



PICK & SHOVEL

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

Volume 55, Issue 5
January 2013

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 CLUB EVENTS

Regular monthly meetings are held at 7:00 p.m. at the Bethany Park Shelter House. Youth activities begin at 6:30 p.m. Summer activities will be announced as they are planned.

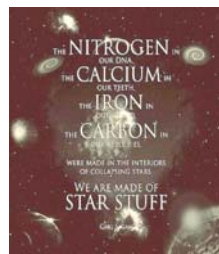
General Meeting

January 26, 2013
7:00 p.m.

Following the
Mid-Winter Swap
And
Pizza Supper
Program: Silent Auction

Mineral Monkeys

January 26, 2013
6:30 p.m.
Lesson: Everyday uses
of rocks & minerals



SUNSHINE CORNER

January Birthdays:

Brian Beer
Linda Guenter

2013 Meeting Dates

Board

Wed., February 6
(at Vera Lyman's home)

Wed., March 6
(at Vera Lyman's home)

Wed., April 3

Wed., May 1

Wed., September 4

Wed., October 2

Wed., November 6

General

Thurs., February 21

Thurs., March 21

Thurs., April 18

Thurs., May 16

Thurs., September 19

Thurs., October 17

Thurs., November 21

Sunday, December 1
(Christmas Party)

LINCOLN GEM & MINERAL CLUB'S
34TH ANNUAL ROCK SWAP
JANUARY 26, 2013 - 1:00 PM - 5:00 PM



SILENT AUCTION







FAMILY FRIENDLY



BETHANY PARK SHELTER
64TH & VINE STREET LINCOLN, NEBRASKA

FREE ADMISSION
BUY - SELL - TRADE - ROCKS - MINERALS
FOSSILS - JEWELRY - EQUIPMENT

CASH SALES MUST BE COMPLETED USING SWAPPER DOLLARS. SWAPPER DOLLARS ARE AVAILABLE FROM THE CLUB TREASURER AT A 10% SURCHARGE, PAYABLE BY THE BUYER.

LINCOLN GEM & MINERAL CLUB BOX 5342 LINCOLN NE 68505-0342
CONTACT RICHARD PETERSON 402-489-2996

BOARD OF DIRECTORS

President

James Marburger, 402.792.2348
jm24122@windstream.net

1st Vice-President

Ed Dvorak, 402.946.3041
ed20649@windstream.net

2nd Vice-President

Aulden Stewart, 402.483.1044
mmstewart@inebraska.com

Treasurer

Vera Lyman, 402.464.6089

Secretary

Mark Awakuni-Swetland, 402.770.3521
mawakuni-swetland2@unl.edu

Board Member

Jayne Beer, 402.890.3307
JBeer60070@aol.com

Board Member

Robert Cropp, 402.465.8432
rowdyrcr@hotmail.com

Board Member

Richard Peterson, 402.489.2996
pdr20@yahoo.com

Board Member

Charles Wooldridge, 402.416.3233
charles.wooldridge@nebraska.gov

PRESIDENT'S MESSAGE

by James Marburger, President

WOW! Here we go again! A new year has started and there is a large amount of work to be done, beginning with the 34th Annual Mid-Winter Rock Swap and Sale this month. Everyone is asked to please post flyers wherever possible and mention the event to others. You may reproduce the flyer on page 8 of this newsletter for distribution. Swap chairman, Richard Peterson, will need help to set up tables, dealer registrations, and other items on the day of this well-attended event. (Richard has ordered 60 degree temps for the day, with sunshine!) Let's all support this event. You may bring items for the silent auction that day. Dealer setup begins at 12 noon, doors are open to the public from 1 p.m. to 5 p.m. As usual, we will have a pizza supper following the Swap and before the general meeting at 7 p.m. Pizza money (approximately \$6 per person) will be collected at the time you sign up for supper.



We have had several requests to present short programs at different locations, which will provide great promotional opportunities for the club. Locations include libraries, home schools, scout groups, and retirement centers. All of these events will bring in great rewards for our club and the presenters. Please contact me if you can help or provide materials. We can use these times to bring our hobby into the limelight and get our name out to the public. At this time, the scouts are planning to attend Geology Day at Pioneers Park Nature Center, Chet Ager Building, on February 10 to complete the required items to earn their geology badge.

The Science Fair will be held in March. Watch for further information in the Pick & Shovel, or contact Susy McMahan.

Our 50th Annual Show, held in conjunction with the Midwest Federation show and convention, is coming up in April. All hands on deck for this, too.

