



PICK & SHOVEL

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



Volume 54, Issue 4
December 2011

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Board Member

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UPCOMING EVENTS

Regular monthly meetings are held at 7:00 p.m. at the Bethany Park Shelter House on the third Thursday of the month: Sep., Oct., Nov., Feb., Mar., Apr., and May; the first Sunday in December; and the fourth Saturday in January. Youth activities begin at 6:30 p.m. on the same dates. Summer meetings and other activities will be announced as they are planned.

Calendar of 2011 Meeting Dates

<u>Board</u>	<u>General</u>
Nov 30 (Dec)	Dec 4

Monthly Rock Party

December 10, 2011
5:00 p.m.

Jim & Sharon Marburger, Hosts
Details on page 2.

December General Meeting

Christmas Party
December 4, 2011
5:00 p.m.

Potluck Supper - Club will furnish fried chicken and beverages. Members bring two side dishes (hot & cold)
Rock Bingo
Gift Exchange
See details in Minutes on p. 4.

Merry Christmas!

Mid-Winter Rock Swap

January 28, 2012, 1:00 - 5:00 p.m.
Bethany Park Shelter House

Pizza Supper at 5:45 p.m.

General Meeting follows at 7:00 p.m.
No Mineral Monkey activity planned.

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.

PRESIDENT'S MESSAGE

by Richard Peterson

Another year is almost over, which only confirms that time does fly when you're enjoying the hobby you love.



Our December meeting is a time to celebrate the season. Your club will provide the chicken, we ask that you bring two sides (and your appetite) and be ready to win some nice ROCK BINGO prizes. We'll need your help with the prizes, so bring some nice items to donate. See you there.

Don't forget, we have our 33rd Annual Rock Swap & Sale coming up in January. Let's all chip in and make our mid-winter club event a success.

Merry Christmas and Happy Holidays!



Rock Party December 10, 2011 5:00 p.m.

at the Marburgers
334 Locust, Hickman
Hosts providing
ham, coffee, & tea
Bring your projects and portable equipment.
We will also review slides from the estate
of Roger Pabian to determine if any would
be useful to create new programs.

SCIENTIST SUNDAYS

Sunday with a Scientist UNL: Morrill Hall Program Schedule

December 18: Minerals & Gemstones

LGMC has been asked to provide lapidary demonstrations at the Minerals & Gemstones program on Dec. 18, 1:30 - 4:30. This will be similar to the July Grinding Party. Let's have a great turnout to this event!

REFRESHMENTS SCHEDULE

Mary Pittard will be asking for volunteers to bring snacks for the 2012 General meetings. Be ready with a month and your choice of snacks. No extra snacks are needed for the January meeting as, traditionally, the pizza supper occurs following the Mid-Winter Swap. However, if you would like to bring snacks for the Swap, please feel free to do so.

ELECTION RESULTS

Your 2012 Officers and Board members are:

- President: Richard Peterson
- First-Vice: Ed Dvorak
- Second-Vice: Aulden Stewart
- Treasurer: Vera Lyman
- Secretary: Sharon Marburger
- Board Members: Robert Cropp
Jim Marburger
Ed Ridge
Charles Wooldridge

BENCH TIPS BY BRAD SMITH

DEPTH GAUGE FOR DRILLING

Sometimes you need to drill a number of holes all to the same depth. One quick and easy way to do this is to wind some tape around the drill bit so that the tape just touches the part surface when the hole is deep enough. You can do this either by measuring from the tip of the drill to the tape or by drilling one hole correctly, leaving the bit in the hole, and wrapping tape around the bit at the surface level.

CUTTING A BOLT

Whenever you have to cut a threaded bolt shorter, it's always difficult to get the nut to thread back onto it. And the smaller the bolt, the more difficult this is. The problem is easily solved by screwing a nut onto the bolt before cutting it.

So here's how I do it. Screw a nut onto the bolt, grip the bolt by the piece to be sawed off, saw the bolt to the desired length, taper the end with sandpaper or file, and unscrew the nut from the bolt. Unscrewing the nut over the freshly cut end of the bolt straightens out any damage to the threads. Gripping the bolt by the piece to be sawed off localizes any crushing damage to the piece you're throwing away.

More BenchTips by Brad Smith are at
groups.yahoo.com/group/BenchTips/
 or
[facebook.com/BenchTips](https://www.facebook.com/BenchTips)

LOUISVILLE WEBELOS

by Jim Marburger

The Louisville Webelos visited the November general meeting to participate in a lesson in order to earn their Geology Badge. Six Webelos, one scout's older brother, the leader and three parents arrived, full of energy and expectations.

Wooly and I presented the program to the youths. We provided five geological specimens of metals, glass, road building, and fertilizer and shared in an animated discussion. Three fossils were given to each child, and a multitude of other specimens were given to the scouts by Wooly and Ed Ridge.

