



PICK & SHOVEL

P.O. Box 5342, Lincoln, Nebraska 68505-0342, www.lincolngemmineralclub.org

Volume 54, Issue 8
April 2012

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.



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 2012 Meeting Dates

<u>Board</u>	<u>General</u>
	Apr. 19
May 2	May 17
Sep. 5	Sep. 20
Oct. 3	Oct. 18
Nov. 1	Nov. 15
Nov. 28	Dec. 2

April Meeting
April 19, 2012, 7:00 p.m.

Mineral Monkeys
6:30 p.m.

Program: "Treasure Hunting"

SUNSHINE CORNER

Happy Birthday!

Corey Beer
Judy Cropp

Special Activities

Grinding Party Jul. 8

April Rock Party

April 22, 2012, 5:00 p.m.
at The Jewelry Connection
See announcement on page 5.

Due to the late publication and distribution of this month's Pick & Shovel, no significant business is contained herein. This editor hopes you enjoy the pictures of the four events held since our last meeting.

BOARD OF DIRECTORS

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Board Member

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Board Member

Charles Wooldridge, 402-416-3233
charles.wooldridge@nebraska.gov

PRESIDENT'S MESSAGE

by Richard Peterson

Our 54th Annual Gem & Mineral Show is history. It takes a long list of dedicated club members to make our show such a success. Ed Dvorak, Show Chairman, deserves kudos for keeping us all focused and bringing the show to a successful conclusion. For all of you who helped out, and you know who you are, THANK YOU.



For the show next year, our club's Emerald Anniversary, we host the Midwest Federation. This will present new challenges for our club. I know we will all pull together to make it a success.

Our joint field trip with the North Central Kansas Rock Club was fun. Members from many different clubs attended. We had a very good turnout of LGMC members.

The March Rock Party at Ed Ridge's was a culinary delight - and the "field trip" to Eddie's basement was interesting.

Don't forget the April Rock Party at The Jewelry Connection, April 22 at 5:00.

See you all at the next general meeting.

REFRESHMENTS SCHEDULE

Apr. 19:	Stella Thiessen/Vera Lyman	Cake
May 17:	Richard Peterson/Brad Nielsen	Cookies
Sep. 20:	Sharon Marburger/Messengers	Pie
Oct. 18:	Charles Wooldridge/AnneMarie Frierichs	
Nov. 20:	Al Stewart/Jim Atkins	

MONTHLY ROCK PARTY SCHEDULE

April	22nd - 5:00 p.m.	The Jewelry Connection
May	19th - 5:00 p.m.	Marburgers
June	AVAILABLE	
July	14th - 2:00 p.m.	Pittards
August	AVAILABLE	
September	AVAILABLE	
October	AVAILABLE	
November	AVAILABLE	
December	AVAILABLE	

National or Regional Events

28-29: FORT DODGE, IA. River Valley Rockhounds, Inc.'s 2012 Gem, Mineral, and Fossil Show; Webster County Fairgrounds, 22772 Old Highway 169; Sat. 9-5, Sun. 11-4; CONTACT: Jim Baumer 515.955.6783, jbaum@frontier.net.net, or Robert Wolf, 515.955.2818, midnightwriter@frontier.net.net, 3521 10th Ave. N., Fort Dodge, IA 50501-2910. [MWF SPRING MEETING]

GENERAL MEETING MINUTES

LGMC General Meeting, March 15, 2012, Bethany Park Shelter House

Respectfully submitted by Sharon Marburger, Secretary

The meeting was called to order at 7:00 p.m. by President Richard Peterson. Twenty-seven adult members and 4 Mineral Monkeys were present.

ANNOUNCEMENTS:

1. The Midwest Federation Show and convention will be in Minnetonka, Minnesota on July 26-29, 2012. We need to send a delegate.
2. The next lapidary class at SCC begins on April 14.
3. Charlie and Karen Messenger will celebrate their 40th wedding anniversary on April 1, from 1:30 - 4:30, at the American Legion Post #354 in Pleasant Dale.
4. Sharon Marburger completed and submitted to the Midwest Federation and the AFMS, the All American Club Award application and yearbook for 2011. Sharon will be asking for 2012 submissions each month at the meeting. You may e-mail or submit on paper any and all activities you participate in throughout the year. Pictures, thank you notes, copies of letters written, or any other kind of documentation would be helpful, but if you don't have any, it won't prevent inclusion in the yearbook.