There are many activities going on in our club in which fun, education, camaraderie, good food, memories, and friendships can be shared. Ask what you can do for your club and I am sure that your club will give back to you.

Many ideas for future projects and activities are presented all the time, like roadside clean up, field trips, monthly rock parties, and neighboring shows and swaps. BE A PART OF THE CLUB that is GOING ROCKY. See you soon!

Happy New Year!

Mary Pittard will be looking for refreshment volunteers at the January meeting. Pick a month in 2013 when you would like to bring snacks and let Mary know.

Wouldn't you like to have all the knowledge and wisdom contained in the Club Library right at your fingertips? If so, contact Wooly and offer to house the Library.

Make plans to participate in

GEOLOGY DAY

at the Pioneers Park Nature Center
Chet Ager Building
February 10, 2013

Bring a display
Demonstrate any aspect of the hobby
Provide "freebies" to the kids
Plan to have a great time
This is a great opportunity to
share the love of our hobby with others

LINCOLN CURIOS ROCK SHOP

6625 Burlington - Lincoln, NE 68507 [Park in alley]
(402) 310-3307

► SPECIALIZING IN ARIZONA PETRIFIED WOOD ◀

- ◆ Rough stones and fossils for the hobbyist
- ◆ Polished stone items for interior décor
- ◆ Great selection of tumble-polished stones
- ◆ Natural petrified wood for landscaping

Open Tuesday thru Saturday
10 a.m. - 6 p.m.



JANUARY ROCK PARTY

Fiesta!

JANUARY 19, 2013



5:00 P.M.

JAYNE WILL
PREPARE HER
"SECRET"
LIME CHICKEN

HOSTED BY

BRING YOUR
FAVORITE
MEXICAN FOOD

The Jewelry Connection

Indian Village Shopping Ctr.
13th & Arapahoe, Lincoln
Jayne Beer 402-890-3307

Ole!





Fourth Annual World Rock Tumbling Contest (2013)

The **Feather River Lapidary & Mineral Society** invites you to join us for our fourth annual World Rock Tumbling Contest. This year we will be using Tuledad Canyon Agate. Tuledad Canyon is located on the California Nevada border near Susanville, CA. Pictures of the polished rock will be on our web site after the 1st of January.

<http://www.FeatherRiverRocks.org>

This flyer is your invitation and your application. Please fill out the information below, make the check payable to FRLMS and mail to:

Feather River Lapidary & Mineral Society or FRLMS
P.O. Box 2645
Oroville, CA. 95965

- * First place \$250.00
- * Second Place \$100.00
- * Third Place \$50.00

Entry fee this year will be \$40.00 for continental U.S. residents. This will include shipping the material to you. All others' fees will be \$40.00 plus shipping. Please send correct fees and how to ship.

- * (3 lbs.) of rough will be shipped to you when the application & check are approved.
- * We will stop accepting applications June 1, 2013.
- * (1/2 lb.) finished rock must be returned with a copy of the entry form, and must be postmarked no later than August 15, 2013.

Name _____ Phone _____

Address _____

E-mail _____

For more information:
www.FeatherRiverRocks.org
 Telephone: (530) 877-7324
 E-mail: tumbling@FeatherRiverRocks.org

DECEMBER ROCK PARTY

by Sharon Marburger

The December Rock Party was held December 15 at 5:00 p.m. at the Hickman home of the Marburgers. Those who attended were Brian, Jayne, and Corey Beer; Bob and Pat Gruit; Mark Awakuni-Swetland; Judy Cropp; and, of course, Jim and Sharon Marburger.

Everyone pigged out on soups, breads, and holiday desserts. As usual, there was more than enough food, and all of it was deeee-lish-ussss.

Sharon prepared information on how to set up a competitive display. The first section of the AFMS Uniform Rules was printed and handed out to those who wanted a copy. Because there were many different types of displays about which people wanted to learn, it was impractical to cover it all in one session. Sharon recommended that each person determine what type of competitive display was desired, then go to that section of the Uniform Rules to learn what is specifically required for that type of display. The newly released 2013 Uniform Rules can be found at and downloaded from <http://www.amfed.org/rules/rules.htm>.

Mark brought a bag full of specimens, most of which got the better of his curiosity. He just had to cut them open to see what was inside. (It's okay, Mark. A lot of us have this urge.)



Naturally, because rocks were spread out on the table, everyone had to crowd around to see if there was anything worthy of jealousy.

