



February 25- Regular Meeting, 7:30 P.M., Nebraska Center Annual Presentation of Scholarships to UNL Geology Students and a short presentation by each of them.

Rock of the Month-**Amethyst**- Display cases will be provided.

Youth Meeting- 7:00 P.M. Discussion on 1995 Show participation and preparation

March 5 **Geology Day** Sunday, March 5th, 1995, 1 to 4 P.M. at Pioneer Park Prairie Center west of Chet Ager Parking lot. Our Chairman asks that members bring displays and come prepared to help & have fun. Hot Chocolate will be on the agenda again.

March Meeting -- **SHOW TIME** See elsewhere for details.

DUES WERE DUE and are now delinquent. If you find a red check mark on your address label you forgot to pay and this is your last Pick & Shovel. Sorry!!! Phyll

LGMC SHOW-March 25 and 26, 1995, Pershing Auditorium.

Local Shows & Swaps for 1995

March 17-19 Show Kansas City Assoc. Earth Science Clubs
March 18-19 Show Cedar Valley R & M, Cedar Rapids, IA
May 13-14 Show Northeast Nebraska Rock & Mineral

As we receive dates for other nearby shows we will publish them.

1995 REGIONAL SHOW SCHEDULE

EASTERN FEDERATION

March 17-19

Hickory, North Carolina

SOUTH CENTRAL FEDERATION

April 28-30

Waco, Texas

ROCKY MONTAN FEDERATION

June 9-11

Oklahoma City, Oklahoma

NORTHWEST FEDERATION

/AFMS Combined

July 13-16

Boise, Idaho

MIDWEST FEDERATION

OCTOBER 13-15

Detroit, Michigan

CALIFORNIA FEDERATION

June 23-25

San Jose, California

SOUTHEAST FEDERTION

Unknown

CLUB NOTES

YOUTH Your leaders suggest that you be thinking about your plans to display and/or work at this year's show and ask any questions that you may have.

Many LGMC Youth attended the January Swap and had an educational time with the Silent Auctions and Swapping. At suppertime they adjourned to the Student Union on Ag Campus for Pizza, sodas and games.

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LGMC STUDY GROUP, WINTER 1995

In searching for a good study group project, I checked with Dr. Michael Voorhies to see if the Nebraska State Museum had any fossils that the LGMC could help prepare. Mike said that recently a group of Boy Scouts discovered a large Cretaceous fish (species unknown) near Gavins Point Dam. This fossil will be part of the new "Mesozoic: Monsters, Mammals and Magnolias Gallery" currently under construction in Morrill Hall.

This project is open to all club members including junior members who are accompanied by an adult. Everyone interested in working on this project will be required to attend one (or two) training sessions on fossil preparation taught by the museum staff. These will be held on a weekend (or two) in April, a session may be held on a weekday if necessary.

Preparation and cleaning of the Cretaceous fish will be in the State Museum during business hours (9:00 a.m. to 4:30 p.m. Monday through Saturday and 1:00 to 4:40 p.m. Sunday). Only five or six people can work on the fish at one time so we will need to set up a work schedule. Each group will meet for about three hours once a month. The schedule can be adjusted if problems arise.

It is possible that this fossil fish may be used as a working display in the new "Mesozoic" Gallery, when it opens this fall, to demonstrate the amount of work that goes into preparing a fossil for display. The publicity from this project could be helpful for both our club and the museum. It will also help our club members become acquainted with the museum and museum staff.

If you are interested in this study group project please call Kevin Schwartman at 423-5523. For additional information and meeting times, watch the Pick & Shovel.

Kevin J. Schwartman
Study Group Chairman

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We are deeply saddened to hear of the death of Mary McNamar, whose long association with 'Central Iowa Mineral Society' and her work as a 'Wire Wrapping Demonstrator' with her husband Ed, made her a familiar face at many of our annual shows.

