

CALENDAR

January 27 Annual Indoor Rock Swap-1 to 5 PM, Nebraska Center, 33rd & Holdrege, Scottsbluff-Minden Rooms. Tables, Coffee and Swapper Bucks will be furnished. Bring rocks for the Silent Auctions which monies are designated to the Special Fund to assist in updating the City Lapidary Class Equipment. Be generous-its a great learning experience.

Supper on your own from 5 to 7:30. Regular meeting at 7:30 PM. Be prepared to list your display space needs and volunteer time for our annual show March 22, 23, 24. All of your help is needed.

January Displays

Nebraska materials will be featured. Bring gems, minerals, or fossils from Nebraska sites. Cases will be furnished.

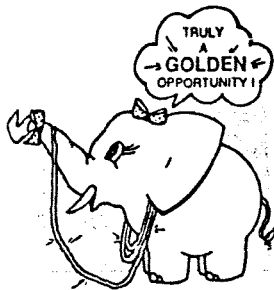
RKP

February 5 Next Board Meeting, 7:30 PM at Vera Lyman's

February 18 Annual Geology Day with Pioneer Nature Center - 1 to 4 PM

February 24 7:30 PM, Nebraska Center-Yearly Scholarship Presentations

LGMC SHOW -March 23 and 24, 1996 - Pershing Auditorium



Your 1996 Membership Dues became PAST DUE on January 1st. If you do not pay them by January 31, 1996 your membership is forfeit and you will be required to add \$5.00 to the amount and be reinstated. There will be no exceptions this year as membership lists need to be finalized for several activities, **SO** pay your dues and enjoy the benefits.

Nearby Shows to Visit

Feb. 2 - 10, 1996

MINERAL & FOSSIL SHOW

Tuscon, Arizona

Mar. 8, 9, 10, 1996

GEM & MINERAL SHOW KC Market Center, Executive Park
Greater KC Clubs Association

1996 REGIONAL SHOW SCHEDULE

EASTERN FEDERATION

April 26-28

Hickory, North Carolina

SOUTH CENTRAL FEDERATION

June 1-2

Lubbock, Texas

ROCKY MOUNTAIN FEDERATION

June 7-9

Rosewell, New Mexico

NORTHWEST FEDERATION

July 12-14

Bremerton, Washington

MIDWEST FEDERATION

July 26-28

Macomb, Illinois

CALIFORNIA FEDERATION

/AFMS Combined

August 8-11

Riverside, California

SOUTHEAST FEDERATION

NOT POSTED YET

Youth

Lapidary For Youth

grades 4-8

*\$21.00

321506-01 Jan 22 Mon 4:15-5:45 pm Auld 8wk
 Learn the art and techniques of cutting and polishing stones. Participa
 supply their own stones. Beginners will learn basics during the first cla
 material provided and instructor will provide information on purchasing

YOUTH

FROM KAY JURGENS, LEADER

All youth are encouraged to bring something to swap at the swap. After all, that's what a swap is all about. If you have rocks that you don't think are worth anything, bring them anyway. You can trade with someone else who has a rock worth nothing, but interesting.

While the adults are eating at Val's, junior members are invited to join the "annual" junior party. We'll feast on pizza and pop, and have games to burn off some energy before the night meeting. I'll try to round up some prizes. (Hint, hint, adult members!) We'll divide the cost of the pizza, and Kay will bring pop.

Although we didn't have time in December, we will study fluorite this month and give each junior a sample.

Once Upon a Time There Were Fluorite Mines in the U.S.

For years, the tri-state area has been known for its vast amounts of fluorite. This bountiful natural resource has been mined in that area for over 100 years. There was a time when fluorite mines covered the area that includes parts of Illinois, Kentucky and Tennessee. Now, the last mine to remain open has shut down.

This mine was located in Roseclaire, Illinois. The closing of the mine placed only 100 miners out of work. But for each of those miners, there are other workers throughout the county that will lose their job. The mining company (now located in France) decided that it was not worth the money to continue to mine at this, and other, locations. From now on, fluorite must be imported from either Mexico or Japan. The imported fluorite is not of the quality and purity that fluorite from the tri-state area is known for.

