

CALENDAR

- Regular Meeting** Saturday, March 22, 1997-Combined club meeting ~~and~~ '97 Show Committee meet in Bethany Park Shelter for fun & planning. We rarely meet in March because our show dates fall on the regular meeting nite so take advantage of this opportunity to show your **CLUB SPIRIT**. We will have coffee and materials to enjoy ham or turkey sandwiches of your own design. This is the sliced turkey and ham not used at our Christmas Buffet that was taken to the freezer and saved for this occasion.
- Program** Exchange of ideas and/or suggestions to make this year's show and all coming meetings & projects the best we've ever had. If you haven't already volunteered your cases, expertise and assistance now is the time.
- April Meeting** Saturday, the 26th, 7:30 PM, Nebraska Center, Beatrice Room
- May Meeting** Saturday, the 17th, 7:30 PM, Bethany Park Shelter, Coffee & Desserts

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

Nearby Shows to Visit

- | | | |
|----------------------|------|---|
| April 25-27, 1997 | SHOW | Wichita G & M, 44th Annual, Wichita Kansas |
| April 25-27, 1997 | SHOW | Spring Show in the Rockies, Holiday Inn, Denver, Colorado |
| April 25-29, 1997 | SHOW | Rockhound Show & Pow Wow, Prineville, Oregon |
| May 10-11, 1997 | SHOW | North Central Nebraska Rockhound, Norfolk, Nebraska |
| May 15-17, 1997 | SHOW | West Coast G & M Show, Costa Mesa, California |
| June 28-29, 1997 | SHOW | 'Diamonds & Dinosaurs"
Wyoming State Show, Powell, Wyoming |
| September 19-21, '97 | SHOW | Golden Anniversary Show, Houston G & M Society,
George R. Brown Convention Center, Houston, TX |
| October 4-5, 1997 | SHOW | Nebraska G & M Show, Radial Hall, Omaha, Nebraska |

1997 REGIONAL SHOW SCHEDULE

EASTERN FEDERATION
/AFMS Combined
October 17 - 19
Jackson, Mississippi

CALIFORNIA FEDERATION
June 20 - 22
Ventura, California

SOUTH CENTRAL FEDERATION
April, 5 - 6
Glen Rose, Texas

NORTHWEST FEDERATION
August 1 - 3
Idaho Falls, Idaho

SOUTHEAST FEDERATION
NOT POSTED YET

ROCKY MOUNTAIN FEDERATION
June 6 - 8
Durango, Colorado

MIDWEST FEDERATION
October 24 - 26
Davenport Iowa

YOUTH NOTES

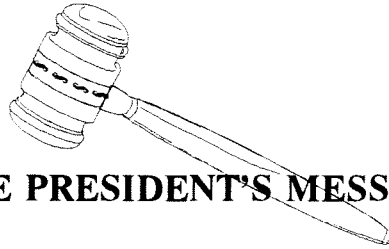
by Kay Jurgens and the junior members

- I am black, and am burned for industry. _____
 - I could be yellow or blue, but my colorless form is popular in wedding rings. _____
 - I am soft, the Native Americans carved me and smoked with me. _____
 - I am sometimes found as concretions, and look rust-colored. _____
 - I am found in Nebraska, and am pinkish in color. _____
 - I form in layers, and can be fairly colorless. I have been used for windows. _____
 - I am nature's form of glass. _____
 - I am different rocks molded together. _____
 - I am mined in Mexico, and can display many colors. I am a woman's name. _____
 - I can be many colors, and am the birthstone for November. _____
 - I am often red, and the color of people's lips. _____
 - I am green, and I sometimes have swirls in my patterns. _____
 - I have bands, and could be from Brazil or the prairie. _____
 - I am blue, and am often found with malacite. _____
 - I am hollow, and may have crystals inside. A _____
 - I can be found in Oregon, and have agate inside of me that can form stars. _____
-
- _____ I once was a tree, but now I am fossilized. _____
 - I am the purple form of quartz. _____
 - My common name is "Fool's Gold". _____
 - I am metallic and have as many colors as a peacock. _____
 - I produce a double image and cleave rather easily. _____
 - I fluoresce, and begin with the same five letters as fluoresce. I also have cubic crystals _____
-
- _____ I am a green gemstone and Dorothy came to my city. _____
 - I look like the skin of a wild cat. _____
 - I am an agate named after a lake. _____
 - I am an agate named after something on the north side of a tree. _____
 - I have the same name as something you wash your hands with. _____

Word Choices

- | | | |
|----------------|---------------------|--------------------|
| iron ore | mica | obsidian |
| conglomerate | opal | topaz |
| moss agate | azurite | agate |
| fluorite | pipe stone | thunder egg |
| petrified wood | quartzite | pyrite |
| ruby | malachite | optical calcite |
| amethyst | geode | leopardskin jasper |
| peacock ore | emerald | soap stone |
| diamond | Lake Superior agate | coal |

Answers next month!



