

The Pick & Shovel

Volume 46, Issue 2, October 2005, Page 1

Club Events

Oct 27 General Mtg, Antelope Park, 7PM
Youth Night/Halloween Party, Dessert Supper
(see page 2)

Nov 2 Board Mtg, Kinko's 48th & Vine
7PM

17 General Mtg, Antelope Park, 7PM
PM, Election of Officers (This is not a
Thanksgiving supper as indicated in the last
P&S. Snacks provided by club member)

Dec 7 Board Mtg, Kinko's 48th & Vine 7PM

11 General Mtg, Antelope Park
(Christmas Party-Meal @ 6PM. Details to
follow in future newsletters.)

Recap September Meeting

PROGRAM- Kim Svoboda, our scholarship recipient talked a little about her education and plans to teach science to high school students. She was very grateful for the scholarship contribution from LGMC.

Food- Thanks to Annette Gifford for the delicious cookies

Door Prizes- Provided by Judy Reilly and Jim & Sharon Marburger

October Meeting

PROGRAM: Youth Night! (See page 2)

Food: Bring your favorite desserts or snacks

Display Material: Bring anything special that you can "Show & Tell" to club members and special guests...(see page 2)



President's Message

Since the April Youth Night was such a success, we decided to do it again at the October general meeting. Please bring specimens, egg cartons, displays and enthusiasm for our guests. Let's make it a fun time for everyone. Let's see those hobby-related costumes! You don't have to spend a lot of money to have a fun costume. A little ingenuity goes a long way. See how many people you can stump with your costume. See page two of this newsletter to see what other items are needed for the meeting.

The fall shows are in full swing and good attendance has been noted. Many of the clubs have been pushing for, and getting a good response from, the junior membership. We must provide activities to interest our youth, in order to keep our club alive. Find out what you can do to help.

What can we as a club do to promote the hobby? What is needed in our club? Where are we going? What would make our meetings more enjoyable? What kind of programs are needed? Would a different night or location be better? Where is the fun? Who are we? Our board of directors needs to hear from YOU. We have the means, talent, education, drive, and strong backs. The club is as strong as the membership. We have a great tradition and history – let's make this a new beginning to keep that history alive.

Rock on!

Jim Marburger



Halloween

Youth Night

by Judy Reilly

Since the April meeting was so much fun, we are going to repeat the "Start a Rock Collection" program at the general meeting this month. This time, the Steering Committee for Youth Program (**Judy Reilly, Susy McMahan and Vera Lyman**) has invited a group of students from North American Martyrs School who are studying geology. Susy and Judy talked to Mrs. Reisdorff's students last year at this time (they were quite an enthusiastic bunch of kids) so we sent an invitation for her class to attend Youth Night. Also, special invitations were sent to LGMC Youth members (thanks to **Phyllis Parks** for helping with this project.)

Here is what we need from club members:

- egg cartons
- specimens of rocks, fossils, etc (about 20 of one kind). In April we had sea shells, petrified wood, peacock ore, rose quartz, Lake Superior Agates and tons of other beautiful items).
- anything you would like to display (Judy is bringing a 90# geode) or demonstrate (lapidary equipment, tumbler, etc.)
- desserts or any fun treat or snack to share (coffee and iced tea provided by club)

Our goal is to eventually have an active Youth Club so that LGMC will be alive for many more years. So, grab those egg cartons, pack up those specimens, bring a treat and come on over to the Antelope Park covered shelter, Thursday, October 27 at 7PM. Oh, don't forget to come in a hobby-themed costume! There will be prizes!

What's The Buzz?

by Judy Reilly

GRAND ISLAND CLUB CLOSING

I received an e-mail from **Dolores Rose**, editor of Grand Island's newsletter, "The G.I. Nugget." Dolores wrote that the memberships of the Grand Island Earth Science Society unanimously decided that "the club will be closing its doors in December of this year." Several GI club members have expressed interest in joining the Lincoln club so they can still be a part of "the rockhound world." I hope we will be seeing some of them at the October meeting. It is sad to see a club fold, but we wish all of the members well and welcome them to our club.