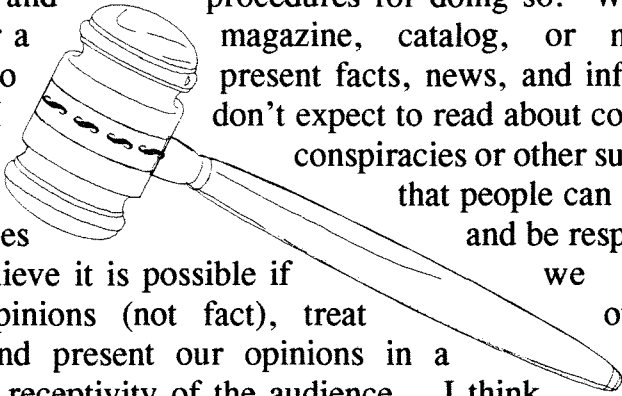
Beautiful specimens have come from the mines in the tri-state area. Cubic specimens with about every tint of purple, yellow and blue are truly aesthetically pleasing to the eye. Many of these specimens show color zoning following crystal growth. Other minerals found at this locality include calcite, barite, pyrite, marcasite, sphalerite, and galena, to name a few.

by Brett Jurgens

THE PRESIDENT'S MESSAGE

Fellow Club Members

I was recently disappointed to once again sit down to read an issue of a Rock and Mineral publication with national circulation, only to find it chock full of extremist political commentary. I am fed up with reading personal opinions based on speculation and assumptions presented as facts. I respect our First Amendment right and think it is important for each of us to develop our own opinions and express them. I also believe there are times, places, and procedures for doing so. When I pay hard earned cash for a magazine, catalog, or newsletter that purports to present facts, news, and information about our hobby, I don't expect to read about contrived right or left wing conspiracies or other such propaganda. It is my hope that people can appreciate each others differences and be respectful of others opinions. I believe it is possible if we present our opinions as opinions (not fact), treat others opinions with dignity and present our opinions in a m a n n e r sensitive to the receptivity of the audience.. I think this last area has been subjected to exploitation by a number of writers, editors and publishers.



Well, now that I have gotten that off my chest... I would like to express my gratitude to all of you who have made this last year a successful one for the Lincoln Gem and Mineral Club. I would like especially to thank each of the officers, board members, and committee persons who's time and efforts were essential. There are a few changes made this year. First Vice President will be Jerry Moore. Ben Darling will serve as Second Vice President. Vera Lyman and Susan Taylor will serve for three years on the Nominating Committee and Ed Ridge will serve this last year to replace Ralph Ulrich on nominating. I look forward to working with each of you and the returning officers to make this another great year!

See you at the Swap!

Wooly

CLASSES: **Lapidary**
teens-adults
 311524-01 Jan 22 Mon 7:00-9:00 pm Auld 8~~am~~* #28.00
 Learn the art and techniques of cutting and polishing stones. Participants supply their own stones. Beginners will learn basics during the first class with material provided and instructor will provide information on purchasing stones.

Lapidary Equipment Fund

Thanks to Marie and Susan Taylor and Ramona Rhodes for their generous contributions to the lapidary improvement fund for the Lincoln Park and Recreation Department.

Also, thanks to Eddie Ridge who has done so much physical labor in setting up the several silent auctions for raising this fund and to Phyllis and Jim Parks who have been so dedicated in keeping the financial records for this project.

Also, thanks to those who contributed materials for the silent auction that raised nearly \$200.00 at the Christmas Party. The list of contributors includes Bill and Betty White, Marcia Hamilton, Wooly, the Parks, the Everetts Eddie Ridge, Ben and Charlotte Darling, Rennie and Emily Rieur, the Spencers, and the Taylors. We hope this list is complete and apologize to anyone who may have been inadvertently omitted. Finally, thanks to the bidders who made it all possible.

RKP

December Program Review

Thanks to Bill White for a superb program on making doublets. This helps answer the question of what to do with material that is optically too dense to utilize for most gemstone purposes. Although the problem applies mostly to plume agates from west Texas, Bill showed several other materials that will produce interesting doublets so far as patterns are concerned and covered the possibilities of making doublets to utilize some colorful materials that are too soft or too weak to utilize as gems without physical support. Great show, Bill!