THE PRESIDENT'S MESSAGE

Fellow Club Members

March Madness is upon us, and for rockhounds in Lincoln that of course means the annual Gem and Mineral Show. This year the show is on March 29 and 30th, Easter Weekend. The show is our biggest and best event of the year and requires help from ALL Clubmembers and friends. It is a tremendous undertaking that reaps great dividends. During the show club members will be reaching out to more members of the general public than we do the rest of the year many fold. This is our opportunity to share our wonderful hobby with rockhounds and potential rockhounds of all ages. Every member should have at least one display for the show. Displays can vary from beginning collecting or lapidary to elaborate formally presented rare specimens or highly technical lapidary art and everything in between. The March meeting at the Bethany Park Shelter will be a good time to seek out advice for your display or arrange for a space/case to display in. A number of club members have extra cases they would be glad to share with you. If every member sets up one display we will be assured of a wonderful show.

Volunteers are needed to help with Friday set up, Sunday tear down, and all through the show. Everyone is expected to help. Some years the burden has fallen on a few (generally the same few) and the result was very unpleasant. In other years many pitched in and it became a fun, challenging, and rewarding activity where relationships were developed that last a lifetime. John Harrison and his committee have done their job. The Dealers are all arranged. The Demonstrators and Programs are all scheduled. The rest is up to us, all of us.

I would like to mention Vice-President Jerry Moore had back surgery the last week in February. I understand the surgery was successful and he is recovering well. Jerry is one member who always helps with the show year after year. I hope to see you on your feet again soon.

Remember : Every member helps and every member displays and we will again have a show worthy of our club and hobby!

Wooly

SHARING - Club Events and Special Activities

Geology Day '97 was another fun day for the few LGMC Members who were able to participate. Ed Ridge, Chairman was there with several cases of rocks, books, & Memorabilia to interest many of the visitors. Francis Belohlavy brought some of his castings (fine little nativity scene) with his magna-lite and Freedom as he busily cleaned and polished. Roger Pabian brought open display fossils so the spectators could feel each little detail as they eagerly questioned Roger Jim Parks brought a case featuring a polished Copralite sphere on a Jerry Moore turn table, fossil fish, trilobites and fern leaves from his collection and a jaw bone that roused many questions. Phyllis brought our Club Guest Register and took notes on the event. We did not have as many visitors as usual-possibly because the new construction made for a very crude path to the entrance, but it was a lovely day to be out, to hear the hundreds of geese on the frozen lake, and to envision the new plantings which our friend Kay Young was busily planning. The new addition to the Interpretive Center is a huge auditorium with attached kitchen facilities soon to be open and available for rent to groups.

Among the afternoon visitors were club members Michael Thompson, David Heffelbower and Scott Ruff, and Vice President Jerry Moore's son Matt who is one of the Centers personel. Possibly the highlight of the day was the great hospitality of Center Staff in the person of Karen Messenger with hot coffee, tea and rolls for the club participants. Thanks Karen!! and another 'Thank You' for the nice note of appreciation. We really enjoyed the privilege of sharing our hobby.

* * * * *

Another February event was the presentation of grants to two Geology students at UNL. The students were introduced by Professor David Loope and received their gift from Susan Taylor, Scholarship Chair. Each of the students made a presentation of their work in the special field they are working on. Since both are working on Nebraska sites it was exceptionally well received and many questions were asked.

Below is a copy of the letter received from Pat Helland who is studying Sedimentology especially on Late Pleistocene lake deposits along the Niobrara River near Cody, Nebraska.

Dear Members of Lincoln Gem & Mineral Club:

I want to thank you again for your grant supporting my thesis research. How well I can answer my research questions depends not just on my skill as a researcher but on the amount and quality of the laboratory techniques that I can apply in my quest for answers. Your funds will help me get the dates I need on my lake sediments and thereby contribute to the unfolding of the story of Nebraska's Pleistocene lakes.

