

CALENDAR

Regular Meeting October 26, 1996, 7:30 P. M., at Bethany Park Shelter, Cotner & Vine. Dessert Supper - each member please bring your favorite dessert. Please bring your own table service. Club will furnish coffee and hot cider.

Program Name that Gem. See page 5.

Youth Meeting Host a costume extravaganza. See President's Message

November Meeting Saturday the 23th, 7:30pm at the Nebraska Center Continuing Education. Annual election for 1997 officers and board of directors.

DECEMBER CHRISTMAS BUFFET Sunday, December 15, 1996, 5pm-9pm at Antelope Park Shelter. Dinner at 6pm. Meat and coffee provided by the Club. Please bring a favorite casserole and/or dessert to share along with your own table service. Special program.

WELCOME NEW MEMBERS John & Mary Rudolph, children: Lauren & Andrew
1128 W. Avon Lane, Lincoln, NE 68505
telephone 466-6976

Please add these new members to your 1996 Who' Who.

NEXT LGMC SHOW - MARCH 29-30, 1997

Pershing Auditorium
226 Centennial Mall

Nearby Shows to Visit

Oct. 19-20, 1996	SHOW	GI Earth Science Club Fonner Park, Grand Island, NE
Oct. 19-20, 1996	SHOW	Des Moines Lapidary Society Des Moines Botanical Center 909 East River Drive
Nov. 9-10, 1996	SHOW	Fort Kearney Gem & Mineral Club Hilltop Mall, Kearney, NE

NOMINATING COMMITTEE REPORT

1997 Slate of Officers

President	Charles Woolridge	Board of Directors
1st Vice President	Jerry Moore	Francis Belohlavy
2nd Vice President	Edward Ridge	Brett Jurgens
Secretary	Vera Lyman	Kay Jurgens
Treasurer	Phyllis N. Parks	Roger Pabian

as presented by David Heffelbower, nom. com. chair

YOUTH NOTES

With all the hustle and bustle, the Youth Notes copy did not arrive in time for this month's Pick & Shovel. Please accept your editor's apologies and refer to the President's Message for your October meeting information. Enjoy this copy of a letter from our founder which includes a fun activity for you to try, which will be given to your leader, Kay Jurgens.



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HI :

I WAS GOING THRU SOME OLD MAGIZNES AND RAN ACROSSED THIS ARTICLE.I THOUGHT IT MIGHT BE A GOOD LITTLE PROJECT FOR THE JOUNIOR CLUB.

MIGHT BE IF THEY CAN GROW SOME GOOD & LARGE XLS FOR THE SPRING SHOW.AT LEAST IT SHOWLD SHOW WHAT CAN BE DONE WITH NOT TO MUCH COST.

I FEEL IF YOU READ THEIS AND MAYBE REWRITE IT FOR THE KIDS SO THAT IT WOULD BE EASY FOR THEM TO DO OR TO FIGUIE OUT THAT WOULD BE GREAT.

ROCKSPECTFULLY

"EV"

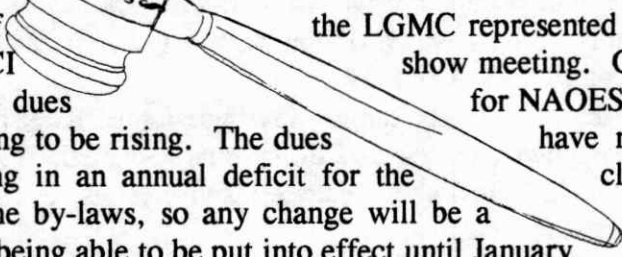
THE PRESIDENT'S MESSAGE

Fellow Club Members

Happy Halloween!!!

The September general meeting included a very informative program by Roger Pabian on Fossil Echinoderms. His educational narrative was accompanied by beautiful slides of these small invertebrate fossils.

The October meeting will include a display of Gemstone Crystals with an identification challenge developed by Roger similar to the one he did on Agate varieties. Kay Jurgens will facilitate a Halloween costume contest for young and old alike. The theme, of course, will be gems, minerals, or fossils. Members have demonstrated a great deal of imagination in the past as they try to disguise themselves as their favorite (I'll bet a nickel someone will come as spider-web turquoise!).