RKP

December Displays

Thanks to the members who provided exhibits and material for the December Meeting. The increase in the number of exhibitors and the variety of materials is most beneficial and educational. Bill and Betty White showed plume agates and doublets; Brett Jurgens showed Lake Superior Agates; Janelle Jurgens, opal and calcite; Kay Jurgens, quartz and sphalerite; Jim and Phyllis Parks, fiber optic materials; and Roger Pabian, plume agate doublets.

Thanks to all of the above exhibitors.

RKP

LINCOLN GEM & MINERAL CLUB, INC. - BOARD OF DIRECTORS MEETING - Dec. 4, 1995
7:30 P.M. @ Lyman Home

Meeting called to order by the President.

Minutes of the Nov. Meeting were read with a motion for approval by Shirley R., 2nd by Jerry Moore. Carried.

Treasurer's report was read with motion for approval by Jerry M., 2nd by Shirley R., Carried. Treasurer also confirmed that she had purchased a \$ 3000. Certificate of Deposit for 3 months. (#762454)

BILLS - were presented for approval & payment. Motion was made by Shirley R., 2nd by Roger P. Carried.

MEMORIALS: Memorial to Ralph Ulrich - \$ 50. - Motion by Roger P. 2nd by Phyllis P. Carried.

Memorial to Pam Killion - \$ 50. - Motion by Phyllis P., 2nd by Roger P. Carried. (To family for memorial of their choice.)

OLD BUSINESS:

JAN. SWAP - Flyers are out. Roger will contact radio stations etc. for free advertising. Coffee will be available during Swap and at General Meeting in evening with Anniversary Cake.

Shirley R. will follow up with Jan Wright regarding the display to be put out at Nature Center in Memory of Grant Quinn.

Everyone remember to bring their donations for Silent Auction to Christmas Party. (Proceeds to Special Lap. Fund)

NEW BUSINESS:

Dues, etc. will be due to the following organizations before our next Board Meeting. Midwest Federation - NAOESCI - Friends of Museum (\$ 50. contribution) Motion by Roger Pabian that we pay dues to all afore mentioned organizations. 2nd by Ed Ridge. Carried.

MEMBERSHIP:

Kenneth Doe and Grandson, Daniel Cromer

Motion to accept by Roger P., 2nd by Jerry M. Carried.

Steve Sims

Motion to accept by Shirley R., 2nd by Roger P. Carried.

SHOW REPORT: Roger Pabian - Will have write-up in Bulletin.

Committee Meeting at Roger's home Dec. 27, 1995 @ 7:30 P.M.

He will check with family to see what Ralph Ulrich had lined up for Special Displays.

BOARD MEETING - Mon. Jan. 8, 1996 at 7:30 (Lyman Home)