We read in the February MWF Newsletter of the death of Albert Zeitner, husband of June, a Rockhound of long association through the Midwest Federation. Mr. Zeitner was a prominent figure in Mission, South Dakota where he was in business for many years. He and June had a gem and Mineral Museum in Mission which attracted many rockhounds to Soudaith Dakota.

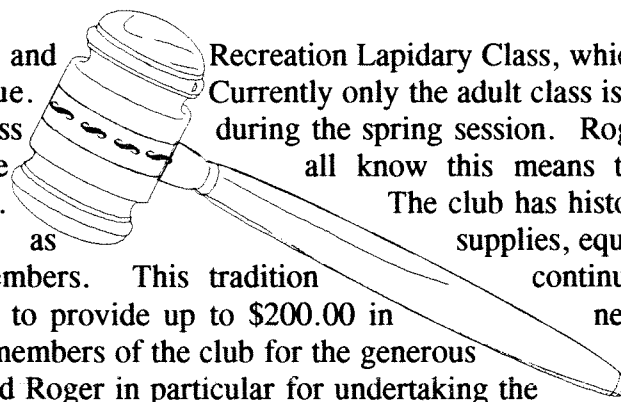
THE PRESIDENT'S MESSAGE

Fellow Club Members

The 17th annual Lincoln Gem and Mineral Club swap was a great success. Thanks to all that helped make it so. The Silent Auctions generated several hundred dollars for use in providing education and scholarships for the club. Dr. Jones should be pleased that his son's collection went towards this worthy cause. It was refreshing to see so many new and old faces. Thank you Vera for providing the 40th Anniversary Cake and Randy for the excellent program on Intarsia.

It is with great sorrow and sadness that we experience the absence of Grant Quinn. Grant was a tremendous resource and friend to us all. He will be greatly missed, but his presence will continue to be among us. I am pleased to announce that over three hundred dollars has been received in a memorial fund to honor Grant. The junior members will develop an appropriate and lasting memorial to Grant.

The Lincoln Parks and Recreation Lapidary Class, which Grant taught for many years will continue. Currently only the adult class is being held with plans to start up the junior class during the spring session. Roger Pabian has agreed to teach the classes. We all know this means the high quality of the classes will carry on. The club has historically assisted the class with resources such as supplies, equipment, and scholarships for enrolling club members. This tradition continues with the club voting at the January meeting to provide up to \$200.00 in needed supplies for the class. I commend the members of the club for the generous support of this valuable community resource and Roger in particular for undertaking the role of teacher.



The January meeting saw many of you sign up to help with the Friday set-up and Sunday tear-down at the Annual Show this March. I was excited to see so many of you volunteer your time and energy. The February meeting will afford opportunity for the remaining club members to sign up. This is an extremely important role each of us play in the club. If we all put forth extra effort we will be assured of the show's success. Many of you also signed up to display at the show. I know each of you has something you can show to others. I hope we can get 100% of our members to demonstrate to others what the club is about through our displays. If you are unsure what or how to create a display, please talk to one of the more experienced members. We will gladly help you develop one.

Remember March 5th is Geology Day at Chet Ager Nature Center in Pioneer Park. See you at the February meeting where we will be presenting scholarships to two members of the Geology Department. The programs they present about their research projects are always educational.

Take care,

Woody

The January Swap was well attended with twelve requests for swapping space, hectic activity on the swapper bucks table, many persons paying their 1995 dues and lots of participation in each of the Silent Auctions of the Jones Collection which put \$208.80 into the club's Education-Scholarship Fund.

The general meeting at 7:30 was celebrated as the 40th Anniversary of the Lincoln Gem & Mineral Club. Mr. Irl Everett, our Founder, and his wife Lois celebrated the occasion by presenting **A Founder's Award**. The surprised and nearly speechless recipient was Phyllis Parks, your Editor-Treasurer who became a member in November of 1959 and has been constantly active these many years. She wishes to thank Evy and Lois for this honor. She also appreciated the enthusiasm displayed by the club members at this presentation.

