

PICK & SHOVEL



Lincoln Gem & Mineral Club Lincoln, Nebraska
www.lincolngemmineralclub.org

BOARD MEETINGS

All Board meetings are held at 6:30 p.m. at Gere Library, meeting room 1, unless otherwise noted.

August 25, 2010

October 6, 2010

November 3, 2010

December 1, 2010

GENERAL MEETINGS / ACTIVITIES

All activities are held at 7:00 p.m. at the Bethany Park Shelter, unless otherwise noted.

July 11, 2010

Grinding Party (Pioneer Park Nature Center)

September 16, 2010

October 21, 2010

November 18, 2010

December 12, 2010
Christmas Party

PRESIDENT'S MESSAGE

Greetings fellow Rock Hounds!!!

I hope everyone is enjoying their summer. I am sorry that I was unable to attend the last grinding party at the Pittards'. I was camping at Merritt Reservoir. I am sure everyone had a productive and fun time getting all our new cases finished.



The next grinding party will be July 11 at the Chet Ager Nature Center in Pioneers Park. We will gather at noon in the old center down in the woods. Bring something to demonstrate to children and their families. Faceting, capping, sawing, tumbling, collecting, whatever you would like to show and talk about are all acceptable. It is a lot of fun for all. We generally have quite a few come through in an afternoon. Remember to bring a covered dish or two as we plan to have a picnic in the park following the Grinding Party. Please make sure your cold dishes stay cold - we don't want anyone to get sick!

Jim and Sharon Marburger have offered to host a grinding party at their home in Hickman on August 21st. There will be more information in next month's Pick & Shovel. The grinding parties have been a big addition to our usual club activities. Thank you for all who have volunteered to host one. It is appreciated by us all.

August 28-29 is the next Midwest Federation Show and Convention in Peoria, Illinois. Lets see if some of us can carpool. It looks to be a good show.

I would like us to think about having meetings year round. Let me know your thoughts. Enjoy Summer...see you soon....Wooly.

REFRESHMENTS SCHEDULE

Sep. 16:	Bar cookies	Jayne Beer Stella Thiessen
Oct. 21:	2 pies each	Charles Wooldridge G & A Ford
Nov. 18:	2-3 doz. Cookies ea.	Karen Messenger Shirley Rockel
Dec. 12:	Christmas Party—Potluck Supper	

SPECIAL ANNOUNCEMENTS

Long-time member Phyllis Parks celebrated her 90th birthday on June 10. Family and friends gathered at Mahoney State Park on June 15 to share memories and food with Phyllis. Everyone is rumored to have had a good time.



Judy Reilly and Ed Ridge share a moment with Phyllis at her birthday celebration.

Photo courtesy of the Crawford/Parks family.

SUNSHINE

If you have any news for our SUNSHINE corner, please let the editor know.

A belated happy birthday to Phyllis Parks!

Herb Quigley, a member of the Omaha club, passed away June 7, while visiting his daughter in Minneapolis.

UPDATES TO WHO'S WHO

Addresses, phone numbers, and other contact information may be obtained from Secretary Marburger or Treasurer Lyman.

REGIONAL SHOWS / ACTIVITIES

JULY

11: Lincoln, NE. Lincoln Gem & Mineral Club, Inc.'s Grinding Party, Pioneer Park Nature Ctr., W. Van Dorn & Coddington; Sun. 1-4; CONTACT: Club email jna@inetnebr.com.

17-18: Moose Lake, MN. Carlton Co. Gem & Mineral Club's Annual Agate Days; Moose Lake High School, 413 Birch Ave.; Sat. 9-5; Sun. 9-4; CONTACT: Kent Schul, 1417 W. 1st St. #4, Duluth, MN, (218) 341-6110.

AUGUST

27-29: Peoria, IL. Peoria Academy of Sciences, Geology Division and Geodeland Earth Science Clubs, Inc. Show in conjunction with the Midwest Federation Annual Convention and Show; Grand Hotel, 4400 N. Brandywine Dr., Peoria, IL 61614; Sat. 9-5, Sun. 10-5; CONTACT: Jim Travis (309) 645-3609 or Dave Hoggatt (309) 745-3373.

28-29: Mountain Home, AR. Ozark Earth Science Gem, Mineral & Fossil Club's Annual Show; Van Matre Senior Center, 1101 Spring St.; Sat. 10-6, Sun. 10-4; CONTACT: Brenda Johnson, 1424 County Rd. 18, (870) 481-5697, bdwj-57@hotmail.com.