Respectfully submitted,

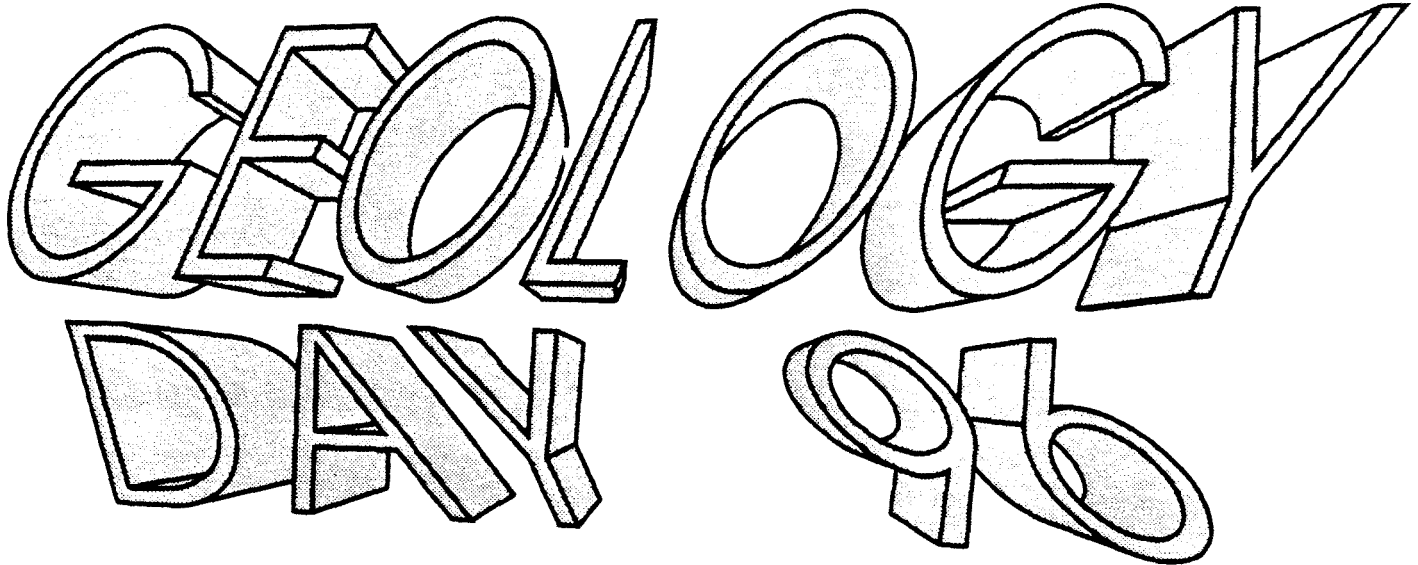
Vera Lyman

Vera Lyman, Secretary

NO GENERAL MEETING held in December. Replaced by Annual Christmas Party.

L G M C Treas. Report December 1995		
NBC Checking Balance 11/30/95		\$1408.03
December Receipts:		
1996 Membership Dues	201.00	
Donation memory deceased member	20.00	
Donations Spec. Lap. Equip. Fund	211.70	
1996 Show Dealer Space	900.00	1332.70
Payments		
Print December Pick & Shovel	18.05	
Memorial to Ralph Ulrich Family	50.00	
Secy. Exp. & Copy	22.36	
November Meeting Rent	95.00	
Nov. Program Exp. (VCR & Monitor)	50.00	
Dec. Key Deposit (to be returned)	50.00	
Dec. Christmas Dinner Meats/Decor.	112.26	
Lincoln Postmaster-P.O. Box 1996	58.00	
Linc. Postmaster-Stamps Membership	32.00	
Linc. Postmaster-Addl. for P & S	9.00	496.67
NBC Checking Balance 12/31/95		\$ 2244.06

Sunday, February 18th; 1:00-4:00 P.M.



Rock & Mineral Displays

Lapidary Demonstrations

Special Children's Exhibits

Handmade Jewelry

Bring your family to see many wonders of nature!

Prairie Building west of the parking lot for Chet Ager Nature Center
in Pioneer Park 1/2 Mi. S. of West Van Dorn and Coddington.

**Cosponsored by Lincoln Gem & Mineral Club
& Lincoln Parks & Recreation**

Free Admission

Pioneers Park Nature Center



Geology Day

Feb 18 Sun 1:00-4:00 pm PB Free

The public is invited to this open house to learn about fossils, minerals, rocks, and gemstones. This program is conducted by members of the Lincoln Gem and Mineral Club who will have talks, demonstrations, and displays. Bring in specimens that you would like identified. No registration required.

Ex Libris...

Many thanks to Irl and Lois Everett for their recent donations to the club's Library. A listing of their contributions follows:

- Anon., 1957. Chambers mineralogical dictionary. Chemical Publishing Company, New York, New York, 47 p. and 40 color plates.
- Condra, G. E., 1927. The stratigraphy of the Pennsylvanian System in Nebraska. Nebraska Geological Survey, Bulletin 1, 2nd Series, 291 p.
- Dake, H. C., Fleener, F. L., and Wilson, B. H., 1938. Quartz Family Minerals, a handbook for mineral collectors. Whittlesey House, New York, London, 304 p.
- English, G. L., 1934. Getting acquainted with minerals. McGraw Hill Book Company, New York and London, 324 p.
- Henry, S., 1930. Conquering our Great American Plains. A historical development. E. P. Dutton & Co., Inc., New York, 395 p.
- Pearl, R. M., 1948. Popular Gemology. John Wiley & Sons, Inc., New York, 316 p.
- Scott, W. B., 1897. An introduction to geology, 3rd edition, 1932. The Macmillan Company, New York, 604 p.
- Spock, L. E., 1953. Guide to the study of rocks. Harper & Brothers, Publishers, New York, 256 p.