Four members of the annual NAOESCI show meeting. Club members should be aware that membership dues for NAOESCI and subscriptions for the Gem Palette are going to be rising. The dues have never been raised from the initial \$.35 resulting in an annual deficit for the club. The dues are currently included in the by-laws, so any change will be a lengthy process, resulting in no changes being able to be put into effect until January of 1998. The club decided to change this process by removing dues from the by-laws and making them a standing rule. This process will also take until January 1998 to take effect, but it will allow future dues changes to be made by the Board of Directors which will significantly shorten the process in the future. The cost of subscription to the Gem Palette will increase to \$3.25 per member as of January 1997. The increase is barely sufficient to cover the cost of producing the newsletter.

Remember the October meeting is at the Bethany Park Shelter. A dessert dinner will be held in addition to the costume contest and crystal identification challenge. Bring your favorite dessert to share and table service. Let's all make an effort to attend our meetings. The more people, the more fun!

See you there!

Wooly

September's Exhibitors

The theme for September's exhibits was crystals and, former LG&MC junior and club Past President, Lundgren-Parks, now from the Minneapolis area, was visiting parents, Jim and Phyllis Parks, and she brought along son Andy Lundgren-Parks. Linda exhibited a garnet crystal from the star-garnet area of Idaho and Andy brought along a large star ruby crystal, probably from India.

Dave and Billie Heffelbower exhibited a quartz crystal from Arkansas, and amethyst from Thunder Bay, Ontario, fluorite in calcite, probably from Illinois, a sapphire crystal probably from India, and a topaz crystal from Brazil.

Kenny Kramer featured a nice hemimorphite specimen from Mexico, tiff (an agate - quartz combination) from southeastern Missouri, and a piece of petrified wood from a tree crotch section.

Wooly displayed apatite, amethyst, topaz, and danburite crystals from Mexico; zircon, citrine, and tourmaline, crystals from Brazil; and an aquamarine crystal from Pakistan. Of particular interest was a double-terminated rose quartz crystal that Wooly picked up from an outcrop near Odell.

The Jurgens family brought quite a few nice items. Kay show calcite on fluorite from Illinois. Janelle showed calcite and drusy quartz crystals from Missouri and Brett provided fluorite crystals from Illinois, calcite (sand-crystals) from South Dakota, and a very nice stibnite crystal from China.

Roger Pabian showed beryl and chrysoberyl crystals from Brazil; green beryl crystals from Maine, amethyst from Ontario, Uvarovite garnet from Russia, topaz from Pakistan, amazonite feldspar from Colorado, and grossular garnet from Mexico.

Many thanks to the above exhibitors for showing such a variety of materials. The nice thing about the monthly displays is that the members have been doing quite a nice job of filling up the two cases. It would be nice to start working on filling a third case at each meeting.

Roger K. Pabian

October Displays

Let's try for lapidary and jewelry projects. Bring along some of your favorite stones or some that have caused problems in trying to finish them. We will try to give some tips on how to sand or polish specific stones or handle specific problems. Cases will be furnished.

Editor's Comment: "Many Thanks" to Roger for preparing print ready pages 4 & 5 for the Pick & Shovel, and to Wooly for his President's Message, and, as every month, to Vera for the print ready Secretary reports. Also a big thank you to Lisa Coruzzi (my granddaughter from Colorado) without which this bulletin would have been a week late.

LINCOLN GEM & MINERAL CLUB, INC. - BOARD OF DIRECTORS - Sept 4, 1996
 7:00 P.M. Lyman home.

President called the Meeting to order.
 Minutes were approved with motion by Roger P., 2nd by Phyllis P. Carried.
 Treasurer's report was approved with motion by Vera L., 2nd by Kay J., Carried.

BILLS: Paid & to be paid, presented by Treasurer, approved with motion by Jerry M., 2nd by Roger P. Carried.

'98 Show: 40th Anniversary Show - Pins & Patches are done. Discussion of sale prices. Motion by Jerry M., 2nd by Ed R. that we approve recommendations by Roger ('98 Show Chairman) Carried.