Another highlight of the evening was Adeline Nolde's displaying of her most recent recognition by some members of FFA as they presented her with an authentic jacket bearing the monogram which Adeline designed many years ago. Congratulations again Adeline!

Roger reported that Ruby displays were brought by Marcia Hamilton in the form of Ruby Crystals and Ruby Slip Stone which is used for sharpening wood-carving tools. Roger shared some Ruby Crystals. Thanks for bringing the cases and setting up displays, Roger.

Exuberant bidding on the many interesting pieces in the silent auction netted another \$131.75 for LGMC'S Education-Scholarship Fund. Delicious cake with non-edible rubies capped the 40th Anniversary celebration.

EARTH'S TREASURES-Our 1995 Show is at 45 days and counting down-It is time for each of us to reconfirm our intentions regarding this tremendous project!

Several of our Show Chairpeople made reports on their progress at the January meeting and members were asked to state their space needs for displaying at the show and for their promises of help at show set-up and showtime assistance and Sunday tear-down. For those of you who were not at the January meeting, there will again be requests at the February meeting. If you are unable to be present, please expect phone contact before March 5th as all floor plans, table & chair needs must be sent to Pershing. The club members who have already accepted responsibilities for the 1995 Show hope to have active participation from all club members so each one can enjoy the positive influence of another great show and no one person will need to be overworked. These chairpersons have already been working and planning since March of 1994. It would make our work easier if those persons who have not yet expressed your space needs or promises of help would take a few minutes to call and tell us your needs. As '95 Show Secretary I would be pleased to record these calls and supply them to the proper persons, and I would be happy that you are accepting the challenge which was given in the April 1994 Pick & Shovel, Page 5. Phyllis Parks, Show Secy./Editor.

LINCOLN GEM & MINERAL CLUB, INC. - GENERAL MEETING - JAN. 28, 1995, 7:30 P.M.
Nebraska Center Scottsbluff-Norfolk Rms
Combined General Meeting and ANNUAL JANUARY SWAP 1-5 P.M.

President called the meeting to order. The Minutes of the previous Meeting and the Treasurer's report were approved as printed.

HOSPITALITY - Reported 30 members present and also excellent attendance at the Swap during the afternoon.

OLD BUSINESS: None reported.

NEW BUSINESS: The Board of Directors met prior to General Meeting and recommends that up to \$ 250. be set aside to buy equipment for Lincoln Parks & Rec Lapidary Classes.

Motion was made by Adeline Nolde, 2nd by Randy Frye that we proceed with recommendations of Board and allot funds for equipment(saw blades, etc). Motion carried.

COMMITTEE REPORTS: SHOW: John Harrison - Plans are well under way. Committee Meeting planned for 2-16. Need help with set-up on Friday and Tear-down on Sunday. Several lists passed around for sign-up to help in several areas. Displays - Roger P. in charge. He took a count of space needed for each member in attendance, since we must pay for tables this year. Prepare and assist for another great Show this year.

STANDING COMMITTEES: Education - Roger P. in charge Will have display cases for Stone of the Month at each Meeting. Encourages everyone to bring displays. Field Trips - Ben Darling - Anyone with ideas or suggestions, please contact Ben or Wooly.

Study Group - Kevin S. - Sign-up sheets available for "Fossil Fish" prep. There will be at least one, possibly 2 training sessions. Then some work schedules will follow.

JUNIORS had a great time this afternoon. They played games with prizes and had their own Pizza Party at East Union.

GEOLOGY DAY: Is all set for Sun. March 5, 1995 at Chet Ager Center in Pioneer Park. Everyone encouraged to bring display and lots of interest. It's always a great way to spend the afternoon.