Sincerely

Pat Helland

LINCOLN GEM & MINERAL CLUB, INC. - BOARD OF DIRECTORS - Feb. 4, 1997
 Lyman Home @ 7:00 P.M.

President called the Meeting to order.
 Minutes were approved with motion by Roger P., 2nd by Jerry M. Carried.
 Treasurer's report approved with motion by Francis B., 2nd by Jerry M. Carried.

BILLS - Presented and approved with a motion by Kay J., 2nd by Ed. R. Carried.

Roger Pabian chaired the annual Jan. Swap. He reported a return of \$ 176.70 on Silent Auctions, and net of \$ 113.51 on Swapper Bucks.

OLD BUSINESS: Club case loan to St. Mark's church. Francis will call and set up time to meet them for pick-up.

Geology Day has been confirmed for 2/16. Everyone is urged to attend and/or participate.

NEW BUSINESS: Scholarships - Susan Taylor, Chairperson
 Susan requested list be sent directly to President so Board could decide on recipients. Choices were:

Alfred Mead - 2nd year student in Vertebrate Paleontology, field work in Valentine, NE.

Patricia Helland - 4th year student in Sedimentology, studying lake deposits along the Niobrara River near Cody, NE.

Susan will invite each to give a 15-20 min. presentation on their studies.

Each will receive a grant of \$ 175. at our Feb. General Meeting.

MEMBERSHIP: Shirley Rockel, Chairperson.
 Names presented for new membership were Lester Limbo and Jacob Brown, 4507 Grassridge Rd. (423-1569)

Motion for approval by Jerry M., 2nd by Roger P. Carried.

SHOW COMMITTEE MEETING - Feb. 25 @ 7 P.M.

BOARD MEETING - March 4 @ 7 P.M. Both at Lyman home.
 Respectfully submitted,

Vera Lyman
 Vera Lyman, Secretary

L.G.M.C. Treasurer's Report February 1997

	NBC Checking Balance	1/31/97	\$602.98
Receipts:			
	1997 Membership Dues	45.00	
	Interest 6 mo.Scholarship CD	161.82	206.82
	Record Interest to checking for 1995		354.00
	Interest Scholarship CD to chkg.1996 (Discovered omission recently)		338.82
Payments:			
	P & S Feb. Printing	19.17	
	Postage-P&S,Treas.,Swap Chair	108.80	
	Member Subs to Gem Palette @3.25 each	156.00	
	State Non-Profit Corporation Tax 1996-1997	20.00	
	January Swap & Meeting	264.13	
	Insurance Club for 1997	150.00	
	Insurance 1997 Show	100.00	
	Postage '97 Show Discount Cards	180.00	
	Deposit '97 Show Special Feature	112.79	1133.52

NBC Checking Balance 2/28/97 \$369.10

LINCOLN GEM & MINERAL CLUB, INC. - GENERAL MEETING - Feb. 22, 1997
NCCE - Norfolk Rm @ 7:30 P.M.

Minutes of the previous meeting and the Treasurer's report were approved unanimously as printed.

There was no Old Business.

New Business:

The 1997 "Who's Who" is printed. Please be sure to pick up your copy.

Geology Day: Chairman Ed Ridge reported that 6 members participated. Due to construction at the site, visitor attendance was down.

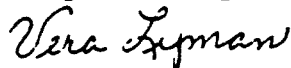
SHOW: John Harrison, Chairman reported that advertising is out & a lot of work has been done. Committee Meeting on 2/25 at Lyman home to finalize all aspects of Show. Committee members please plan to attend. Need fossils for the Fossil Dig which is operated by the Juniors.

MARCH MEETING - ONE WEEK BEFORE THE SHOW. Since our Show is the last weekend in March, we are going to have a Meeting on the 4th weekend at Bethany Park Shelter House to discuss "SHOW". Also we will be having Ham & Turkey sandwiches along with coffee & tea. Everything will be furnished by the Club! COME AND JOIN THE FUN!!