ROGER PABIAN will be having a sale of unique, one of a kind gemstones at the **Jewelry Connection** on Tuesday, Oct. 25 and Wednesday, Oct. 26 from 7-9PM. The Jewelry Connection is a studio and school for jewelry artists and is located in the lower level, South Indian Village Mall, 13th & High Streets.

SLATE OF OFFICERS

LGMC elections will be held at the November meeting. Nominations will be accepted from the floor. The Nominations Committee, chaired by **Susy McMahan** has presented the following Slate of Officers for 2006:

President: James Marburger

1st Vice President: Pat Akins, Jr.

2nd Vice President: Roger Pittard

Secretary: Sharon Marburger

Treasurer: Vera Lyman

Board of Directors: Jim Atkins, John Harrison, Judy Reilly and Charles Wooldridge

GENERAL MEETING – September 22, 2005, Antelope Park Shelter

The meeting was called to order at 7:11 p.m. Twenty-two adult members and one youth member were present. Five guests were present: Ed and Pat Dvorak; Robert Young; Paul Elliott; and our scholarship recipient, Kim Svoboda.

OLD BUSINESS: Phyllis Parks made the motion to accept the minutes of the May meeting as printed, followed by a second by Pat Akins. Motion carried. Phyllis Parks made the motion to accept the May Treasurer's report, second by Pat Akins. Motion carried. Susy McMahan moved to accept the Treasurer's report for June, July, and August; 2nd by Jim Atkins. Motion carried.

President Marburger shared that the field trip to Crawford, Nebraska over the July 4th holiday was a great success. The Denver Guild members who participated enjoyed the trip and want to arrange a joint trip in 2006. Lots of specimens were collected, including several Fairburn agates and a fantastic petrified wood specimen.

The Grinding Party on July 17 had small attendance due to the extreme heat, but lots of equipment and display items were brought in by several members. Thanks to those who braved the heat for the good of the club.

Roger Pabian reported the Midwest Federation show in St. Louis was good, but there were fewer delegates than usual. Roger's brief report can be found in the Pick & Shovel and his full report in the Federation newsletter.

The Audit Committee completed their review of the books. The report was published in the Pick & Shovel.

The October 2005 meeting has been declared Juniors' Night. The plans include having members bring about 20 like specimens and egg cartons so the visiting juniors can make and take home the start of a rock/mineral/fossil collection. Games and possibly slab painting will be among the activities. All members and visitors are reminded that the October meeting will also be the club's Halloween party. Please wear a hobby-related costume.

The Nominating Committee has obtained the following nomination acceptances: President – Jim Marburger; 1st Vice President – Pat Akins; 2nd Vice President – Roger Pittard; Secretary – Sharon Marburger; Treasurer – Vera Lyman; and Board members Jim Atkins, John Harrison, Charles Wooldridge, and Judy Reilly. Nominations from the floor will be accepted at the October meeting.

NEW BUSINESS: A thank you note was received from the estate of Lillie Lewis for the \$25 memorial the club offered.

New members are Wendell G. and Betty Wells. Upon attending a meeting, Ron and Mitch Hinkley will become members.

Roger and Mary Pittard volunteered to be delegates at the State show at Schuyler.

Pat Akins gave a 2006 show report. The show is scheduled for March 25-26 at Pershing Center. The theme of the show is "On the Rocks".

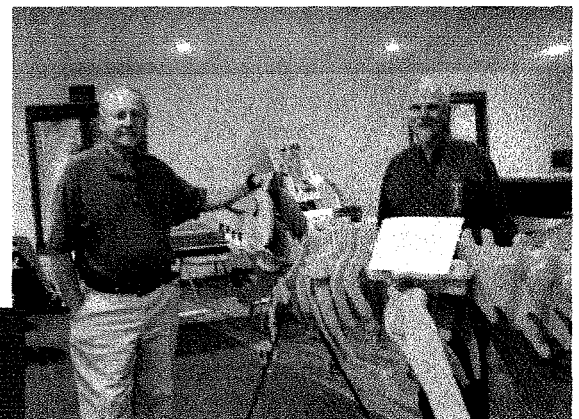
Volunteers are still needed to fill the following positions: Floor Chair, Special Features, Displays, Silent Auction, Juniors Booth, and Club Booth.