Club saddened with the passing of member Grant Quinn. Expressions of sympathy sent to Mrs. Quinn. She has directed Memorial funds to Juniors of LGMC. Also, a long time friend of many Club members, who was a dealer with her husband at many of our Shows, Mary Macnamar, passed away in Dec.

CONGRATULATIONS: Adeline Nolde received a Certificate of Appreciation and her 'very own' FFA Jacket from Norris High School. Congratulations Adeline.

40TH ANNIVERSARY OF CLUB: This month was the Club's 40th year.

Irl Everett came forward and made the following announcement:

This award is being presented to a Club Member who through the years has shown a duty to the Club.

Also, this person has been faithful to their time of membership with new ideas, good advice, and always putting the Club first.

This award is being presented to one who has worked in the offices that were assigned to them with a great amount of dedication, enthusiasm, sacrifice of time and always there in a time of need.

So as Founders of the Lincoln Gem & Mineral Club, Lois & Irl want to thank this person for the years spent and to know how much they are appreciated for the time that we have known them. This person is very dear to our hearts.

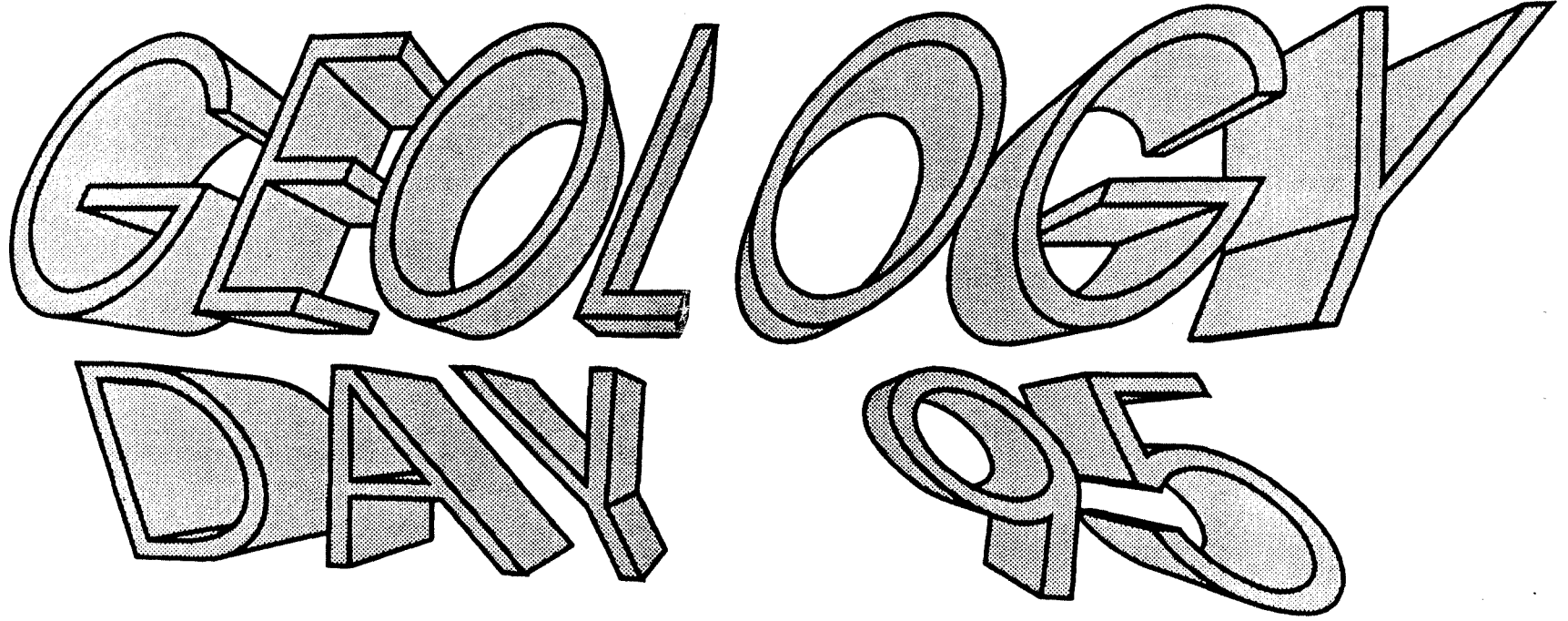
Irl then presented the Founders Award to Phyllis Parks. Our CONGRATULATIONS! The evening closed with an excellent slide presentation on "Intarsia" followed by Anniversary Cake decorated with "rubies".