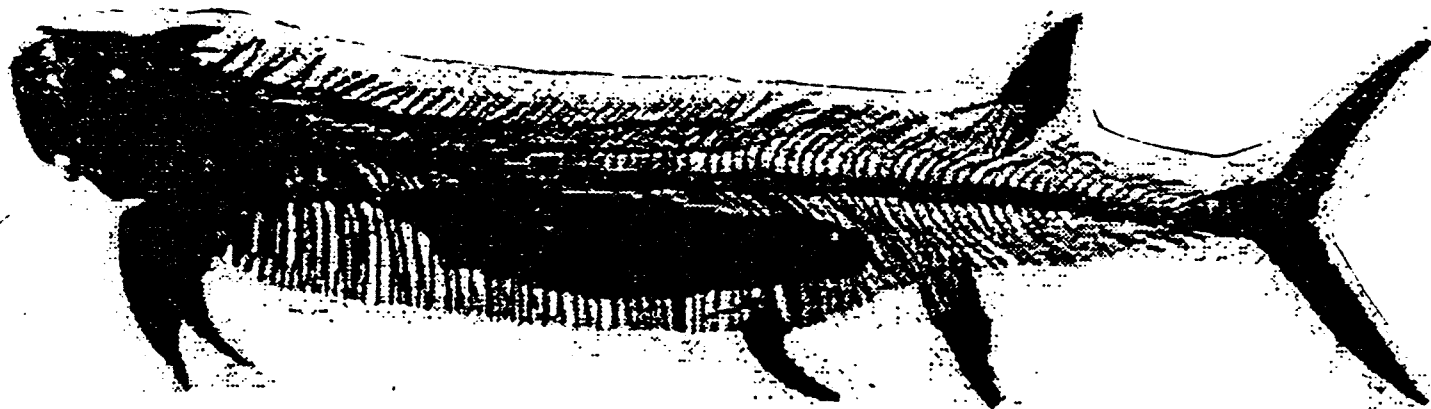
SCHOLARSHIP PRESENTATION: Susan Taylor, Chairperson

David Loope, Dept of Geology, Chair - introduced the 2 recipients and Susan presented each with a check from the Club. Recipients were Al Mead and Patricia Helland. Each gave an excellent presentation of their field work and studies, and extend our wishes for success and sincerest THANKS.

Respectfully submitted,



Vera Lyman, Secretary



FISH WITHIN A FISH

This fossil will be on display at the new Sternberg Museum/Natural History Dinodome on Interstate 70 at Hays, Kansas when construction is completed. It was found by George Sternberg in the Cretaceous sedimentary rocks of Gove County, Kansas in 1952. It is a fossil of a *Xiphactinus audax* about 14 feet long that swallowed a *Gillicus* about 6 feet long. It died of terminal indigestion shortly thereafter. The Sternberg museum has the larger fish identified as *Portheus molossus*, but the specimen has been determined to be *Xiphactinus*. This image was found at the Sternberg Museum Sneak Preview page:

<http://www.neteffect.net/public/color/dino/dino.html>
(via Segams Rock Dust 2/1997)

February Exhibitors

February's exhibits were probably the finest we have enjoyed in many a month. Vera Lyman showed very fine amethyst jewelry including a necklace and ring. Marie and Susan Taylor showed a Brazilian agate with amethyst center, and an amethyst and citrine necklace. David and Billie Heffelbower showed opal, and amethyst and rock crystal quartz.

Charles Wooldridge showed a fine gypsum group from the Fairbury area, as well as amethyst, quartz enhydros, smoky quartz from Mexico, Rose Quartz from Brazil, rock crystal from Arkansas, and selentie crystals from Mexico. Eddie Ridge showed citrine from Brazil, smoky quartz from Arkansas, and aventurine from India.

Phyllis Parks showed a fine amethyst crystal and Jim Pakrs showed a faceted amethyst of fine purple color and clarity, a citrine and heat treated green quartz from 3-Peaks, Arizona. Roger Pabian showed an amethyst geode from Brazil, a citrine crystal from Brazil, and a Laguna Agate from Mexico.

Several other fine pieces were shown but the exhibitors did not identify themselves. Thanks to all of you who exhibited.

Roger K. Pabian

March Exhibits

These should all be taken to the show. Since there is going to be a picnic style supper at the meeting, let's concentrate on the food and the final show plans. Besides, the cases are in need of some repair at the time and this will be a good opportunity to get them in shape for the show. Be sure to take some displays to the show.

RKP

Kansas City Show

Once again the Kansas City clubs sponsored a superb show. There were many excellent displays and quite a bit of interesting new stock in the dealers booths. Quite a few people from Lincoln were there, including Harrison's, Simon's, Jurgens', and Jim Marburger. I presented a program on type localities of agates of the world, and judges six mineral exhibits. Bill White had his superb cabochons on display and Betty showed her thumbnail minerals. One very interesting display there was a collection of large crystals---things with faces of a square foot or more. This was quite an exhibit.