OLD BUSINESS:

1. The minutes of the February meeting were published in the Pick & Shovel. Jim Atkins moved to accept the minutes as printed, second by Karen Messenger. Carried.
2. The Treasurer's Report was read by Treasurer Lyman. Charles Wooldridge moved to accept the report as read, second by Sharon Marburger. Carried.
3. The Pfizer Science Fair will be held on March 27 at Pershing. Set up at 4:00 p.m., open 5:00 - 8:00 p.m. LGMC will provide demonstrators and the Gem Dig.
4. A person willing to take notes at the meetings, then write up the minutes and provide to the Pick & Shovel Editor is still needed. Contact Wooly if you are interested in being a nominee.
5. The March Rock Party will be hosted by Ed Ridge on the 24th. Irish theme.

NEW BUSINESS:

1. A request was received via e-mail regarding a home school science fair. If you are interested in planning such an event, see the e-mail.

2. At the Board meeting, a motion was accepted,

(Continued on page 4)

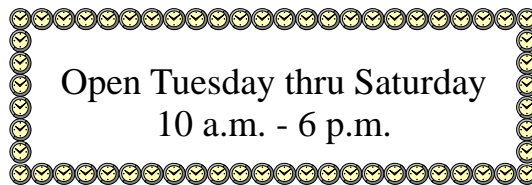
LINCOLN CURIOS ROCK SHOP

6625 Burlington - Lincoln, NE 68507 [Park in alley]

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- ◆ Rough stones and fossils for the hobbyist
- ◆ Polished stone items for interior décor
- ◆ Great selection of tumble-polished stones
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GENERAL MEETING MINUTES - CONT.

(Continued from page 3)

seconded and carried, to provide a \$50 stipend to two vehicles going to the MWF Convention in Minnetonka, Minnesota in July. This is to inspire members to volunteer to be a delegate for the club. Carpooling will be available if you'd like to attend. Delegates are required to attend the delegate's meeting, which lasts approximately one hour. After that, the delegate is free to attend the other meetings or go visit the show. Richard Peterson has volunteered to be our only delegate; an alternate is still needed.

SHOW REPORT:

1. The Show Committee met at the Lyman's residence on March 14. Everything appears to be on track.
2. See Ed Ridge for your display case needs.
3. Lots of help is needed for Friday set-up and Sunday tear-down.

REFRESHMENTS:

Chairman Mary Pittard announced she was looking for volunteers to bring snacks to the fall meetings. AnneMarie Frerichs and Wooly volunteered for October; Al Stewart and Jim Atkins offered for November. Sharon Marburger had previously accepted September and the Messengers offered to help her out.

FIELD TRIPS:

A joint field trip with the North Central Kansas rock club will take place on March 31. It will be a traveling field trip, stopping at six places between Marysville and Riley, Kansas. Rocks, fossils, and



gemstones will be on the itinerary.

ROCK PARTIES:

1. April: The Jewelry Connection (date to be determined)
2. May: Marburgers, May 19
3. June: Available
4. July: Pittards, July 14
5. August through December are still available.

LIBRARY:

Wooly brought several library selections to the meeting, to encourage members to utilize the vast array of knowledge contained therein. Several members looked them over.

The meeting adjourned to refreshments and program at 7:30 p.m. on a motion by Jim Marburger, second by Karen Messenger. Thanks to those who brought snacks.

The Program was a recording of the show "Cash and Treasures", featuring Tonapah, Nevada turquoise and Hiddenite, North Carolina emeralds. Very entertaining, and just what some of us needed to bring us out of our winter doldrums!

AFMS & MWF 2012 SHOW & CONVENTION

A Celebration of Agates

Lindbergh Center at Hopkins High School
Minnetonka, Minnesota

Thursday, July 26 – Agate Seminars
Friday, July 27 thru 29 – Show with
Dealers, Exhibits & Speakers

AFMS and MWF Annual Meetings
plus
Awards Banquet on Saturday night

More information available at:
www.minnesotamineralclub.org

BOARD MEETING MINUTES

LGMC Board Meeting, April 4, 2012, Gere Library

Respectfully submitted by Sharon Marburger, Secretary

The meeting was called to order at 6:26 p.m. by President Richard Peterson ("Pete"). All Board members were present. Club members Jim Atkins, Judy Cropp, Pat Dvorak, and Andrew Tiedje also attended.

1. Minutes: Motion to approve as written by Robert ("Rowdy") Cropp, second by Jim Marburger. Carried.
2. Treasurer's Report: Motion to approve by Charles ("Wooly") Wooldridge, second by Sharon Marburger. Carried.