Respectfully submitted,

Vera Lyman

Vera Lyman, Secretary.

Sunday, March 5; 1:00-4:00 P.M.



Rock & Mineral Displays

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Finding New Collecting Areas Part 12 -- Locality Files

Edward P. Pedersen

Collecting and using files of information on mineral producing localities, mining districts, and other sources of mineral specimens can be an interesting educational experience as well as being financially profitable. For most collectors the building of a mineral collection is a slow and expensive process. Each time that specimens can be added to the collection by field collecting or by trading with other collectors, the total cost of the collection is decreased and the money saved can be budgeted for other specimens.

A mineral locality information file can provide information for planning collecting trips or it can indicate profitable side trips to be taken as a sightseeing vacation. Detailed information of the minerals found in various areas can highlight rare or valuable minerals that might be found associated with low-priced specimens of common minerals. Many rock shop owners are not looking for the more exotic mineral associations and will sell a specimen under the more common mineral name. For example a specimen labeled quartz may have associated sulfides or carbonates which are more valuable.

There are several ways in which a mineral locality file can be kept. The writer is using a series of file folders to hold copies of reference papers, magazine articles, and notes, combined with a notebook binder for sketch maps and one-page write ups. As the volume of material grows filing by state will not be enough and files on selected districts or counties may be required. Placing summaries about each locality on index cards or in a computer data base file. Then the original material can be placed in file folders or notebooks.

One of the most important things to remember when heading for a new collecting area is that you should learn something about the material that you plan to collect. If you are going to collect a mineral that you are not familiar with, at least read a general description of it and take a few notes. If possible read an account describing the material from the locality you are going to visit. For example the mineral fluorite is commonly purple, yellow, or clear in color. However the fluorite from a locality in Ohio is a rich brown, that from the Blanchard claims in New Mexico is often light blue, and some locations produce fluorite with a distinct green color. Many new rockhounds might read about an opal collecting area and go expecting to find fiery material similar to that produced in Australia while the locality actually produces fine dendritic opal without any of the expected color play. Some visitors to the Diamond Mines in Arkansas expect to find gem-quality stones already faceted when a well-shaped crystal with an opaque gray color would be well worth having.

Many lapidary materials, especially the gem stones, when found in the rough bear little or no resemblance to their cut and polished appearance. Many agate nodules have a drab external appearance. Jade is often found with a weathered "rind" which makes it hard to identify. One of the desirable minerals from a Colorado locality is found completely enclosed in white calcite. Specimens are collected and then acid treated to remove the calcite. Fossils are often found only partly exposed from the matrix material which requires knowledge of what various portions of the specimen look like.

If you know in advance about your collecting areas or the type of material you expect to find it is worth while to visit rock shops, museums, collections, or other rockhounds in an attempt to study the materials. Gaining knowledge of the material will greatly increase your chances of success in the field. There is nothing more discouraging than all day collecting in the hot sun or in the rain with little visible results and later finding that you had examined and discarded many pieces of the material. One novice pegmatite collector stated "I'm sure this is something rare and I will regret leaving it." He did!

Many surface collecting experiences involve visually examining for evidence of specimens. This involves looking for hints of color, shape, or association that relate to the desired material. One reason that small children do so well is that they are closer to the ground. If a collector does much of this their eyes become trained to spot the evidence. This can also become a trap. An acquaintance of the author frequently collected sharks teeth along an eastern U.S. seacoast. The average size of the teeth was approximately one inch. On one trip he walked several paces past a tooth that was the size of his hand, before his mind alerted him that something was worth looking at.

MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES
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KITTY STARBUCK, ED
7636 V AVENUE EAST
TOLSON, MI 49097

Greetings!

In my last message to you, I spoke about sharing our hobby with others in the community in a number of ways. This month I want to talk about what is probably the most common means of sharing the mineral and lapidary hobby with other people: that is, through putting on a show. Certainly not all clubs put on an annual show, but a majority of those in our federation do, and it is one of the best ways to share our enjoyment with the general public.

At the typical show, there are demonstrators, who are members of either the sponsoring club or of another club, who are willing to come to share with the sponsoring club their expertise. The general public finds the demonstrators' area one of the most interesting parts of a show, since they can see a stone being faceted, another being cabbed, and wire-wrapping or other jewelry techniques being used to form beautiful items.

Another area of sharing at a show is found in the exhibits, where club members arrange their collections for others to see. Whether the exhibits are competitive or not, an attractive case, with easy to read, accurate labels, is one of the best ways of educating people about the hobby. The club member who feels awkward speaking before a group can let his collection do the speaking for him (or her). A club member who feels he does not have enough pieces to display can join with others in a club case, and a knowledgeable member can work with the others to show them how to arrange the case to make the most impact on the viewer. A case with specimens from many members of the club is often the best way to get individual members started on the road to having their own exhibits. And for the person who does not feel his collection is exhibit quality, what about making up an educational exhibit, showing how or why something in the hobby is the way it is? For that matter, putting together a club educational case can be truly educational for the exhibitors as well as the viewers.

These two areas, demonstrating and exhibiting, are the most important things in differentiating our club shows from commercial shows that are just a bunch of dealers. Let's emphasize them (while of course still having dealers at the club shows too) so we stand out in the memories of those who attend. An enthusiastic, sharing club is more apt to be a growing club.

Anne

1994 ELECTED OFFICERS

President:	Charles Wooldridge, 836 S. 31st St.	Lincoln NE: 68510	475-9034
1st Vice President:	Pam Killion, 3425 N. St.	Lincoln NE: 68510	477-1780
2nd Vice President:	Jerry Moore, 2305 So. 35th St.	Lincoln NE: 68506	489-4184
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:	Shirley Rockel, 1134 West Avon Lane,	Lincoln NE: 68505	464-3059
Board Member:	Roger Pabian, 315 D St.,	Lincoln NE: 68502	474-2034
Board Member:	Kay Jurgens, 14111 Guildford,	Waverly NE: 68568	786-2756

Nominating Committee

3 Year:	Jim Parks Ben Darling
2 Year:	Francis Belohlavy Ralph Ulrich
1 Year:	Jim Marburger Kathy Schwartman
Chairman:	Immediate Past President

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:	Immediate Past President

Standing Committees

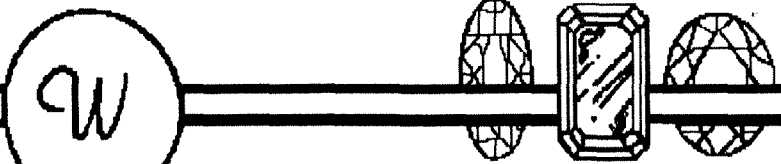
Membership:	Shirley Rockel	Programs:	Randy Fry
Education:	Roger Pabian	MWF Liaison:	Vera Lyman
Field Trips:	Ben Darling	Scholarship:	Dwight Miller
Historian:	John & Lillie Lewis	Christmas Party:	Shirley Rockel
Hospitality:	Eddie "Lightning" Ridge	1995 Show:	John Harrison
Study Coordinator:	Kevin Schwartman	1996 Show:	
Housing/Property:	Jim Parks	1995 Swap:	Dave Heffelbower
Youth Activities:	Pam Killion & Kay Jurgens	1996 Swap:	
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Auditing Committee:	Jerry Moore, Francis Belohlavy, Mike Jurgens		
Gem Palette Correspondent:	Vera Lyman		
Geology Day Coordinator:	Jerry Moore		