Photos courtesy of Sharon Marburger



The menfolk had quite a discussion over the various specimens. It was quite entertaining.

Corey Beer, not to be outdone, brought out his large bowl of specimens. It is always fun to see what has sparked Corey's interest, and it is usually something unique or beautiful.



Now, to the untrained eye, one would think this bowl contained a "bunch of rocks". Not so. Corey had some real gems in this bowl. I saw quartz, agates, fossils, geodes, petrified wood, and some interesting-looking specimens I could not identify. Whether picked up from the ground or purchased at a store, Corey always finds the coolest stuff - everywhere he goes!



While the "old folks" discussed displays, Corey used Jim & Sharon's Genie to do some grinding and polishing.

Overall, it was a pleasant evening of hobby fun and friendship.



GENERAL MEETING MINUTES

December 2, 2012, Bethany Park Shelter House

Respectfully submitted by Sharon Marburger

- Called to order at 6:16 p.m. by President Richard Peterson, following Christmas Party potluck supper.
- The Pick & Shovel for December had not yet been published, therefore, no minutes of the November meeting were available.
- President Peterson pointed out the flyers for the Mid-Winter Swap had the wrong date. He encouraged everyone to pick up some corrected flyers before leaving. He also announced that setup would begin at 12:00 noon.
- The monthly Rock Party will be held on December 15 at 5:00 p.m. at the Marburgers. It will be a soup supper. Sharon will provide information on how to set up a competitive display at the show.
- Richard Peterson passed the gavel to incoming president, Jim Marburger.
- Meeting adjourned at 6:22 p.m. on a motion from Jim Marburger, second by Jayne Beer. Carried.

Silversmithing classes

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

Tuesdays

January 8, 2013

thru

February 26, 2013

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

2013 SHOW

DEALERS DEMONSTRATIONS CHILDREN'S ACTIVITIES

Lincoln Gem and Mineral Club, Inc. Proudly Presents Its 55th Annual **Gem and Mineral Show**

"Our Emerald Jubilee"

Saturday, April 6, 2013: 9:00 a.m. to 6:00 p.m.
Sunday, April 7, 2013: 10:00 a.m. to 5:00 p.m.

Lancaster Event Center
84th and Havelock, Lincoln, Nebraska



**FREE natural
emerald specimen
to the first
2,000
paid admissions!**

Held in conjunction with the Annual Conventions of the Midwest
Federation of Mineralogical Societies and the Nebraska Association of
Earth Science Clubs

Food Bank
OF LINCOLN

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 to
receive \$1 off admission for each adult in party.

AGATES
GEM & JEWELRY-MAKING EQUIPMENT & SUPPLIES
FOSSILS

FIELD TRIPS
PETRIFIED WOOD
ROUGH & UNGUT GEMS
FUN

EDUCATIONAL PROGRAMS MINERALS GEMSTONES!

Let's not forget that the 2013 Gem and Mineral Show is fast approaching.

- ◆ Do you have your educational (non-competitive) displays/exhibits ready to go?
- ◆ Have you thought about entering a competitive display/exhibit?
- ◆ Have you completed and submitted your applications for educational (non-competitive) and competitive displays? **The deadline to submit is February 24, 2013.**
- ◆ Have you completed and submitted your "MWF Registration Form", indicating in which activities you plan to participate? **The deadline to submit is February 24, 2013.**

All forms, hospitality information, show flyer, and preliminary Calendar of Events can be found on the club website: www.lincolngemmineralclub.org. No internet access? See Sharon Marburger for a show packet.

Let's make this a Show to remember!

BENCH TIPS BY BRAD SMITH

OCHRE APPLICATOR

Yellow ochre is used when you want to be sure the solder will not flow onto an area of your piece while you're soldering on another area. The only problem with ochre is coming up with a good way to store and apply it. I like recycled nail polish bottles. They seal well and have a built-in brush. Just clean them out with a little acetone or nail polish remover, and they're ready to go.



SANDING/POLISHING IN TIGHT PLACES

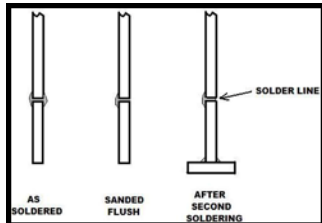
Often you'll need to sand or polish an area that's impossible to reach with even a small wheel on a flexshaft. Other times it might be the bottom of a pocket or inside bottom corner of a box that needs to be finished. One trick for these nit-picky jobs may be left over from your last Chinese dinner - a chopstick.