SEPTEMBER

17-19: Lincoln, MO. Mozarkite Society of Lincoln, Inc.'s 51st Annual Show & Swap; Lincoln City Park, Shelter House; Fri. 8-5, Sat. 8-5, Sun. 8-5; Contact: Ted Bolich, 1201 S. 7th Street, Clinton, MO 64735, (660) 890-4983.



PETE'S NOTES

By Richard Peterson

The American Lands Access Association (ALAA), which serves as a lobby for the AFMS, has formed a working relationship with the Blue Ribbon Coalition (BRC). The BRC is dedicated “to preserving responsible recreational access to public lands and waters. We want to keep your land open for use, whether you recreate on a mountain bike, snowmobile, motorcycle, personal water craft, ATV, four-wheeler, horse or your hiking boots.” How do you feel about this alliance with the AFMS? Do you think the goals of the ALAA and BRC are constructive? Check out the BRC website or the ALAA website at <http://www.amlands.org>.

One of the ALAA's early lobbying efforts resulted in slowing, but not stopping, the 2009 passage of the Paleontological Resources Protection Act (PRPA). The ALAA was against the legislation, however the Society of Vertebrate Paleontology (SVP) supported the act which further protected paleontological resources.

The legislation requires that vertebrate fossils and other rare and scientifically significant fossils be collected only by qualified researchers who obtain a permit. Those obtaining a permit must agree to deposit the fossils in public institutions. The PRPA ensures that amateurs can continue to pursue their hobby of collecting common plant and invertebrate fossils on Bureau of Land Management and Forest Service Lands. The SVP believes there has been an abundance of misinformation regarding the act. They note that the PRPA does NOT:

1. affect Private Lands or Indian Land in anyway;
2. prosecute anyone for misidentifying a fossil unless it is made in a knowingly criminal violation of the PRPA;
3. interfere with rock collecting;
4. restrict access to those who do not have a Ph.D.;
5. interfere with mining on federal land; or
6. create restrictions for public land access.

For more information on the benefits of the PRPA, see the SVP website at <http://www.vertpaleo.org>.

EDITOR'S NOTE:
LGMC is a member of ALAA.

HELPFUL TIP:

Plants and critters you meet along the way: The large majority of plants and animals you encounter are not life threatening. They are part of the rich fabric of the outdoor experience. Animals are usually more afraid of you and will go the other way, or watch you from hiding. What you encounter in Nebraska will depend on where you collect.

The plant world is full of prickly things, everything from sand and cockle burrs (both at their prickliest in the fall after they have dried), to a variety of thistles, stinging nettles, and of course, poison-ivy. You MUST remember the warning, “three leaves, let it be”. This plant can grow up to six feet, although the 1-2 foot variety is what most of us encounter. No matter how protected you are with shoes, socks, and long pants, poison-ivy can find you. (As an aside, poison-ivy is very closely related to the cashew nut. Cashews are poisonous if eaten raw, but roasting destroys the deadly hydrogen cyanide.)

Plants are a nuisance at most. They shouldn't spoil the day, but could be irritating after you return home. Those pricks you felt in the field could fester later and tempt you to scratch. Calamine lotion should alleviate the urge.

Coyote, fox, feral dogs, and even farm and ranch dogs could be a threat, but these will more likely be heard. Then there are the deer, rabbit, raccoon, beaver, river otter, and the sounds of bull frogs and fish surfacing to feed. Most of these you will only recognize as tracks in the mud or sand, or by the sound of a slapping tail. Overhead, in shallow water, or from footprints left on shore are the Canada geese, heron, egrets, or perhaps a kingfisher watching from a tree perch. Animals to avoid are venomous snakes. More on Nebraska's venomous snakes in a future *Pete's Notes*.

Last month's answer is,
“What is BARITE?”

AND THE WORD IS ...?

This mineral's name is probably from the Latin meaning “thorn”, in reference to its sharply pointed crystals. The magnesium in this mineral may be replaced by varying amounts of iron, zinc, or manganese, forming a series of related but separately named minerals.

GENERAL MEETING MINUTES

No business meetings in June, July, or August.

BOARD MEETING MINUTES

No business meetings in June, July, or August.