ANNOUNCEMENTS:

Heartland Home School is planning a Science Fair on April 16, 2012 from 5:30 to 8:30 p.m. at Faith Bible Church, 6201 S. 84th. Al Stewart, Pete, and Jim Marburger plan to attend.

OLD BUSINESS:

1. Pete handed out a form entitled "Promotional Data" for members to provide advertising contacts.

2. The field trip to Kansas was briefly discussed. Wooly brought some flyers from the museum in Blue Rapids, Kansas to share with the club.

NEW BUSINESS:

1. Titanoboa: Monster Snake Reception & Film Premiere, April 12, 5:30-9:30 p.m. Van Brunt Visitors Center/Ross Theater. This is an appreciation gathering for those who participated in the Sunday with a Scientist program at UNL's Morrill Hall.
2. Judy Cropp has accepted the nomination for 2013 Secretary. (Thanks, Judy!)

SHOW COMMITTEE:

Meeting attendees discussed last minute tweaks to Show plans and hopefully worked out any bugs.

The meeting adjourned at 7:20 p.m. on a motion by Jim Marburger, second by Sharon Marburger. Carried.



April Rock Party

Fiesta!

April 22, 2012

5:00 p.m.

hosted by

The Jewelry Connection

Indian Village Shopping Ctr.

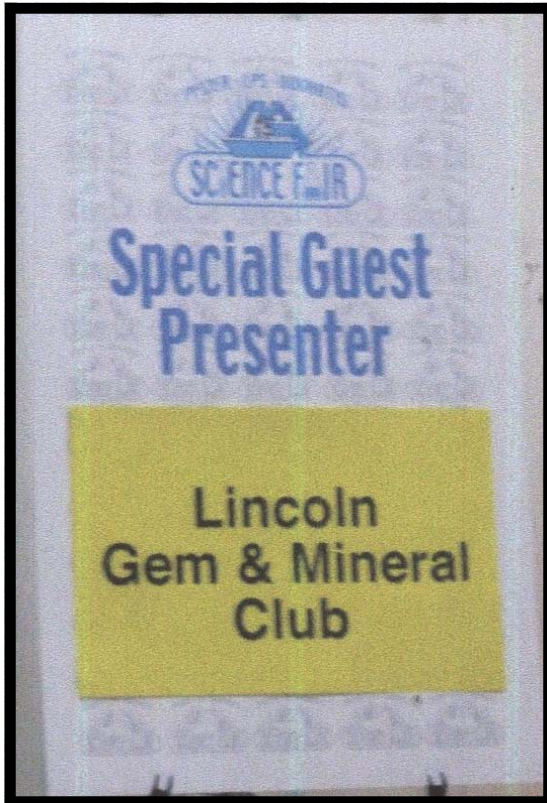
13th & Arapahoe, Lincoln

Jayne Beer 402-890-3307

Jayne will prepare her "Secret" Chicken.

PFIZER LPS NOVARTIS SCIENCE FAIR

Photos by Ed Ridge



Silversmithing classes

The Jewelry Connection Ltd.
Indian Village Shopping Ctr.
13th & Arapahoe, Lincoln

Tuesdays

May 1, 2012

thru

June 19, 2012

7:00 p.m. - 10:00 p.m.

Tuition: \$120 plus \$30 supply deposit

Contact:

Jayne Beer 402-890-3307

Judith Bay 402-423-7058

or e-mail

jbeer60070@aol.com

Members attending:

Ed Ridge

Richard Peterson

Al Stewart

Jayne Beer

Corey Beer

Charles Wooldridge

Susy McMahan

MINERAL MONKEYS

by Sharon Marburger

Hi Monkeys!



I am so proud of you! Your display cases at the 54th Annual Gem and Mineral show looked great! I also saw Makenzie helping with the Silent Auction, and Corey demonstrating lapidary techniques. Way to go, Monkeys! Let's get those badges earned!

Photos by Sharon Marburger.