Your PICK & SHOVEL Staff

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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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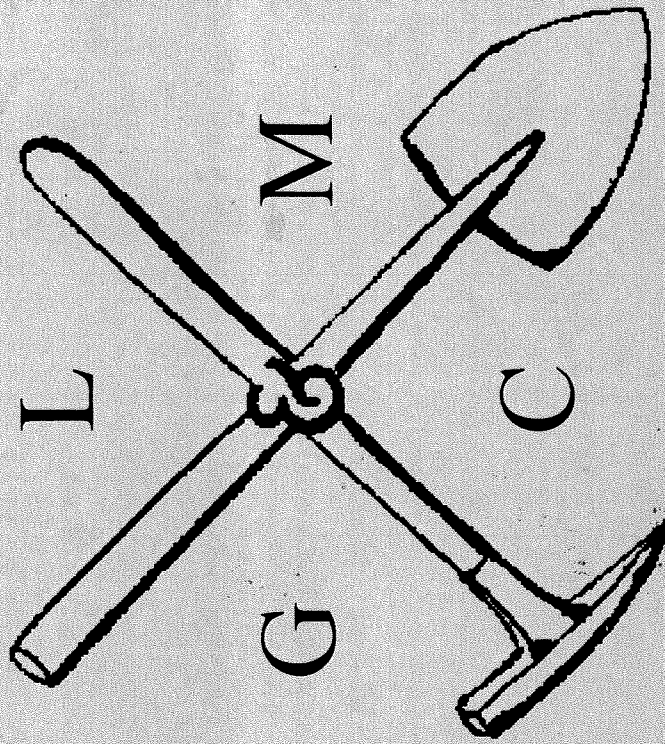
Dues to Lincoln Gem & Mineral Club are as follows:

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.

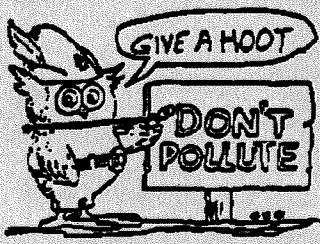
THE PICK & SHOVEL

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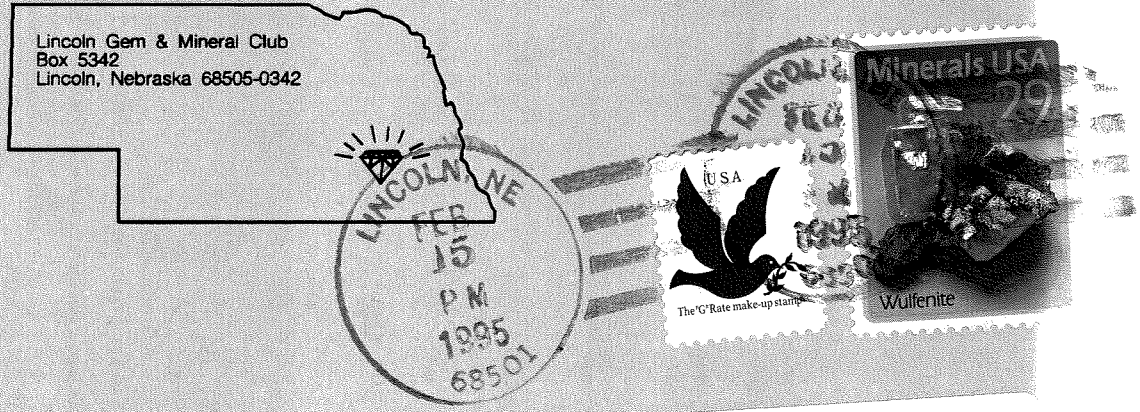
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