OLD BUSINESS:

Purchase of book cases - Faceting Book - Roger will present prices at next Meeting.

MWF SHOW: Pres. Chares W. reported on Show Meeting. Attended as our delegate. Reported poor attendance at Show - was set up very well. Had some good ideas. Next Show will be at Rock Island, IL.

NEW BUSINESS: Ben Darling, 2nd Vice, is moving to Sidney, NE
 Ed Ridge has agreed to serve as 2nd Vice and Francis Belohlavy will serve as Board member in Ed's place for remainder of year.

Motion by Francis B., 2nd by Jerry M. to purchase 3 slide programs retired from MWF @ \$ 5.00 Motion carried.

Meetings - Sept. General - 9-28 NCCE - Norfolk Rm.

Oct 26 - Bethany Park Shelter House - Dessert Supper

Nov 23 - NCCE

Dec 15 - Antelope Park - Christmas Party

Lapidary Classes - Starting Sept 16

'97 Show - John Harrison, Chairman

Dealer Chrmn - Jerry Moore Floor Chrmn - Francis Belohlavy

MEMBERSHIP - Presented for approval - Debra Slechta (Paid, needs to attend Meeting) Motion for approval, Francis B. - 2nd Jerry M. - Carried, (pending attendance)

Sept. Program: Roger will present: "Fossil Echinoderms - Crinoids, Blastoids, Cyclocystoids, How old they live, What did they eat and What ate them." (Roger had a different TITLE first, but we decided to use this one!!)

Meeting adjourned. Special THANKS to Roger for bringing a pie to our Meeting for refreshment. It was delicious!

Respectfully submitted,

Vera Lyman

Vera Lyman, Secretary

L.G M C Treas. Report September 1996	
NBC Checking Balance 8/31/96	75.28

Transferred from Money Market to NBC Checking	500.00
Receipt:	

Member Dues & Registrations	22.00	
Donation Spec.Lapidary Equip.Fund	3.00	
Sale 40th Anniv.Show Pins/Patches	<u>101.00</u>	<u>126.00</u>

Payments:

Supplies Presidents Picnic	43.92	
Mailing map & invitation	16.00	
3 Videos from MWF Library	15.00	
Book for Youth -MWF Library	3.00	
Sept. Pick & Shovel Prtg.	35.89	
500 ea.Letterheads & Envelopes	63.88	
Treas.Receipt Book & Glue Stix	<u>9.80</u>	<u>187.47</u>

NBC Checking Balance 9/30/96	513.81
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LINCOLN GEM & MINERAL CLUB, INC. - GENERAL MEETING - Sept. 28, 1996
7:30 P.M. NCCE - Norfolk Rm. (16 members, 6 Youth, 1 visitor)

Meeting called to order by the President @ 7:33 P.M.

Motion by Jim Adkins to approve the Minutes as printed, 2nd by Dave Heffelbower. Carried.

Motion by Dave H. to approve the Treasurer's report as printed, 2nd by Bill Rockel. Carried.

OLD BUSINESS: Ed Ridge reported on the Grinding Party. There was a good attendance and all enjoyed.

Wooly (Pres) reported on the President's Picnic. 25-30 people attended and everyone had a good time.

Our President has information from the MWF Show & Convention available to anyone interested. He represented our Club as a Delegate.

The "Program" printing for the Show was free because they used sponsors. This is something LGMC may wish to do.

NEW BUSINESS:

The State Show will be in Omaha on Oct 5 & 6 in conjunction with their Show. We need 4 delegates for the Meeting on Sunday (6th). Ken Kramer will try to attend.

NOMINATING COMMITTEE REPORT: Dave Heffelbower, Chairman

President - Charles Wooldridge

1st Vice - Jerry Moore

2nd Vice - Ed Ridge

Secretary - Vera Lyman

Treasurer - Phyllis Parks

Board Members:

Roger Pabian

Kay Jurgens

Brett Jurgens

Francis Belohlavy (not contacted
as of Sat. night)

"97 SHOW: John Harrison, Chairman, Phyllis Parks reported that they had not had a Meeting yet; but some of the sub-committees has begun work - including Dealer Chairman.