The scouts made a Mohs Hardness Scale and learned how to use it. They received several handouts which included a list of materials used to build a house, minerals in our environment, a USGS description of minerals and how to identify them, and a "Baby Handout" listing the amounts of minerals a person would use in an average lifetime.

The group identified the various parts of a volcano, which continued the lively discussion. We discussed how mountains are formed, using two telephone books for a visual example, and the boys told me about earthquakes, faults, and tectonic plates.

We covered nine topics, four more than the requisite five. The group was thrilled with the clear egg cartons provided to hold their specimens, and everything was labeled.

The adults expressed appreciation to the club and thought the lesson was great.

J J & L Rocks & Minerals

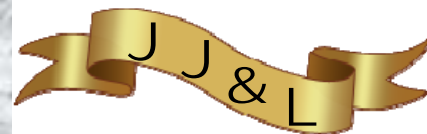
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Proudly serving
 the hobby for
 35 years

GENERAL MEETING MINUTES

BETHANY PARK SHELTER, November 17, 2011

The Louisville Webelos arrived at about 5:45 p.m. for a geology lesson provided by the club. See the article on page 3 of this newsletter for details of the event. The program went very well. They were a very sharp and knowledgeable group.

The meeting was called to order at 7:07 p.m. by President Richard Peterson. Twenty-three adult members and two Mineral Monkeys were in attendance.

The minutes of the October meeting were published in the Pick & Shovel. Jim Marburger moved to accept the minutes as published, second by Karen Messenger. Carried. The Treasurer's report was read by Treasurer Vera Lyman. Charles Wooldridge moved to accept the report as read, second by Ed Dvorak. Carried.

ANNOUNCEMENTS

The December Rock Party will be hosted by Jim and Sharon Marburger on December 10 at 5:00 p.m. Details will be published in the Pick & Shovel.

The annual Christmas Party will be held from 5:00-9:00 p.m. on December 4 at the Bethany Park Shelter House. The club will provide fried chicken. Members are asked to bring two side dishes. Rock Bingo will provide the entertainment for the evening; please bring hobby-related prizes. There will also be a hobby-related gift exchange. Participation requires bringing a gift of \$5 or less in order to receive a gift.

OLD BUSINESS

Welcome to Julie Mills, LGMC's newest member.

LGMC has been asked to participate in the December 18 "Sunday with a Scientist" program at Morrill Hall on the UNL campus. The December program is about Rocks and Minerals. Members are asked to bring their portable equipment and provide lapidary demonstrations. This event is to be treated like the July Grinding Party.

Ed Dvorak reported the plans for the Show are coming along nicely. All is well.

Wooly reported that those attending the field trip to the quarry near Barnes, Kansas had lots of fun. Our host, Martin Weber, was gracious and enjoyed sharing his rock collection with us. He also arranged for us to visit a neighboring quarry belonging to Mr. J. Holly. On the return trip home, many stopped to search the gravel bars of the Little Blue River.

NEW BUSINESS

Charles Wooldridge volunteered to host the January Rock Party at his residence. Date and details will be published in the January Pick & Shovel.

ANNUAL BUSINESS

ELECTIONS: Past President Charles Wooldridge called for final nominations from the floor. Receiving none, Brad Nielsen then moved to accept the ballot by acclamation. Second by Karen Messenger. Carried.

Wooly moved to adjourn the meeting following the elections, second by Karen Messenger. Carried.



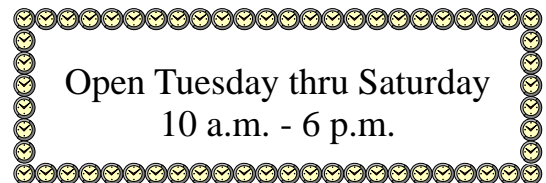
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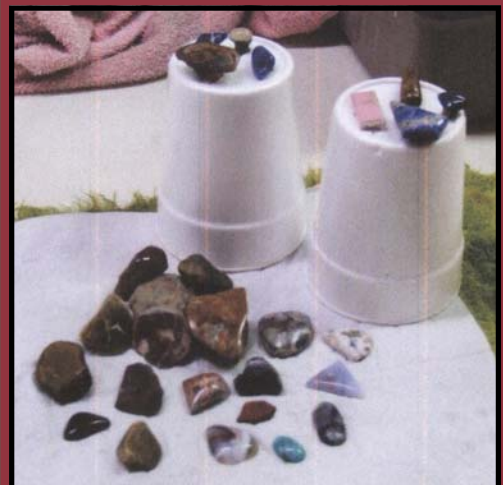
NOVEMBER ROCK PARTY

by Sharon Marburger

The November Rock Party was hosted by Howell Pabian and held at the residence of the late Roger Pabian. I did not have the opportunity to attend this event, so I cannot report on it. However, Ed Ridge supplied pictures, so I will let them tell the story.