Several of the above titles should be recognized as classics that have long ago disappeared from the book shelves of the city as well as the university libraries. We are fortunate to have access to this historical data. Thanks, again, Evvy, Lois.

Roger K. Pabian

HUMOR ... An optimist is one who builds castles in the sky, a dreamer is one who lives in those castles, and a realist is one who collects rent from both of them.

From THE TUMBLER via LAKE AGASSIZ ROCK HOUND.

HINT ... The next time you clean your saw, line the bottom with a double layer of burlap. When it is time to clean again, pick up the liner by the corners and let it drain overnight on the carriage. Most of the sludge will be trapped inside the burlap and easily disposed of. The oil is left much cleaner and may possibly be used again.

From the GREEN VALLEY ROCKER via THE ROCKPILE & PICK & DOP STICK.

TAKE THE SWELLING OUT: Did you know that if you have sore hands from hard rock mining, soaking your hands in warm vinegar water will take the swelling and soreness out?

By Lelo Lueet in GI NUGGET via SCFMS NEWSLETTER.

Margaret Pearson, Exchange Bulletin Editor

CONSIDERING the earthquakes in California and elsewhere, civilization exists by geological consent, subject to change without notice.

From Historian Will Durant via REAR TRUNK & CRYSTAL CLUSTER.

TRIVIA Quarrymen in ancient Rome sometimes rubbed wax on their marble blocks and pillars to conceal cracks and flaws, at least until after the sale was made. The wax would wash off in the first rainfall and the imperfections would reappear. The Roman Senate passed a law that all marble purchased by the government had to be *sine cera*, or "without wax". From this root comes the word "sincere", a word that we use to mean without deception.

From EARTH SCIENCE NEWS via CEDAR VALLEY GEMS & LAKE AGASSIZ ROCK HOUND.

EVER WONDER ... when you were in the super market why you never see "cashews" with shells? Well, cashews don't have shells because they are seeds of a kidney-shaped fruit of a tropical American tree of the sumac family.

From M. M. S. CONGLOMERATE.

**EACH CLUB —
EACH YEAR —
ONE ROCKHOUND**

by Margaret Pearson, Chair

(This article appeared in the November, 1995 AFMS Newsletter.)

...a new, club-member recognition program, *Each Club—Each Year—One Rockhound*.

Your AFMS is pleased to announce a new, club-member recognition program, *Each Club—Each Year—One Rockhound*. This is no contest. There will be no judging or "awards". Instead, your club simply selects one of its members, sends that name to us, and that club member will be recognized in the AFMS Newsletter as an outstanding rockhound. The guidelines are very simple.

1. Each year each federation affiliated club can nominate one of its members to be recognized as an outstanding rockhound.

2. On an 8 1/2" by 11" sheet of paper simply provide us with the following information:

a. your outstanding rockhound's name

b. your club's name and location (city and state)

c. your affiliated regional federation

d. the name of the person or persons making the nomination.

Any club member can nominate another club member, but the earliest postmark gets that year's recognition

e. this is optional, but it would be

fun to have a **brief statement** (25 words or less) to publish stating why this rockhound is so special

3. Send your recognition requests to your federation representative to be gathered and forwarded to me. The representatives are presently listed in your Federation bulletin under *Education Thru Sharing*. Next year they will be listed under *Each Club - Each Year - One Rockhound*.

4. This program replaces the AFMS Education Thru Sharing program.

Federation representatives should forward the names of their honored rockhounds to me prior to May 1, 1996 for publication in a 1996 AFMS Newsletter. Names received after May 1, 1996 will be considered as part of the 1997 recognition program.

Margaret M. Pearson, AFMS Chairperson

Each Club - Each Year - One Rockhound

If You Just Can't WAIT!

Sometimes it's just so long before the shows around here start up in the Spring. A commercial show was listed in the Lapidary Journal:

North American Promotions, Gem & Jewelry Show, Indianapolis, IN
1/19 from Noon - 8 pm; 1/20 from 10 am - 7 pm; 1/21 from 11 am - 5 pm,
State Fairgrounds, 1202 E. 38th St.