"98 SHOW: Roger Pabian, Chairman - Roger reported it will be the 40th Anniversary Show and some things need to be done before the '97 Show. Roger has commemorative Pins (\$4) ea. and Patches (\$3) ea. available

Roger thanked members for the many specimens being brought to meetings for display and encouraged us to bring even more.

Also, book on 'Agates of Northern Mexico' will be released around Oct. 1st. LGMC may receive discount for group order.

Our Library has completed our set of Lapidary Journals up to 1990; courtesy of Irl & Lois Everett.

Also have received 3 slide shows from MWF - "100 Mi of Agate in Oregon", "Artistry In Wire", and one on "Fossils".

Kevin Schwartman reported that he spoke with Mike Voorheis regarding the project with the 'fossil fish preparation'. Article will be in Pick & Shovel.

Pres Wooly will ask David Loope to do our Christmas Program on his trip to Mongolia

Board Meeting - Tues. Oct 8, 7:00 P.M. @ Lyman home.

General Meeting - Oct 26 - Bethany Park Shelter House - Halloween Party. Quiz on Crystals. Remember costume contest. Also, "Dessert Supper" so please bring one!

Also, need to have another 'Silent Auction' for Lapidary Class soon.

Meeting adjourned - 8:07 P.M.

for taking minutes in my absence.

A "SPECIAL THANKS" to Linda & Jim

Respectfully,

Vera Lyman

Vera Lyman, (as submitted by
Secretary Linda & Jim)

October Program

Name that gem! This will be a multiple choice quiz with 25 crystals of gem minerals. It will be just like the **Name that agate** program several meetings back. There will be 25 crystals shown in a case, and the answer sheet will have 5 choices. There will be a nice prize for the one with the highest score.

Omaha Show

October 5 and 6 were highlighted by Nebraska Mineral and Gem Club's annual show, which, as always, was characterized by very fine displays and dealers. Their show is characterized by some very creative and well done silversmithing. I was impressed with the number of individuals who had pieces of their own creation in several cases.

Sunday hosted the meeting of the NAOESCI delegates. Lincoln was represented by Charles Wooldridge, Jim Null, and me. Dave Heffelbower was also at the meeting but as a board member.

If you missed the Omaha show, there will be shows at Topeka (October 12, 13), Grand Island (October 19, 20) and Kearney in early November. RKP

Nebraska Geology on the Internet

Pick & Shovel readers who have connections to the internet will find the Home Page for the Conservation and Survey Division (CSD) at

<http://NESEN.unl.edu/csd/>

The above address will tell you about, its personnel, projects, publications, and contains a great deal of information about geologic resources in Nebraska. The NESEN (Nebraska Earth Science Education Network) has pages with earth science trivial quizzes that are related to Nebraska. If you would like to try quizzes in such areas as minerals, gems, landslides, and earthquakes in Nebraska, go to

<http://NESEN.unl.edu/csd/trivia/trivia.html>

RKP

New Book on Origins of Agates

I recently received, courtesy of Dr. Nick Crawford, Wiltshire, England, a copy of a new publication: **AGATE MICROSTRUCTURE AND POSSIBLE ORIGIN**, by Terry Moxon, Sheffield University. ISBN number is 0-95285 12-0-2. Price, UK L6-90. Review will be in future Pick & Shovel. RKP

I had a nice visit with our 1997 show chairman, John Harrison, who is still doing shows almost every weekend. He wants you to know that his dealer chairman, Jerry Moore, has made sure that dealer contracts are being taken care of and a show committee meeting will be held shortly. In the mean time, we are including some hints for every club member to think about for participating and setting up a case. We have some case plans available if you wish to build your own.

Guidelines for Making a Good Display

Preparation of Case

- a. Selection of a lining
Color - Light beige or pastel preferred
- b. Heavy cardboard cut to fit bottom and sides and covered with lining material.
- c. Include some elevation or steps which should be covered with lining material.
- d. If case is lighted, install foil behind lamps.
- e. Make sure ventilation is provided.
- f. Not advisable to use fluorescent lamps.
- g. Never use colored lights as they destroy true color.