David Heffelbower is accepting volunteers to provide programs for the general meetings. Roger Pabian said he picked up CDs for four PowerPoint programs, however a projector is needed.

The meeting adjourned to the program at 7:41 p.m. on a motion by Pat Akins, 2nd by John Harrison. The program was provided by scholarship recipient, Kim Svoboda.

Respectfully submitted,

Sharon Marburger



(photos from the Loup Valley Show in Schuyler)

LINCOLN GEM & MINERAL CLUB, INC. – BOARD OF DIRECTORS – September 7, 2005
Kinkos, 48th and Vine

President Jim Marburger called the meeting to order at 7:00 p.m. Board members present were Jim Marburger, Pat Akins, Roger Pittard, Sharon Marburger, Vera Lyman, Judy Reilly and Jim Atkins were present, along with guest Ed Ridge.

The minutes of the May meeting were distributed. Pat Akins moved to accept the minutes as printed, Jim Atkins 2nd. Motion carried. The treasurer's report for May was handed out and Pat Akins moved to accept the report as printed, 2nd by Roger Pittard. Motion carried. The treasurer's report for June, July and August were reviewed. Pat Akins moved to accept, Judy Reilly 2nd. Motion carried

OLD BUSINESS: Roger Pittard has not yet purchased the spare tire for the trailer.

The audit committee met and found the records correct and in proper order.

The financial report for the 2005 show has been submitted. The club shows a profit of \$1,848.27.

Sharon Marburger reported that the club history files have been cleaned up. New scrapbooks will be made. The old photo albums and scrapbooks were not received when the historical files were turned over to the Marburgers. The remaining historical items will be indexed.

NEW BUSINESS: A thank you note was received from the estate of Lillie Lewis for the \$25 memorial the club offered.

The club welcomes Wendell G. Wells as a new member. Mr. Wells was sponsored by Rev. Surrender. Ron and Mitch Hinkley, sponsored by Vera Lyman, have paid their dues and will become members upon attending a meeting, as moved by Pat Akins and 2nd by Jim Atkins. Motion carried.

The Nominating Committee chair was not present at the meeting so no report was made.

Volunteers to act as delegates at the State Show in Schulyer, Nebraska are possibly Roger and Mary Pittard, and Pat Akins if voted out of office prior to the delegates' meeting.

Show Chairman for the 2006 show is Pat Akins. Mr. Akins does not yet have his formal budget prepared, but has all but four committee positions filled.

The meeting adjourned at 7:48 p.m. on a motion by Pat Akins, 2nd by Jim Atkins.

Respectfully Submitted,

Sharon Marburger

LGMC Treasurer's Report for September, 2005		
Pinnacle Checking Balance on August 31, 2005		\$ 6,224.17
RECEIPTS:		
Ron Hinkley & Juniors-Dues & Regis	<u>17.00</u>	17.00
PAYMENTS:		
Postmaster-Sep & Oct P&S Postage	74.00	
Lancaster Co. Treas-Trailer Lic (PMF)	29.00	
Roger Pabian, Delegate-AFMS/MWF Mtg	100.00	
Kinkos-9/7 Board Mtg (1½ hrs)	15.00	
Roger Pittard-Spare tire/Club Trlr (PMF)	<u>71.43</u>	<u>289.43</u>
Pinnacle Checking Balance September 30, 2005		\$ 5,951.74

Local Shows

Delegate's Report- NAOESCI Meeting

The delegates meeting of the Nebraska Association of Earth Science Clubs met on Sunday, September 25, 2005, at Schuyler, Nebraska. Delegates from six clubs were present. Items covered during the delegates meeting included insurance for clubs and development of a membership directory. Richard Farlow of the Nebraska Mineral and Gem Club, Omaha, was elected president, and I was elected VP. Susy McMahan from LGMC was re-elected as Secretary/Treasurer. Returning board members are David Heffelbower and Judy Reilly. New board members are Mary Wemhoff from the Norfolk & Loup Valley Clubs and Pat Akins, Jr., immediate past president. A detailed report of the meeting will appear in the next issue of the Gem Palette.