JUNE ROCK GRINDING PARTY (AKA PAINTING PARTY!)

by Roger Pittard

On June 19th, eleven adventurous club members headed west from the Lincoln and Dorchester areas to join in the June Rock Grinding Party at the Pittards' farm near Geneva. The weather proved nearly perfect for the job of the day, which was to apply a coat of varnish on the new Club display cases. The first arrivals appeared a little after 1:00 p.m., ready to get to work. Attending members were Charlie and Karen Messenger, Richard Peterson, Rowdy and Judy Cropp, Kathleen Medcalf, Andrew Tiedje, Edward Ridge, Ed Dvorak, Roger Pabian, Linda Guenter, and Roger and Mary Pittard.

The work involved unloading the cases from the trailer and removing them from their boxes. The cases were then placed on sawhorse "tables" to prepare them for painting, which included masking all the glass panes. From there, it was on to the painting table. The cases were then placed in the drying station where there was ample sunshine and a good breeze.

We want to give a big thank you to all participants for a job well done!! A special thanks to Rowdy Cropp and Ed Dvorak for being the "Gunners" of the day—spray painting guns, that is!

By 4:30 it was apparent the painting was about done, so a wiener roasting and marshmallow (burning?) toasting bonfire was lighted and the many covered dishes were brought to the table. About this time, two of the Pittards' friends from Geneva arrived, J.R. Stewart and Pat Mitchell, and they "just happened" to have their banjo and guitar with them. Following the scrumptious evening meal, Roger Pittard and his guitar joined J.R. and Pat for a group sing-along, and what great participation there was!!

A couple rumbles of thunder along with a few raindrops caused a mad scramble to get the cases re-boxed and back into the trailer, and the boys' instruments back in their cases. All in all, a very productive day - and a fun one, too!! See you next month!



Photos courtesy of Roger Pittard



NATIONAL FOSSIL DAY

The National Park Service and the American Geological Institute are partnering to host the first National Fossil Day on October 13, 2010 during Earth Science Week (www.earthsciweek.org). National Fossil Day is a celebration organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of fossils' scientific and educational value.

More than 228 parks managed by the National Park Service contain fossil resources. Fossils discovered on the nation's public lands preserve ancient life from all major eras of Earth's history, and from every major group of animals and plants. In the national parks, for example, fossils range from primitive algae found high in the mountains of Glacier National Park, Montana, to the remains of ice age animals found in caves at Grand Canyon National Park, Arizona. Public lands provide visitors with opportunities to interpret fossils' ecological context by observing fossils in the same place those animals and plants lived millions of years ago.

National Fossil Day activities will also highlight fossil fuels to correlate with this year's Earth Science Week theme, "Exploring Energy" (<http://www.earthsciweek.org/>).

National Fossil Day is being promoted through partnerships with professional organizations, government agencies, and other groups. Supporters include the Arizona Museum of Natural History, the Association of American State Geologists, the International Palaeontological Association, the Museum of Western Colorado, National Association

of Geoscience Teachers, National Earth Science Teachers Association (NESTA), National Park Foundation, National Parks Conservation Association, Palaeontological Association, Paleontological Research Institution (PRI), Utah Friends of Paleontology, and Utah Geological Survey. Representatives from NESTA and PRI are also assisting with planning.

On October 13, paleontologists and park rangers will share fossil discoveries at special events nationwide and explain the importance of preserving fossils where they are found, so that everyone can share a sense of discovery!

Learn more about outreach activities or becoming a National Fossil Day partner at: <http://nature.nps.gov/geology/nationalfossilday/> or send a message to National_Fossil_Day@nps.gov. Join in the celebration today!

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Paleontological Research Institution and its Museum
of the Earth
1259 Trumansburg Road
Ithaca, NY 14850
voice: 607-273-6623 x18
FAX: 607-273-6620
www.museumoftheearth.org

The foregoing article was found to be of interest and subsequently submitted to the P&S editor by Roger Pabian.

J J & L Rocks & Minerals

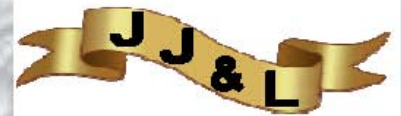
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BUILDING OUR YOUTH GROUP

By Sharon Marburger

The *A.F.M.S. Newsletter* is running a series of articles by Juniors Activity Chair, Jim Brace-Thompson, on how to start and maintain a youth group within a club. Below are some suggestions that LGMC can try. Most of the following is quoted from Mr. Brace-Thompson's articles, but I have tried to personalize it to some degree, to fit LGMC's needs.