I've found quite a few uses for these in the shop. Prepare the tip by simply sawing it off at a 45 degree angle. Then apply whatever abrasive grit you will need for the job or hold a strip of sandpaper around the end. Loose grit can be held onto the tip with a bit of Vaseline or oil. Tripoli or rouge can be just rubbed onto the end of the chopstick.



AVOIDING SOLDER LINES

After finishing a soldered joint on say a bezel, have you ever seen it reappear when you solder the bezel to a base plate? What's happening is that every time you heat a soldered piece to the temperature that solder flows, the liquid solder dissolves a little bit more into the base metal. This leaves a small furrow where the solder had been sanded off flush at the joint. To get rid of the furrow, you have to re-sand the joint area down to the bottom of the furrow.



To avoid this, when I have another soldering operation to follow, I try to leave a little extra solder on my joints. For instance, when trimming off excess base plate from around a bezel, I leave a paper thickness of

excess plate material whenever possible until I'm done with all soldering.

Of course, this isn't always possible as when a soldering operation will prevent you from gaining access to an area for final sanding and polishing. In that case I coat the finished solder joint with ochre to prevent a furrow.

ADJUSTABLE CHUCK FOR DREMELS

Many of us have a Dremel motor tool to use at home or when out to a class or workshop. The one thing that makes this tool much more productive is the addition of one inexpensive option, an adjustable chuck.

The basic motor tool as sold typically comes with a collet chuck. This means you have to use a wrench to change every tool bit, you have to switch collets to use different shaft sizes (3/32 or 1/8 inch bits), and you can't use ordinary drills at all - only the special ones that have a 3/32 shaft.

A simple and inexpensive (\$10) adjustable chuck solves all of this. It's available in most large local hardware stores or model making outlets. Tightening the chuck is done easily by hand to any size shaft. No key is required.



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

Membership dues are due by January 31, 2013

Dues received after

January 31

will be assessed a

\$5.00 late fee.

LINCOLN GEM & MINERAL CLUB'S

34TH ANNUAL ROCK SWAP

JANUARY 26, 2013 - 1:00 PM - 5:00 PM



BETHANY PARK SHELTER
64TH & VINE STREET LINCOLN, NEBRASKA

FREE ADMISSION
BUY - SELL - TRADE - ROCKS - MINERALS
FOSSILS - JEWELRY - EQUIPMENT

CASH SALES MUST BE COMPLETED USING SWAPPER DOLLARS. SWAPPER DOLLARS ARE AVAILABLE FROM THE CLUB TREASURER AT A 10% SURCHARGE, PAYABLE BY THE BUYER.

LINCOLN GEM & MINERAL CLUB BOX 5342 LINCOLN NE 68505-0342
 CONTACT RICHARD PETERSON 402-489-2996

ALAA NEWS (EXCERPTS PROVIDED BY TOM NOE)

ALAA STRIVES TO KEEP PUBLIC LANDS OPENS FOR ROCKHOUNDS

By Dick Pankey, 2012 President, ALAA

There are many threats to the use and access of our public lands. Access restrictions have taken place through presidential, legislative and Land Use Plan (LUP) decisions, because we, the users, have not effectively represented our wants to political leaders, and have not participated fully in the LUP process. ALAA is the advocate and the leader for positive action to change the pattern of ever-increasing restrictions to our use and access. Apathy and not being involved are our greatest threats. . . .

Compared to the anti-access organizations, we are a small, minimally funded organization. We do not have a paid staff. We are volunteers dedicated to fighting for the rights of all rockhounds and everyone who wants to recreate on our public lands. There are many opportunities for you to be involved in our efforts to save access and retain the right to use these lands.

Does this catch your interest? Would you like to be more involved? Do you have the spark of an idea for something that you would like to do to make a difference? Find out more about us at www.amlands.org. ALAA is the lobbying arm of the American Federation, working on behalf of rockhounds to keep public lands open and accessible to all, including the elderly and handicapped.

(Excerpted from the April to June, 2012, ALAA Newsletter)

ALAA is the lobbying arm of the American Federation, working on behalf of rockhounds to keep public lands open and accessible to all, including the elderly and handicapped.

LGMC is a proud member of ALAA

DO ELECTED REPRESENTATIVES READ OUR EMAILS? YES!

By John Martin, ALAA

Writing to elected officials does get some response and lets them know that we are out there and that we care. If more people write, maybe our feelings and ideas will get across. I emailed California Congressman Kevin McCarthy about proposed legislation S2921.