Ellie



Corey



Ivy



Makenzie



54TH ANNUAL SHOW - APRIL 7 & 8



Ticket Booth



A nice crowd



Special Displays: Very large rutilated quartz and a pink tourmaline crystal growing out of a quartz crystal, displayed by Charles and Kathy Meisinger



One of several rock houses, created by Gene Moberg and displayed by Naomi Fletcher



Saber-toothed tiger



Mark Awakuni-Swetlund presents one of several educational programs

Photos by Jim & Sharon Marburger



Ed Ridge demonstrates cabochon cutting on a flat lap



Keepers of the Fluorescent Display



Sunday morning Continental Breakfast

MARCH ROCK PARTY

Photos by Jim & Sharon Marburger



The food theme was Irish. There were 3 kinds of Irish Stew, lots of vegetables, and bread. Very Irish! Oh, and don't forget dessert.



Professor Pete looked right at home in front of Eddie's bookcases.

Party hosted by Ed Ridge on March 24.



One of Jayne's projects for the evening



Ed D. and Sharon go over changes in the floor plan for the show.



Corey and Jayne hard at work.



Eddie took us on a "field trip" of his basement. We were allowed to collect a coffee mug full of specimens. These are some that Jim & Sharon selected.

Some of Corey's projects.



J J & L Rocks & Minerals

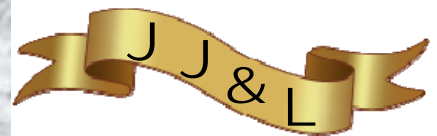
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BENCH TIPS BY BRAD SMITH

DRILLING SMALL ITEMS

Small pieces need to be held securely while drilling or burring to prevent them from spinning if the drill catches. A quick solution is to hold the workpiece with a pair of pliers or your ring clamp. Another alternative is to clamp your piece to the bench pin or a thin board. If using pliers, you can avoid scratches by putting a little tape over the jaws.



DRILLING A STONE

One of the things my students often ask to do is drill a hole through a piece of gemstone. The usual thought is to get a diamond drill, but I've found these often break or burn up. The reason, I think, is that the drill pivots on the piece of diamond on the drill tip. By pivoting the diamond does not cut. When it doesn't cut, you tend to add more force, and the drill is damaged by excess heat.



A much better approach is to use a core drill. This is a small hollow tube with a coating of diamond grit at the business end. The diamonds easily carve out a circular arc without undue pressure or heat buildup.

Core drills are readily available from lapidary and jewelry supply companies. They come in sizes as small as 1mm and are reasonable in price; for instance, \$6 for 2mm diameter.

Chuck up the core drill in a drill press or a Foredom and be sure to keep the drilling zone wet to cool the tool and to flush out debris. Also, if you're drilling a through hole, go very easy on the pressure as the drill is about to break through. Otherwise you will usually chip off some of the stone surface around the hole.

More BenchTips by Brad Smith are at groups.yahoo.com/group/BenchTips/ or facebook.com/BenchTips

ROVING FIELD TRIP

On March 31, LGMC joined the North Central Kansas Rock Club on a roving field trip to various locations in Kansas. Individuals from at least three other clubs also attended. At one point, there were 17 vehicles in our caravan. The trip was a lot of fun. Many thanks to Martin Weber for planning this trip.

Photos by Ed Ridge and Jim & Sharon Marburger



Early morning rendezvous at the Trails 'n Rails Quick Stop in Marysville, Kansas



First stop: Edward's Rock Quarry



Second stop: Road cut to collect fossils



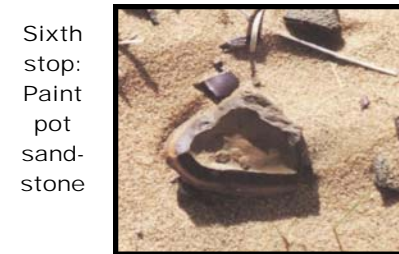
Third stop: Blue Rapids, KS to see the oldest rocks in Kansas LUNCHTIME!



Fourth stop: Garnet Strip northwest of Riley, KS



Part of the group resting on the steps of the (Fifth stop) Arts & Memories Museum in Riley, KS. 84° on 3/31/2012



Sixth stop: Paint pot sandstone



Some of the LGMC attendees ended the day by hunting the Little Blue River. It was a great day to walk the river.

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	Jayne Beer/Judy Cropp
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

**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

**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

HOBBY FUN

Would you like to have some hobby fun? Consider hosting a monthly Rock Party. It doesn't matter where you hold it. All you have to do is set the date and time, provide place settings for the potluck, and have areas to work in and chairs or floor to sit on. June through December are still available. Let a Board Member know if you are interested in hosting.



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

PICK & SHOVEL

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A SPECIAL THANKS TO THIS MONTH'S
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RICHARD PETERSON, ED RIDGE, BRAD SMITH