- Encourage each child's parents to network with friends who have kids and bring their friends along to the next meeting. Just make sure you have something exciting for the kids at that meeting, along with rock, mineral, or fossil prizes, posters, or activity sheets for them to walk home with.
- Have informational handouts about LGMC and its kids activities readily available at the juniors' booth at the show, along with sign-up sheets for parents interested in more info—and have a club member follow up immediately after the show to invite them to our very next meeting, workshop, or other event.
- When publicizing the next meeting or activity in the newspaper, include a line on a highlighted kids' activity for the night.
- At every club meeting and at every club event, make sure time is devoted to kids, with an activity, a rock give-away, a show-and-tell, or anything else that tells them they, too, have a place in our club.
- Have a page in LGMC's website devoted to highlighting youth activities, and perhaps providing a profile of our "Junior Member of the Month" or "Junior of the Year."
- Create a Kids Club flyer that can be distributed at the show, at club meetings, and spread around the community—at the library, in schools, at Boys and Girls Clubs, at the YMCA, and elsewhere.

The next part of Mr. Brace-Thompson's series is a six-step program for building a strong youth group.

1. Enlist a kids' "champion". Mr. Brace-Thompson has observed that clubs that have successfully maintained a strong, vibrant, and sustained kids

program have had a central club member who has stepped forward to champion it. A leader who commits to the program and follows through with consistency and enthusiasm is essential. Stella Thiessen has volunteered to be this person for LGMC.

2. Capitalize on our existing pool of talent. It's hard to find someone who knows everything about our hobby, but LGMC has an amazingly diverse storehouse of individual knowledge. One person loves fossils, another is an expert cab crafter, another has an amazing mineral collection, another knows a lot about meteorites, and there are those who are experts in a variety of other hobby-related subjects. Gathering commitments from individuals within the club to help with a presentation or activity at each meeting should be simple. It takes only 9 volunteers a year to achieve this for LGMC. Although a central champion is needed to lead the program, a club commitment is necessary for this endeavor to succeed. **This is not the project of any one individual.**
3. Plan before you start. How will activities be organized? We should have procedures spelled out, and they should be more-or-less consistent from meeting-to-meeting so expectations are clear for everyone involved and to create a familiar sense of rhythm for the kids. Ideas include choosing to devote 10-20 minutes of our usual club meeting to a Pebble Pup Presentation; or we could have a monthly activity at a member's home just for kids. In addition to planning the structure of a typical meeting, ideally, the entire first year's calendar should be planned in advance, gathering commitments from club members to take on specific months. Publicize the schedule in the Pick & Shovel, the local free ads, and elsewhere so everyone knows what's coming. This way, appropriate preparations can be made well in advance rather than moving from meeting to meeting in a last-minute rush to find a new topic, activity, or speaker.
4. Center meetings around an activity. Most adult meetings are centered around a lecture or

BUILDING OUR YOUTH GROUP - CONTINUED

presentation, and during these, you'll observe kids sleeping or not paying attention. The best way to channel kids' curiosity and energy is through hands-on activities. There should be a brief presentation to set the stage, but the bulk of the meeting should be activity-oriented. For instance, in introducing fossils, you very briefly should give kids the utmost basics on what a fossil is and on the fossilization process and then move quickly to sturdy specimens kids can see and touch and pass around, perhaps with a couple large-format picture books and dinosaur models as illustrations. Then move on to the main event: an activity making clay and plaster casts so kids can walk away with their very own plaster fossil at the end of the night. Get kids learning by doing, and they'll want to come back for more.

5. Reward kids with something tangible after each meeting. Kids like to collect, so one goal should be to help them build a basic collection. In addition to whatever they may end up with from the activity session of each meeting (like the fossil cast described above), you might also open or close each meeting with a raffle where every kid is a winner. Spread out a selection of rocks, minerals, and fossils, and give each child a single raffle ticket and let them pick from the selection when their numbers are called. (Encourage adult members, when going on field trips, to stockpile and bring home a supply of whatever they're seeking—whether quartz crystals, fossil shark teeth, agates, or barite roses—for the kids.) Yet another idea is to hand out gold stars or stickers at the conclusion of any activity or club meeting.

Once a child has earned 3 or 4 stars or stickers, he/she can trade them in for a mineral or fossil. Whatever route chosen, label specimens with info on what they are and where they came from to begin teaching kids the basics of documenting their collections to add both personal and scientific value. Finally, you can also use the AFMS Future Rockhounds of America Badge Program to work with kids toward earning badges in the various areas of our hobby or Diamond Dan Earth Digger Clubs activity patches to sew onto club vests or sashes.