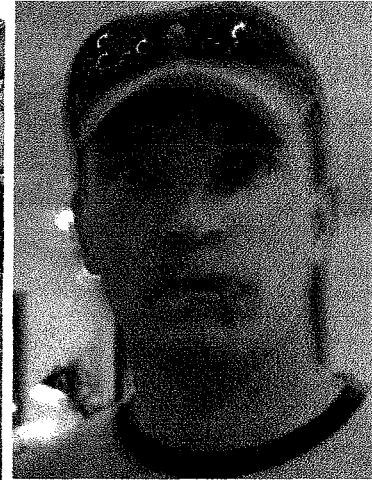
Respectfully submitted,

Roger K. Pabian



2006 NAOESCI Officers, Front Row Left to Right: Susy McMahan, Roger Pabian, Richard Farlow, Mary Wemhoff. Back Row: Judy Reilly, Pat Akins, Jr. Absent- David Heffelbower. (Photo by Ben Vrana).

Scenes from The Loup Valley Show, September 24-25, 2005



Clockwise from upper left: Roger shows Susy an astounding find on field trip to gravel pit, Pat Akins, Jr. before his trip to the dentist. NAOESCI display case donated by LGMC.



Scenes from The Nebraska Mineral & Gem Club Show, 50th Anniversary, Oct. 1-2, 2005



Clockwise from upper left: Guests have fun cleaning fossils at The Omaha Show, John Harrison works on a piece of jewelry for a customer, Richard and Donna Farlow greet guests at the show celebrating NMGC's 50th anniversary.

Hints & Tips

Old CD's by George Finley-SGMC

I was given a lot of old CD's that I had been making sun catchers out of. I took some to a show as they were using them in the kaleidoscope they made. Someone brought up the idea that these old CD's could be used on a faceting machine. I wondered if anyone had tried this yet. How would you use it on a faceting machine? So I went on the web, "Bob's Rock Shop", and asked if anyone there had tried using old CD's on faceting machines.

I got a reply from The Gem Faceter who said, "Yes you can use them for faceting." Once in awhile he uses them for polishing. Just scour them and put diamond spray on the dick. If it gets contaminated, just throw it away. Gene Potts told me the same thing!

Original Source: Shawnee Slate, Shawnee G&M Cub, Shawnee, OK, August, 2005. via Quarry Quips, August 2005

Is It a CZ Or Diamond? If the stone is loose, turn it upside down on its table and slide it over a thin black line on a piece of paper. When looking straight down through a CZ, you will see a circle in the center of the stone. A diamond won't do this.

Is It Citrine or Topaz? Clean the stone, then, using a toothpick, put a drop of water on the table of the stone. The water will form a high bubble on real topaz. On quartz, the water flattens out.

By Don Ashbury via the Breccia 2/02, The Rockcollector 3/02 and The Backbender's Gazette August, 2005

Just For Laughs

As A Rockhound Sees It

Contributed by Phyllis Parks from Cross Timbers Talks, August 1989

Sheer Luck- someone else's good find

Hard work and brains- your own good find

Greed- someone else's large quantity of one specimen

Foresight- your own large quantity of one specimen

Stinginess- someone else's refusal to share good rock locations

Shrewdness- your own refusal to share good rock locations

Bunch of Junk- someone else's collection

Museum pieces- your own collection

Botched up job- someone else's first lapidary attempt

Promising beginning- your own first lapidary attempt



The symbol for gold is Au. This is short for "awful hard to get" but the guy couldn't spell.

Author unknown, Source: The Tumbler, 4/03 via Quarry Quips, 10/03.