An excerpt from my email: As a constituent, I treasure the public lands in the California desert and want to see them remain open and accessible by all of America's recreationalists and not just special interests and hikers. I want these special public lands to remain open and accessible for my family and future generations. I urge you to NOT support the California Desert Protection Act of 2010 as it is currently written. . . . Visitors spend more than \$230 million annually on outdoor recreation in the California desert, according to federal data, and this bill will reduce this amount of local revenue by closing off more public lands to ALL forms of public recreation on these now open public lands. . . .

From Congressman McCarthy's response: Dear John: While I support protecting our natural resources for future generations to enjoy, in the state of California we already have millions of acres of federally managed and protected land. This is why I am wary of designating additional federal lands in our state which, depending on the type of designation, can restrict public access, enjoyment, and recreation on these lands. As your Representative in Congress, I will keep your comments in mind should this legislation be voted on in the House. Sincerely, Kevin McCarthy, Member of Congress.

(Excerpted from the Oct. to Dec., 2010, ALAA Newsletter)

J J & L Rocks & Minerals

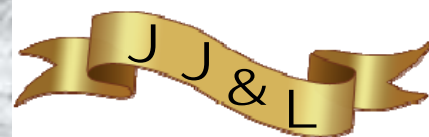
**P.O. Box 68
Hickman, NE 68372**

**330 Locust
Hickman, NE 68372**

**John Harrison
Lee Harrison
402.792.2337**

**James Marburger
Sharon Marburger
402.792.2348**

**jimandjohn@jllrocksandminerals.com
www.jllrocksandminerals.com
jllrocksmin - Ebay Username**



**Proudly serving
the hobby for
36 years**

MINERAL MONKEYS

by Susy McMahan, Co-leader



The juniors group, Mineral Monkeys, met during the club's Holiday party. We looked at pictures, descriptions and locations of Nebraska's State Gem (blue agate or chalcedony) and State Rock (prairie agate). Susy McMahan brought some awesome samples from her private collections, and each member got samples of each for their own collections. Rock formations and crystals rounded out the meeting, along with crystal samples in matrix from Mexico. Corey Beer did a great job of drawing a crystal cluster, showing Ian Williams the techniques he used for drawing. Jayden Eno staked out a gem and mineral book



of several to add to her holiday list. Thanks to Ed Ridge for the prairie agates he brought for growing collections. We missed co-leader Andrew Tiedje, who was unable to attend. Junior members who missed the meeting will still have an opportunity to complete those December activities.

In January we will meet at approximately 6:30 p.m., after the pizza supper following the 34th Annual Rock Swap, and before the regular meeting begins. (The pizza supper will cost approximately \$6.) During this meeting, we will study everyday uses of rocks and minerals, minerals in the home, and careers in Earth Sciences. Any adult member having a special interest or knowledge in any of these areas is welcome to join us. See you Saturday, January 26th!

Picture courtesy of Sharon Marburger

WORD LIST

- ANNUAL ROCK SWAP
- ANNUAL SHOW
- EMERALDS
- FIELD TRIPS
- FOOD AND DRINK
- FRIENDSHIP
- GEOLOGY DAY
- GRINDING PARTY
- LAPIDARY CLASS
- MINERAL MONKEYS
- PICK AND SHOVEL
- ROCK PARTIES
- SCIENCE FAIR
- SILENT AUCTION
- SPEAKERS
- SPECIMENS
- VOLCANOES

Puzzle prepared by Susy McMahan

I	L	S	P	I	R	T	D	L	E	I	F	G	X	M
P	L	A	J	L	T	W	P	E	F	T	R	A	I	E
X	A	S	P	E	A	K	E	R	S	I	G	N	R	N
S	S	W	P	I	N	Q	I	K	N	S	E	N	I	O
N	E	U	S	N	D	E	F	D	V	R	O	U	A	I
E	C	I	J	K	N	A	I	V	A	Q	L	A	F	T
M	M	N	T	D	C	N	R	L	X	S	O	L	E	C
I	O	E	S	R	G	O	M	Y	E	N	G	S	C	U
C	I	H	R	P	A	O	R	O	C	H	Y	H	N	A
E	I	W	A	A	N	P	N	L	A	L	D	O	E	T
P	T	R	L	K	L	A	K	D	A	V	A	W	I	N
S	T	K	E	A	C	D	M	C	H	U	Y	S	C	E
Y	Y	Y	J	L	J	E	S	B	O	C	N	A	S	L
Y	S	F	O	O	D	A	N	D	D	R	I	N	K	I
L	E	V	O	H	S	D	N	A	K	C	I	P	A	S

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—2013	Charles Wooldridge
Swap—2013	Richard Peterson
Website	Jim Atkins
Youth Activities	Andrew Tiedje
	Susy McMahan
	Kay Jurgens

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.