6. Involve parents. A youth program is not a babysitting service. Kids have a lot of energy, and parents should be expected to help channel that energy in positive, productive directions and to lend their support. The larger the youth group, the more important it is that a number of adults are on hand to provide individual attention and to prevent the inevitable tendency toward chaos. It is very important to have youth leaders who are well known by everyone in the club and to have multiple adults on hand when working with kids. We need to ensure a safe, secure, and wholesome environment free from child predators. The safety of our youth is of primary importance. Finally, getting parents involved in running activities will help in cultivating future youth leaders, thus avoiding the problem of burn-out if a single individual is asked to run the youth program year after year.

Above all else, let's make it fun!

2010 CFMS / AFMS SHOW AND CONVENTION

by Sharon Marburger

Jim and I left Hickman after work on June 15 to drive to Kansas City for a restful night before embarking on the flight that would take us to the wilds of Southern California. We arrived at Los Angeles International Airport around 9:30 a.m. on June 16. We spent three days visiting the kids and grandkids; took a tour of the Covington lapidary equipment manufacturing facility; attended the gem and mineral show; enjoyed a Mexican themed awards banquet;

swapped stories with fellow editors at the Editors' Breakfast; sat in on a portion of the ALAA meeting; and managed to find time to participate in one of the planned field trips. We met lots of people whose names we have heard and with whom we have exchanged correspondence.

The show was quite nice. There were approximately 25 dealers with a nice array of goods and an estimated 60 or so display cases - most of which were competition cases.

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2010 CFMS / AFMS SHOW AND CONVENTION - CONTINUED



Although I am not a beading fan, this piece was my favorite in the entire show. The amount of intricate detail absolutely awes and amazes me. I do not know who created the piece but I hope they don't mind that I have published my admiration!

The Awards Banquet was held at the La Habra Community Center on Saturday evening. It was a festive activity with delicious food: chips & salsa; tacos; enchiladas; chile rellenos; rice; beans; and a stew of some sort. The only drawback to this meal was that it was apparently over-sold, so those of us from the last three tables to go through the buffet line did not get any tacos or enchiladas. Awards were handed out for the various competitions. LGMC was once again awarded a silver medal, at the AFMS level, for its All American Club yearbook.

The Editors' Breakfast was held at the host hotel. The hotel provided a scrumptious meal of the usual fare - scrambled eggs, bacon, sausage, etc. LGMC's editor (yours truly) was honored with a 7th place award in the category of "New Editors".



Jim and I hit the road early Monday morning to take the two-hour drive to the Oceanview Mine, where

we were to meet up with other collectors. We were required to be on location between 10:30 - 10:45, as the area is open only by invitation. At the site, the group received instruction on how to hunt for specimens, then each person was assigned a workstation, complete with a bucket for filling with the mine tailings, two sizes of screens for sieving, and a tub of water for rinsing the finds. Material found at



this location include morganite, kunzite, goshenite, tourmaline, beryl, aquamarine, terminated quartz, feldspar, mica books, apatite, lepidolite, and albite.



Our notable finds included several pieces of different colored tourmaline, Jim found a kunzite and a morganite, and we both found some nice quartz crystals. We collected about 15 pounds of a variety of material. I would have gladly brought more home, but our suitcase was getting pretty heavy!



PEBBLE PUPS



Hello Pups! No puzzle this month. Instead, why don't you organize the rock and mineral specimens you own? The last chapter of Rachel Barker's article on *Collecting Rocks*, below, has a couple of suggestions to help you.

COLLECTING ROCKS - PART 4

Excerpt taken from an article written by Rachel M. Barker, U.S.G.S.

Starting a Collection

A good rock collection consists of selected, representative, properly labeled specimens. The collection can be as large or as small as its owner wishes. An active collection constantly improves as specimens are added or as poor specimens are replaced by better ones. A rock collection might begin with stones picked up from the ground near your home. These stones may have limited variety and can be replaced later by better specimens. Nevertheless, this first step is helpful in training the eye to see diagnostic features of rocks (features by which the rocks can be differentiated). As you become more familiar with collecting methods and with geology, the collection will probably take one of two directions. You may try either to collect as many different types of igneous, sedimentary, and metamorphic rocks as possible or to collect all the related kinds of rocks from your own particular area.

Identifying Rocks

Many books about geology explain the identification and classification of rocks and describe the underlying geologic

principles. Almost any recent general book on geology would help a rock collector. Geologic maps, which are useful guides for collecting, are also excellent identification aids. They show the distribution and extent of particular rock types or groups of rock types. Depending on size and scale, the maps may cover large or small areas. Most have brief descriptions of the rock types. Some are issued as separate publications; others are included in books.