RKP

NEWS OF THE CARLTON COUNTY GEM & MINERAL CLUB, INC./FEBRUARY 1997

MEETING DATE: Thursday, February 20, 1997

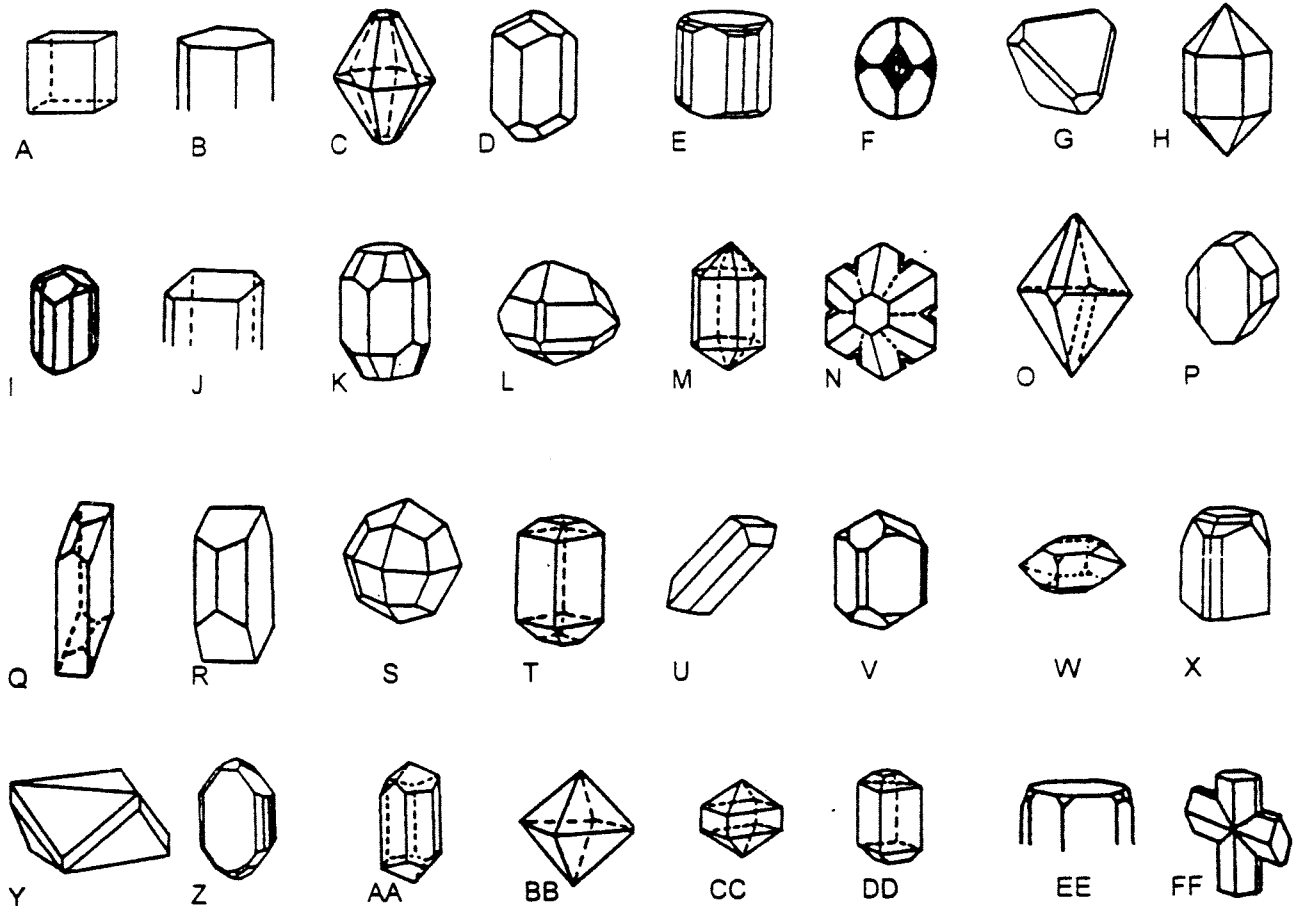
TIME: 7:30 p.m.

PLACE: Moose Lake Civic Center

PROGRAM: Surprise!!!