LONG RANGE PLANNING & BY-LAWS COMMITTEE

Richard Peterson, Chairman

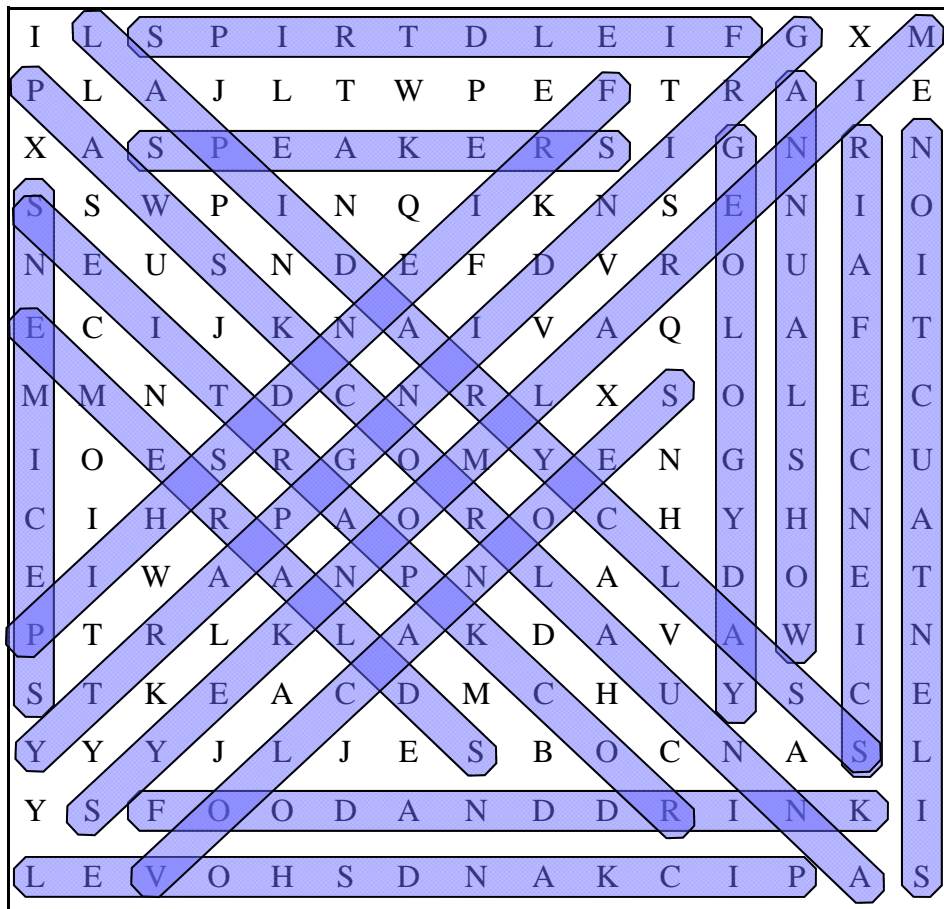
- 1 year: Charles Wooldridge
Sharon Marburger
- 2 years: Vera Lyman
John Harrison
- 3 years: Edward Ridge
Robert Cropp

NOMINATING COMMITTEE

Richard Peterson, Chairman

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

Answers to Mineral Monkeys' puzzle





Mail Exchange Newsletters to:
 Lincoln Gem & Mineral Club, Inc.
 P.O. Box 5342
 Lincoln, NE 68505-0342
 Or e-mail newsletters to:
 lgmc.editor@windstream.net

PICK & SHOVEL

THE *PICK & SHOVEL* IS THE OFFICIAL PUBLICATION OF THE LINCOLN GEM & MINERAL CLUB, INC., 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 ARTICLE IS SENT TO THE EDITOR OF THE *PICK & SHOVEL*.**

YOUR PICK & SHOVEL STAFF:

PUBLISHER: LINCOLN GEM & MINERAL CLUB, INC., P.O. BOX 5342, LINCOLN, NEBRASKA 68505-0342

EDITOR: SHARON MARBURGER, P.O. BOX 64, HICKMAN, NEBRASKA 68372, E-MAIL: LGMC.EDITOR@WINDSTREAM.NET

CIRCULATION: VERA LYMAN, 402-464-6089

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

