2 year:	Vera Lyman Susan Taylor
1 Year:	James Parks to be appointed
Chairman:	<i>Immediate Past President</i>

Long Range Planning & By-Laws Committee

3 Year:	David Heffelbower Jim Parks
2 Year:	Vera Lyman Roger Pabian
1 Year:	Kevin Schwartman Jim Marburger
Chairman:	<i>Immediate Past President</i>

Standing Committees

Membership:	Shirley Rockel	Programs:	Brett Jurgens
Education:	Roger Pabian	MWF Liaison:	Vera Lyman
Field Trips:	Charles Wooldridge	Scholarship:	Susan Taylor
Historian:	John & Lillie Lewis	Christmas Party:	Shirley Rockel
Hospitality:	Eddie "Lightning" Ridge	1997 Show:	John Harrison
Study Coordinator:?		1998 Show:	Roger K. Pabian
Outsourcing/Property:	Jim Parks	1999 Show:	Jim Marburger
Youth Activities:	Kay Jurgens	1997 Swap:	Roger Pabian
Librarian:	Roger Pabian	1998 Swap:	Francis Belohlavy
Auditing Committee:?	Jerry Moore, Francis Belohlavy, Mike Jurgens		
Team Palette Correspondent:	Vera M. Lyman	L. G. M. C. Web Page Address :	
Geology Day Coordinator:	<i>2nd Vice President</i>	http://nesch.unl.edu/lgmc.html	

Your PICK & SHOVEL Staff

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Editor:	Phyllis Parks 476-6798
Business Reporter:	Vera Lyman 464-6089
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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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.

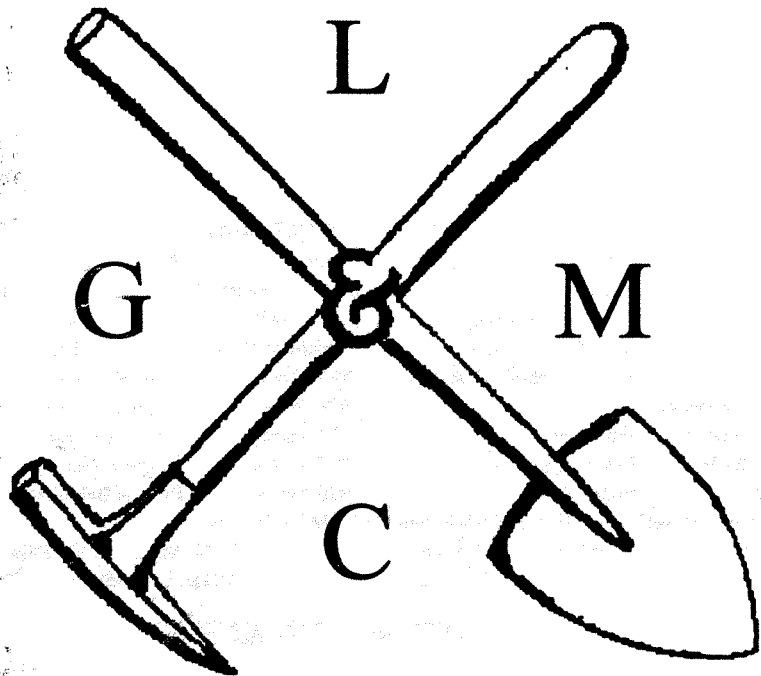
Dues to Lincoln Gem & Mineral Club are as follows:

Adult	(ages 16 and over)	\$10.00/year
Junior	(ages 12 to 16)	\$2.00/year
Family Membership	(Husband, wife, resident children under age 16)	\$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.

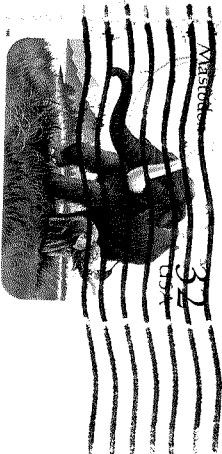
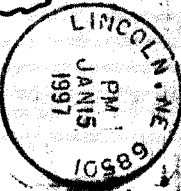
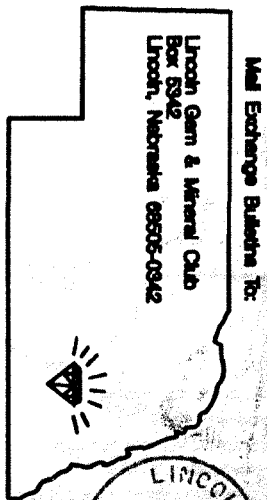
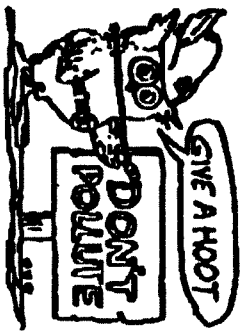
THE PICK & SHOVEL

JANUARY 1997



OFFICIAL PUBLICATION OF
LINCOLN GEM & MINERAL CLUB

LINCOLN, NEBRASKA



H. E. L. P.
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Associated with



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