Q. What do you call a ghost mistake?

A. A boo-boo! (from Quarry Quips, 10/03)



Actual Science Tests Report... These are reputedly real answers to questions on science tests. (from the internet)

-Water is composed of two gins, oxygen and hydrogen. Oxygen is pure gin. Hydrogen is gin and water.

-Nitrogen is not found in Ireland because it is not found in a free state.

-When you breathe, you inspire. When you do not breathe, you expire.

-Three kinds of blood vessels are arteries, vanes, and caterpillars.

-The moon is a planet just like the Earth, only it is even deader.

-The pistol of a flower is its only protection against insects.

-A fossil is an extinct animal. The older it is, the more extinct it is.

-The skeleton is what is left after the insides have been taken out and the outsides have been taken off. The purpose of the skeleton is so that there is something to hitch the meat to.

MWF Newsletter, Oct 2005

MINE SAFETY TRAINING

by John Washburn

As many of you are aware, we have been trying for quite some time to get a handle on the issue of mine safety training. First, I must explain that the eight-hour training some of you have had is not required by Federal Law for people entering quarries. What is required is a safety orientation by the owner/operator of a quarry for all persons entering, but not working in the quarry. Those entering a quarry, other than us rockhounds, would be service truck drivers, salesmen etc. However, some of you have discovered that if you tell a quarry owner/operator that you have had the eight-hour course and hold a current certificate that they are more likely, though not obliged, to let you enter to collect. So, there can be an advantage to having it.

One of the matters that has concerned us was the training that was being offered by a certain individual proclaiming to be the "one and only" trainer. Well, that is not the case. He has used the logo of both the AFMS and MWF on his training booklets and he has recently been advised to desist in this practice.

Now in order for you to get the proper and official training you need to visit the website listed below and contact one of the government officials listed. Also please read the message below...

There are additional complications to getting a Mine Safety and Health Administration (MSHA) safety and health training. In order for it to be valid, it must be done under a mine's MSHA training plan or through state agencies that are partly funded by MSHA's to assist with training programs.

For additional information you can review the materials on the section of MSHA's web site dealing with Part 46 (i.e. for quarries and sand & gravel pits) training:

<http://www.msha.gov/TRAINING/PART46/PT46TRAIN.HTM>

On that page there are lists of MSHA and state contacts for training:

For MSHA contact: Leland Payne

Address: MSHA/EF5

2300 Willow Street, Suite 200

Vincennes, IN 47591

Telephone: (812) 882-7617, Ext. 229

FAX: (812) 882-7622

Email Address: Payne.Leland@dol.gov

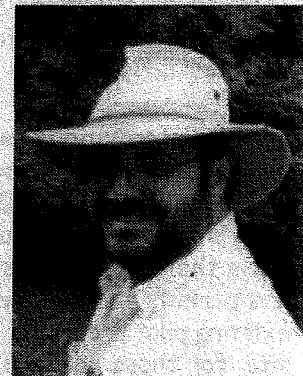
AFMS Newsletter, Oct 2005

HAVING FUN - JUNIOR ACTIVITIES

by Jim Brace-Thompson, Jr. Activities Chair

**CONGRATULATIONS TO ONE JUNIOR -
AND ENCOURAGING MANY MORE!**

This month, I offer congratulations to **Alaura Ann Barnes** of Kansas City, Missouri! Alaura prepared a juniors display for this year's Midwest/AFMS Show & Convention in St. Louis and won the Lillian Turner Award. Some time ago, AFMS member Lillian Turner of Bethesda, Maryland, generously donated funds to support an award for the Outstanding Junior who exhibits at the annual AFMS Show. The award consists of a certificate, a \$100 bond, and a mineral specimen. It is presented at the awards ceremony during the Show. Even more important than the monetary value is the honor and recognition of receiving this award and the pride it can engender in a junior member for a job well done in planning and assembling an excellent display.



Alaura is an adorable six-year-old girl who was accompanied at the ceremony by her grandmother. Her case was entitled "Quartz I Collected," and the exhibit included a picture of Alaura on a field trip hunting crystals in Arkansas. Along with the certificate and bond that comes with the Turner Award, she received a split geode lined with crystals to add to her collection. My thanks to Toby Cozens for facilitating the award in my absence this year, and my congratulations to Alaura!