Selection of Articles

- a. Assemble all potential material.
- b. Select the best material with regard to color, pattern and variety; if lapidary, only the best workmanship.

Arrangement

- a. Avoid straight lines.
- b. Most outstanding at center; largest at edges.
- c. Balance colors and sizes; mix darker and lighter pieces.
- d. Don't overcrowd.
- e. Never lacquer - this cheapens display.
- f. When you can no longer improve it, draw a diagram so that it can be duplicated at show.

Labeling

- a. Labeling should be uniform size (typed or neatly handprinted)
- b. For lapidary, make labels as small as possible.
- c. Check for spelling.
- d. Proper placement is important.

Final Check

- a. Be sure there are no wrinkles in lining.
- b. Remove all lint.
- c. Glass should be cleaned on both sides.

(Taken from: "Serendipity Gems" September 1996, of the Evansville Lapidary Society)

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:	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


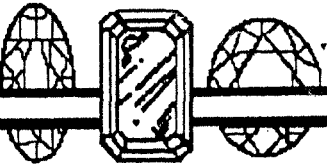
Membership:	Shirley Rockel	Programs:	Open
Education:	Roger Pabian	MWF Liaison:	Vera Lyman
Field Trips:	Charles Wooldridge	Scholarship:	Dwight Miller
Historian:	John & Lillie Lewis	Christmas Party:	Shirley Rockel
Hospitality:	Eddie "Lightning" Ridge	1996 Show	Roger Pabian
Study Coordinator:?	Kevin Schwartman	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:	2nd Vice President		

Your PICK & SHOVEL Staff

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Business Reporter:	Vera Lyman 464-6089
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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

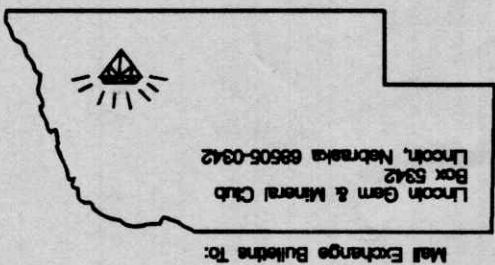
New memberships must be approved by the Board, after the applicant attends at least one meeting of the club and pays the above dues plus a \$5.00 registration fee.

Johnson



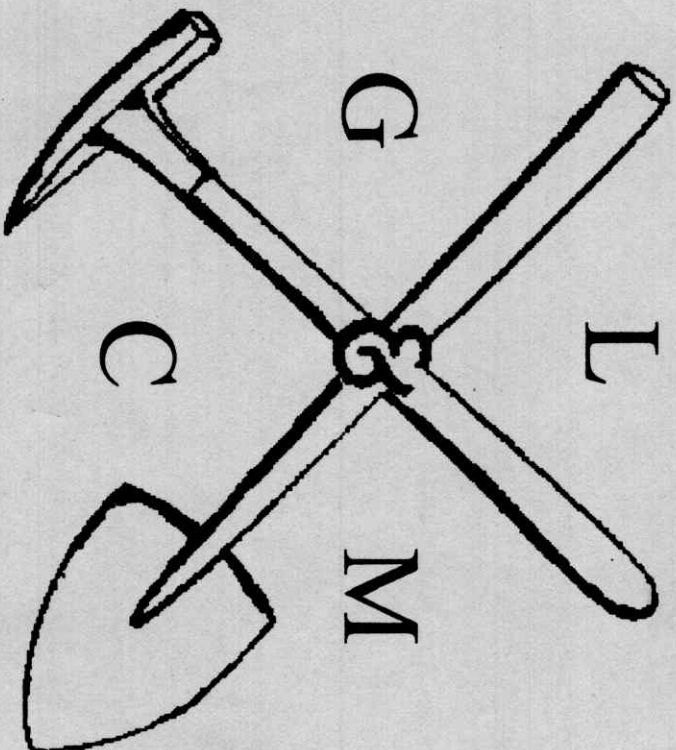
Help Eliminate Litter Please

H. E. L. P.



THE PICK & SHOVEL

OCTOBER 1996



OFFICIAL PUBLICATION OF

LINCOLN GEM & MINERAL CLUB

LINCOLN, NEBRASKA