1996 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:	Ben Darling, 3435 So. 46th St.	Lincoln,NE 68506	488-2395
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:	Ed Ridge, 2507 A St.	Lincoln NE 68502	477-8469
Board Member:	Roger Pabian, 5301 X St.	Lincoln NE 68504	465-0144
Board Member:	Kay Jurgens, 14111 Guildford	Waverly NE 68462	786-2756
Board Member:	Shirley Rockel, 1134 West Avon Lane	Lincoln NE 68505	464-3059

Nominating Committee

3 year	Vera Lyman Susan Taylor
2 year	Ben Darling Jim Parks
1 Year:	Francis Belohlavy Ralph Ulrich Deceased
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:	Open
Education:	Roger Pabian	MWF Liaison:	Vera Lyman
Field Trips:	Charles Wooldridge	Scholarship:	Dwight Miller
Historian:	John & Lillie Lewis	Christmas Party:	Shirley Rockel
Hospitality:	Eddie "Lightning" Ridge	1996 Show	Roger Pabian
Study Coordinator:?	Kevin Schwartman	1997 Show	John Harrison
Housing/Property:	Jim Parks	1998 Show (OUR 40TH)	Roger K. Pabian
Youth Activities:	Kay Jurgens	1996 Swap:	Jerry Moore
Librarian:	Roger Pabian	1997 Swap:	Jerry Moore
Auditing Committee:?	Jerry Moore, Francis Belohlavy, Mike Jurgens		
Gem Palette Correspondent:	Vera M. Lyman		
Geology Day Coordinator:	<i>2nd Vice President</i>		

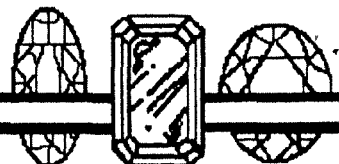
Your PICK & SHOVEL Staff

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Editor:	Phyllis 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.





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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.



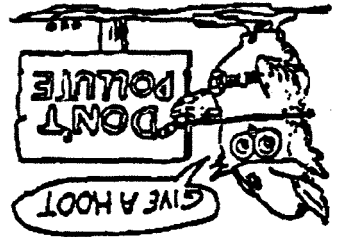
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Edward Ridge
2507 A St.
Lincoln, NE 68502

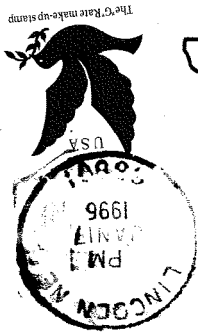
Help Eliminate Litter Please

H. E. L. P.



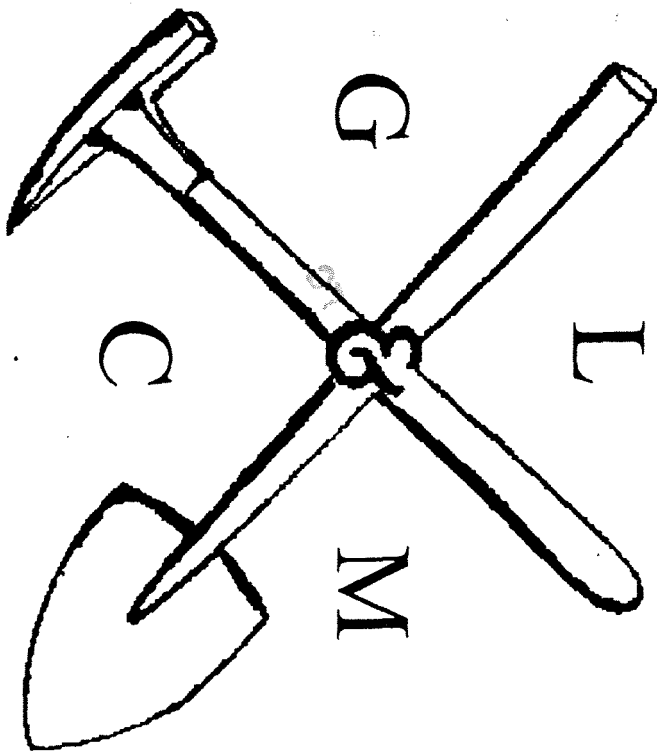
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Mail Exchange Bulletins To:



THE PICK & SHOVEL

January 1996



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LINCOLN GEM & MINERAL CLUB

LINCOLN, NEBRASKA