Last year, we had no junior exhibits entered into eligibility for this award, and this year, Alaura's apparently was the only one. We need to do better, and I encourage everyone to make a concerted effort to work with kids and youth in your local clubs to encourage them to enter displays into your regional shows, whether competitive or noncompetitive. Planning, preparing, and setting up a display and then attending a show and seeing all the other displays and meeting with those who prepared them is a great way to expand a child's horizons, to meet new and interesting people who are most actively engaged in our hobby, and—as always—to have fun!

From Show-Me Rockhounds, August 2005

MARBLES

by Jud Milburn

Marbles are, without doubt, among the oldest--if not the oldest--play-thing in human culture. Clay and stone marbles are found in Indian graves all over America. The ancient Chinese worked agate and jade into marbles. Glass and clay marbles have been found in Egyptian tombs. The Romans introduced them into England.

In modern times the production of marbles centered during the 19th century in the Austrian Alps and Southern Germany; stone, agate, alabaster, onyx and glass were the common material used. Imitations in the U.S. and elsewhere followed. Hand methods of making marbles tended to disappear when marble machines were invented about 1900.

Chalk marbles were used by poor boys of the 18th and 19th centuries because they were cheap, being rough molded and dried. They are generally gray-white or yellow-white, made of compacted calcium carbonate with varying amounts of silica, feldspar, and/or other material impurities. The basic calcium carbonate is derived chiefly from fossil seashells. Blackboard chalk is made of refined calcium carbonate.

Clay marbles were very inexpensive and common in the 19th century. They are found in great numbers on civil War battlegrounds, lost by soldiers who whiled away spare time playing games with them. They were rough shaped from wet clay, mostly hydrated silica of aluminum, and fired in kilns; some were left in natural colors, and others were dyed solid, mottled, spotted or marked with lines. Ohio was one center of their production.

Stone marbles were made in great numbers in the German provinces of Saxony and Thuringen in the 19th century. They were rounded mechanically by being rubbed between larger heavy plates of stone and wood. The common stone material was quarried out of local deposits of calcareous limestone. Most of them show the layers of sedimentary deposits.

Agates are among the most beautiful of marbles, showing solid or banded colors of red, brown, white, and green chalcedony. This semi-precious material is fine grained and takes a high polish. Some agates, depending on the luck of the cut, show white or yellow spots at one or both ends. These were called "bull's eye". They were made mostly in Germany.

Like all "earth" marbles, pottery marbles or Benningtons were crude and irregular. They are distinguished by small "eyes" over their surfaces caused by bubbles forming on the colored glaze of brown, blue, green, or mottled. The marble base is clay, mostly hydrated silicate of aluminum. They were thought to be made by the Bennington Pottery Co., but most of them were made in Germany in the 19th century. They are being reproduced today. They were known as "Bennies".

China marbles are made of mostly porcelain or pure white clay, the material of which fine dishes, cups and saucers were made, hence, the name "china". China marbles are found in several forms; unglazed marked, glazed plain, and glazed marked. The various marks were hand painted--series of lines or parallel bands in colors of black, blue, red, or green, bull's eyes, and floral designs. They were often called "chinas" and were made in the last century.

Swirls, among the most beautiful marbles, were hand-blown glass and have a pontil at both ends. The large ones were not for boys' games, but for decoration. Most of them were made in Germany. The glass consists of silicon dioxide, boric oxide, aluminum oxide, etc.. Each marble was originally a segment of glass cane which had been built up of colored rods embedded in clear or colored glass, one end of the cane was heated, one segment twisted in a spherical shape, then broken off. The pontils were ground down when the marble had cooled.

Sulphides are unusual marbles made in Germany between 1860 and 1920. They are of clear glass with a center figure made of china, clay, gypsum, kaolin, or similar material. The white figure is surrounded by air, which gives it a silvery appearance.