MINUTES OF JANUARY'S MEETING... The meeting scheduled for January 16 was cancelled to due the extreme cold weather. - Respectfully submitted by, Cindy Biebl, Secretary

TYPICAL CRYSTAL FORMS OF PROMINENT MINERALS QUIZ
MATCH THE CRYSTAL FORMATION WITH THEIR NAME



- | | | | | | |
|----------------|-------|---------------|-------|-----------------|-------|
| 1. APATITE | _____ | 12. FELDSPAR | _____ | 23. RUTILE | _____ |
| 2. AZURITE | _____ | 13. FLUORITE | _____ | 24. SAPPHIRE | _____ |
| 3. CHIASTOLITE | _____ | 14. GARNET | _____ | 25. SPHALERITE | _____ |
| 4. CHRYSOBERYL | _____ | 15. IDOCRASE | _____ | 26. SPODUMENE | _____ |
| 5. CORUNDUM | _____ | 16. IOLITE | _____ | 27. STAUROLITE | _____ |
| 6. DANBURITE | _____ | 17. KYANITE | _____ | 28. TOPAZ | _____ |
| 7. DATOLITE | _____ | 18. LAZULITE | _____ | 29. TOURMALINE | _____ |
| 8. DIAMOND | _____ | 19. PERIDOT | _____ | 30. VESUVIANITE | _____ |
| 9. DIOPSIDE | _____ | 20. PHENACITE | _____ | 31. WILLEMITE | _____ |
| 10. EMERALDS | _____ | 21. QUARTZ | _____ | 32. ZORCPM | _____ |
| 11. EPIDOTE | _____ | 22. RUBY | _____ | | |

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
Housing/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

Gem Palette Correspondent: Vera M. Lyman

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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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.

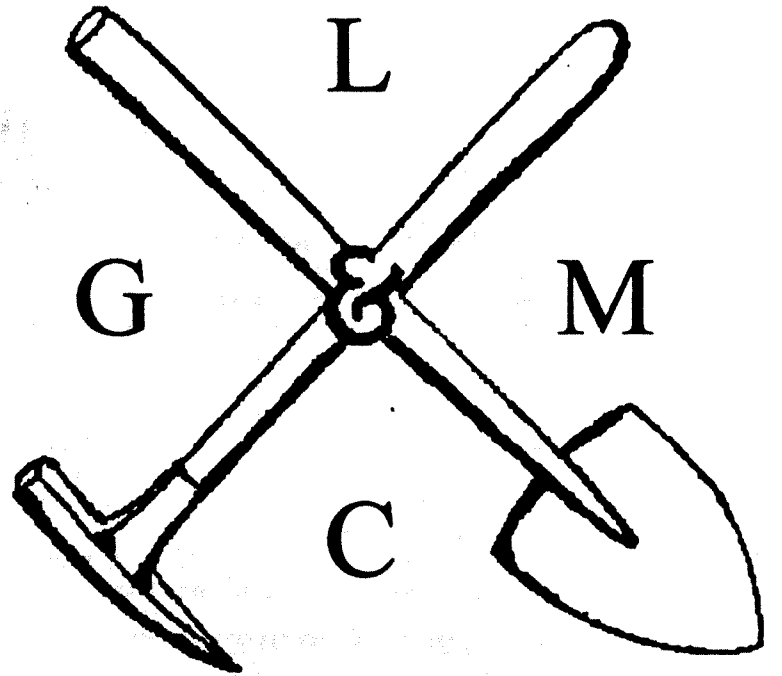
Dues to Lincoln Gem & Mineral Club are as follows:

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.

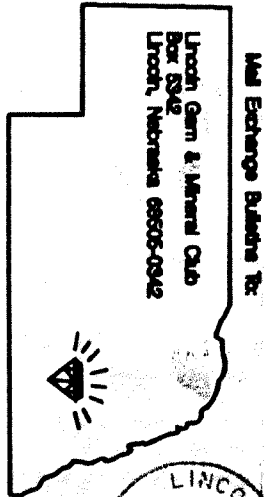
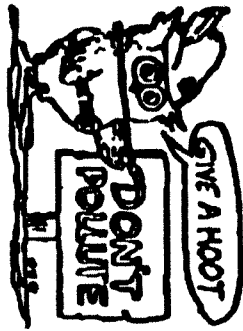
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MARCH 1997



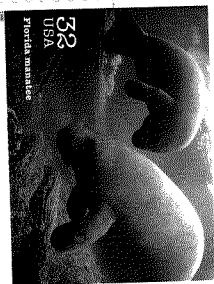
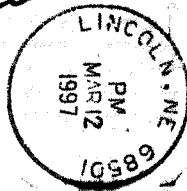
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