Photos courtesy of
Ed Ridge



FIELD TRIP

By Jim Marburger

The club was invited to go to a gravel pit near Barnes, Kansas on November 12. The group met at the Pony Express Truck Stop on Highway 36. From there, we traveled to the Finlayson Sand and Gravel Quarry for a day of fun and collecting.

Those in attendance were Richard Peterson; Charles Wooldridge; Andrew Tiedje; Brian, Jayne, and Corey Beer; Susy McMahan; Ed Ridge; Terry and Leahh Anderson; Wendy Braden; Mark Awakuni-Swetland; Dan Cromer; and Sharon and me. Three members of the North Central Kansas Rock Club attended, also.

Martin Weber, the current caretaker/owner of the quarry was an informative and likeable fellow. He told of the history of the property and gave an entertaining talk about how the property was mined in its day. It was amazing to us all that a powerful stream of water was used to take down a hill - that hill being more than a quarter mile in length.

Dan Cromer found an excellent fossilized specimen, which was probably the best find of the day. I hope Dan shares a picture of the piece, or brings it to a meeting to show.

Mr. Weber also contacted a neighbor and received permission for us to collect at his sand and gravel quarry.

I was not feeling well so Sharon and I left early. We are sorry that we missed out on collecting at the second quarry and the Little Blue River. The reports coming back to me indicate that everyone had a lot of fun.



Three photos courtesy of Sharon Marburger



Three photos courtesy of Ed Ridge



STANDING COMMITTEES CHAIRMEN

Audit	John Harrison
	James Marburger
	Ed Dvorak
Christmas Party	Edward Ridge
Education / Librarian	Charles Wooldridge
	Judy Cropp
Facebook	Andrew Tiedje
Field Trips	James Marburger
Geology Day Coordinator	Aulden Stewart
Grinding Party	Aulden Stewart
Historian	Sharon Marburger
Legislative Liaison	Robert Cropp
Membership Record	Edward Ridge
MWF Liaison	Vera Lyman
Programs	Richard Peterson
Property	James Marburger
Refreshments / Door Prizes	Mary Pittard
Scholarship	Vera Lyman
Show—2012	Ed Dvorak
Swap—2012	Richard Peterson
Website	Jim Atkins
Youth Activities	Stella Thiessen
	Andrew Tiedje
	Kay Jurgens

LONG RANGE PLANNING & BY-LAWS COMMITTEE

1 year	Edward Ridge Robert Cropp
2 years	Charles Wooldridge Sharon Marburger
3 years	Vera Lyman John Harrison

NOMINATING COMMITTEE

3 years	Brad Nielsen Roger Pittard
2 years	Robert Cropp Judy Cropp
1 year	Vera Lyman Edward Ridge

ADVERTISING, SUBSCRIPTION, AND MEMBERSHIP INFORMATION

Advertising by rock / hobby business or interest is permitted with the approval of the Board of Directors. Contact the Editor with your proposed ad. The rate is set at \$20.00 per full page; \$10.00 per 1/2 page; \$5.00 per 1/4 page (minimum) per issue, paid in advance to the Club treasurer. Ads will be placed throughout the newsletter as space permits.

Subscription to the Pick & Shovel is \$15.00 per year for mailed copy.

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

- Adults (age 16 and over) - \$15 per year or \$25 per couple (within the same household)
- Juniors - \$2 per year (with a responsible adult)

All new memberships must be accompanied by a written application. Prospective members must gain Board approval and attend one regular meeting before being approved for membership.

Answers to Mineral Monkeys' puzzle

Lincoln Gem & Mineral Club, Inc.
presents its 54th Annual Show

2012: A Rock Odyssey

Saturday, April 7, 2012: 9:00 a.m. to 6:00 p.m.
Sunday, April 8, 2012: 10:00 a.m. to 5:00 p.m.
Lancaster Event Center
84th and Havelock, Lincoln, Nebraska

CHILDREN'S ACTIVITIES

JASPER

EDUCATIONAL PROGRAMS

DEMONSTRATIONS

PETRIFIED WOOD

GEMSTONES

EQUIPMENT

MINERALS

BEADS

JEWELRY


FOSSILS

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AGATES

DEALERS

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FUN FOR THE WHOLE FAMILY

Admission: \$5 per adult, children 11 and under free with paid adult.
\$9 for a 2-day pass. Bring this coupon or can of food for the Lincoln Food Bank for \$1 off admission for each adult in party.

Mail Exchange Newsletters to:
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PICK & SHOVEL

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REPORTERS: ALL MEMBERS ARE ENCOURAGED TO SUBMIT ARTICLES, POETRY, OR DRAWINGS.

A SPECIAL THANKS TO THIS MONTH'S CONTRIBUTORS:
JIM MARBURGER, RICHARD PETERSON, ED RIDGE, BRAD SMITH.