The first glass marble made by machines competed with the attractive agates and were called "imitation agates" or acro agates. The colors were dark red, brown, green, blue, and purple mixed with small streaks of white. There were also plain white mixed with clear glass. These first appeared in the 1890's.

Milk glass was a popular substance for Victorian bowls, water glasses, kerosene lamps, etc., so it is not surprising that it was used for marbles. Milk glass is an opaque or translucent white glass made from silicon dioxide or boric dioxide mixed with stannic oxide. They are still manufactured but the ones shown in the exhibit (at Stillwater, OK, Public Library in 1982-Ed.) are 50 to 100 years old.

Opalescent glass marbles are a refinement of milk glass. These marbles are trans-opals. They come in various colors, mostly varying intensities of white. In the exhibit you will notice the red glow in the shadow of each marble under light.

2005 ELECTED OFFICERS

President	James Marburger	332 Locust	Hickman, NE	68372 (402)	792-2348
1 st Vice Pres.	Pat Akins, Jr.	5017 N. 6 th St.	Lincoln, NE	68521	477-1322
2 nd Vice Pres.	Roger Pittard	1013 Road K	Geneva, NE	68361 (402)	759-4623
Treasurer	Vera Lyman	420 N. 56th St.	Lincoln, NE	68504	464-6089
Secretary	Sharon Marburger	332 Locust	Hickman, NE	68372 (402)	792-2348
Board Member	James Atkins	3028 S. 35th St.	Lincoln, NE	68506	483-1610
Board Member	John Harrison	330 Locust	Hickman, NE	68372 (402)	792-2337
Board Member	Judy Reilly	4050 Worthington Ave	Lincoln, NE	68502	421-3064
Board Member	Charles Wooldridge	10305 202 nd St.	Greenwood, NE	68366 (402)	789-8100

Nominating Committee

3 years	Susan Esquivel
	John E. Harrison
2 years	Mary Pittard
	Phyllis Parks
1 year	Vera M. Lyman
	Edward Ridge

Chairman: Immediate Past-President Susan McMahan

Long-Range Planning & By-Laws Committee

3 years	Daniel Dexter-Guy
	Phyllis Parks
2 years	Susan Taylor
	Edward Ridge
1 year	Vera M. Lyman
	Roger K. Pabian

Standing Committees

Education / Librarian:	Roger Pabian	MWF Liaison:	Vera Lyman
Field Trips:	Pat Akins, Coordinator	Scholarship:	Vera Lyman
Historian:	Sharon Marburger	Christmas Party:	Edward Ridge
Membership Record:	Edward Ridge	2005 Show:	John E. Harrison
Programs:	David Heffelbower	2006 Show:	Pat Akins, Jr.
Property:	Pat Akins, Jr. & James Marburger	2005 Swap:	Roger Pittard
Youth Activities:	New Committee in Place	2006 Swap:	David Heffelbower
Refreshments/Door Prizes:	Judy Reilly		
Housing Committee:	Susy McMahan, Pat Akins, Charles Wooldridge & Vera Lyman		
Auditing Committee:	John Harrison, Roger Pabian & James Marburger		
Geology Day Coordinator:	2nd Vice President Roger Pittard		

L. G. M. C. web address—courtesy of Jim Atkins:

<http://incolor.inetnebr.com/jna/gemclub/lgmc.htm>

Your PICK & SHOVEL Staff

Publisher:	Lincoln Gem & Mineral Club, Inc., P.O. Box 5342, Lincoln, NE 68505-0342		
Editor:	Judy Reilly	421-3064	
	4050 Worthington Ave., Lincoln, NE 68502		
	Email: jshannonreilly@aol.com		
Circulation:	Phyllis N. Parks	476-6798	
Business Reporter:	Vera Lyman	464-6089	
News Reporters:	All Club Members		

The *PICK & SHOVEL* is the official publication of the Lincoln Gem & Mineral Club, Lincoln, Nebraska. Articles and items appearing within may be reproduced in other club bulletins, provided proper credit is given to the *PICK & SHOVEL* and the author and that a reprint of the bulletin is sent to the editor of the *PICK & SHOVEL*.