Most geologic maps are issued by public or private scientific agencies. The most prolific publisher of geologic maps in the United States is the U.S. Geological Survey (USGS). "Geologic and Water-Supply Reports and Maps, (State)," a series of booklets published by the USGS, provides a ready reference to these publications for 13 states. The booklets also list libraries in the subject State where USGS reports and maps may be consulted. These booklets are available for less than \$5.00 and may be obtained from:

*USGS Information Services
Box 25286
Denver, CO 80225*

ADVERTISEMENTS

FOR SALE

USED FAC-ETTE FACETING MACHINE
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- New stainless steel dop spindle with collet
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- 60 grit 8" diamond lap, used
- 260 grit 8" diamond lap, used
- 1200 grit 8" diamond lap, used
- 3000 grit 8" diamond lap, used
- Corian 8" lap, new
- Phenoloc 8" lap, used
- Ceramic 8" lap, used
- MDR # 27 8" lap, used
- DYNA disc adaptor
- 170-200 grit DYNA disc 8", used
- 600 grit DYNA disc 8", used
- 1200 grit DYNA disc 8", used
- 3000 grit DYNA disc 8", used
- Misc used Spectra 6" & 8" discs
- Silicon carbide 6" discs
- 6" diamond saw blade & adaptor
- Butane torch
- Manual

All laps are dynamically balanced. New price of all is over \$6,700. Asking \$1,500 or reasonable offer. Money back guarantee.

Equipment will be available in Juniata until the middle of August.

Contact Charles Reece at 402-490-9833 or
toolmaker3rd@starband.net.

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- 8" master lap
- 260 grit 8" diamond lap, used
- 1200 grit 8" diamond lap, used
- 3000 grit 8" diamond lap, used
- DYNA disc adaptor
- 170-200 grit 8" DYNA disc, used
- 600 grit 8" DYNA disc, used
- 1600 grit 8" DYNA disc, used
- Phenoloc 8" lap, used
- Lucite 8" lap, new
- Corian 8" lap, new
- Ceramic 8" lap, used
- Misc. 6" Silicon carbide discs
- Misc. used 8" Spectra discs
- Transfer fixture
- 6" diamond saw blade & adaptor
- Butane torch; Dust Cover; Instructional Videos; Manual; Graves Preform Roller Attachment

All laps are dynamically balanced. New price of all is over \$5,700. Asking \$1,400 or reasonable offer. Money back guarantee.

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Contact Charles Reece at 402-490-9833 or
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LONG RANGE PLANNING & BY-LAWS COMMITTEE

1 year Vera Lyman
 Roger Pabian

2 years Edward Ridge
 Robert Cropp

3 years Charles Wooldridge
 Phyllis Parks



Would you like to have your Pick & Shovel in color? It is available in full color on the club's website
www.lincolngemmineralclub.org
You may also request to receive the P&S via e-mail. Just send your e-mail address to the editor at lmgsecretary@yahoo.com.

NOMINATING COMMITTEE

3 years Robert Cropp
 Judy Cropp

2 years Vera Lyman
 Edward Ridge

1 year John Harrison
 Aulden Stewart

Advertising by rock / hobby business or interest is permitted with the approval of the Board of Directors. The rate is 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 (minimum) per issue, paid in advance. Ads will be placed throughout the newsletter as space permits.

Subscription to the Pick & Shovel is \$10.00 per year for mailed copy.

Membership dues for the Lincoln Gem & Mineral Club are as follows:

Adults (age 16 and over) - \$10 per year
 Juniors (age 12-16) - \$2 per year (with a responsible adult)
 Couples - \$20
 Family membership (with children under age 12 years) - \$22 per year

Applications for new membership must be approved by the Board of Directors after applicant attends at least one meeting of the Club. Dues will be payable to the Treasurer following Board approval, with an additional, one-time \$5 registration fee.

Mail Exchange Newsletters to:
Lincoln Gem & Mineral Club, Inc.
P.O. Box 5342
Lincoln, NE 68505-0342
Or e-mail newsletters to:
lgmcsecretary@yahoo.com

PICK & SHOVEL

LGMC web address courtesy of James Atkins.
<http://www.lincolngemmineralclub.org>

Your PICK & SHOVEL staff:

Publisher: Lincoln Gem & Mineral Club, Inc., P.O. Box 5342, Lincoln, Nebraska 68505-0342

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Circulation: Vera Lyman, 402-464-6089

News Reporters: All Members

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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, especially to youth and student groups.