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, especially to youth and student groups.

J. J. & L. ROCKS and MINERALS

COME SEE US FOR YOUR ROUGH NEED'S

GEMS - CABS - SLABS - MOUNTINGS
STERLING SILVER - GOLD FILLED - 14K GOLD
SILVER SUPPLIES - TOOLS - MACHINERY - NEW AND USED
CUSTOM SERVICES FOR SLABS, FLAT LAPPING, AND CABOCHONS

STARTING OUR 30th YEAR

330 LOCUST
HICKMAN, NE 68372-0068

PHONE
402-792-2337

"PROVIDING SUPPLIES FOR THE NOVICE TO THE DISCRIMINATING ROCKHOUND"
Please Call for Appointment

LINCOLN GEM & MINERAL CLUB

hosts our

48th Annual Show
at

PERSHING CENTER
226 Centennial Mall South

*** March 25-26, 2006 ***

Show Chairman

Pat Akins, Jr.

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 ½ 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 is \$10.00 per year mailed.

Dues to Lincoln Gem & Mineral Club are as follows:

Adults (age 16 and over) \$10 per year Juniors (age 12 to 16) \$2 per year

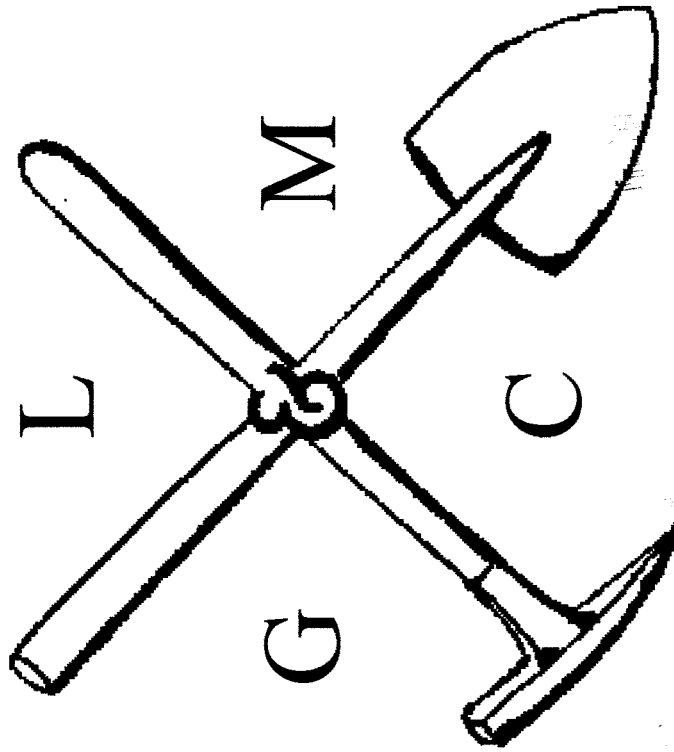
Family Membership (Couple, resident children under age 16) \$22 per year

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 registration fee.

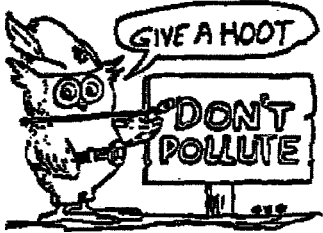
Meetings: Fourth Thursday, Sept. through May except December & January to be announced. Held at Antelope Park Indoor Shelter, near 30th and Sumner, next to the Veterans Memorial and the children's playground.

THE PICK & SHOVEL

October 2005



OFFICIAL PUBLICATION OF
LINCOLN GEM & MINERAL CLUB
LINCOLN, NEBRASKA



Mail Exchange Bulletins To:

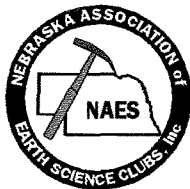
Lincoln Gem & Mineral Club
Box 5342
Lincoln, Nebraska 68505-0342



H. E. L. P.

Help Eliminate Litter Please

Associated with



Edward Ridge
2507 A St.
Lincoln, NE 68502

