



PICK & SHOVEL

September 2014, Volume 57, Issue 1

Editor: Sharon Marburger

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.

2014 Meetings and Activities

Board

Wed., Oct. 1 (Gere Library)

Wed., Nov. 5 (Gere Library)

Wed., Dec. 3 (Gere Library)

General

Thurs., Sep 18

Thurs., Oct 16

Thurs., Nov 20

Sun., Dec 7

Activities

MWF Convention - Oct. 18-19
Des Moines, Iowa

Roadside Clean-up - Nov. 8
Highway 77 & Hickman Rd.

Regular monthly meetings are held at 7:00 p.m. at the Bethany Park Shelter House. Youth activities begin at 6:00 p.m.

GENERAL MEETING

Thursday, Sep. 18

Bring your summer finds to share
and have identified!

MINERAL MONKEYS

Bring your summer finds!
Carolyn & Susy have a fun
activity prepared for you!

REFRESHMENTS

- Sep 18: Carrie Burkhart & Sharon Marburger
- Oct 16: Sara Burden & Sharon Marburger
- Nov 20: Carolyn Ashmore & Vera Lyman
- Dec 7: Christmas Party
- Jan 2015: Everyone brings snacks for Swap; Anniversary Cake

Rock Party at the

Jewelry Connection! Details inside.

SEPTEMBER BIRTHDAYS:

- Richard Peterson
- Vera Lyman
- Brad Nielsen

BOARD OF DIRECTORS

President

Ed Dvorak, 402.946.3041
ed20649@windstream.net

Treasurer

Vera Lyman, 402.464.6089

Board Member

Jim Atkins, 402.483.1610
jna@inetnebr.com

1st Vice-President

Richard Peterson, 402.489.2996
pdr20@yahoo.com

Secretary

Sharon Marburger, 402.792.2348
lgmc.editor@windstream.net

Board Member

Susy McMahan, 402.464.0065
blueriverjewelry@neb.rr.com

2nd Vice-President

Jayne Beer, 402.890.3307
JBeer60070@aol.com

Board Member

Carolyn Ashmore, 402.325.8878
saturn1_101@hotmail.com

Board Member

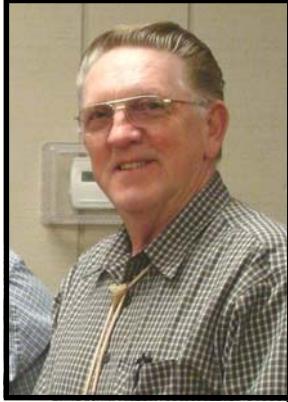
Charles Wooldridge, 402.416.3233
charles.wooldridge@nebraska.gov



PRESIDENT'S MESSAGE

by Ed Dvorak, President

Time sure goes by fast when you're having fun! Here it is September already!



I was at the Rock Swap in Crawford and had a very good time, like many others did. I was at a coffee shop talking to some local ranchers and found out some people did not have such a great time. They told me there were a few cars, trucks, and a tractor that got stuck out in the pastures. This made it bad day for those folks! When you go rock collecting in a new or unknown area, you need to be careful and take a little extra time to assess the area before going in. Be aware of your surroundings and what has taken place before your outing, and to what might be coming later on. Always pay attention to weather reports. Because of heavy rains, people got stuck in the mud, which may not have happened had they paid attention to the environment.

Be safe and happy!

UPCOMING EVENTS

SEPTEMBER

26-28 HAMILTON, IL. Wornthern Earth Searchers' Geode Fest; Wildcat Park, North 96 Route; Fri. & Sat. 7-5, Sun. 9-1; Contact: Mike Shumate, 217.491.1025.

26-28 JOPLIN, MO. Tri-State Gem & Mineral Society's Annual Show; Joplin Museum Complex, 504 Schifferdecker Ave.; Fri. & Sat. 9-5, Sun. 9-3; Contact: Chris Wiseman, 417.623.1180, jmc-cwiseman@sbcglobal.net.

OCTOBER

4-5 SPRINGFIELD, IL. Lincoln Orbit Earth Science Society's Annual Show; Illinois Building, Illinois State Fairgrounds, Sangamon Ave. & 11th St.; Sat. 10-6, Sun. 10-5; Contact: Ed Wagner, 309.838.7782, loesseditor@gmail.com.

Rock Party

SUNDAY, SUNDAY, SUNDAY!!!

The Jewelry Connection

Sunday,

September 14

at 5:00 p.m.

Indian Village Shopping Center
13th & Arapahoe, Lincoln



Jayne & Judith do not have a food theme this month. Bring your potluck food item(s) of choice. Remember to bring your projects and equipment.

**Start planning now
for your hobby-related
Halloween costume
to wear at the
October meeting**



NORTHWEST NEBRASKA 28TH ANNUAL ROCK SWAP, 2014

by Susy McMahan

Carolyn and Paul Ashmore, and I arrived in Crawford, Nebraska on Thursday, August 28, so we could be up bright and early Friday morning for the field trip of the day. A guided field trip is always held Friday, Saturday, and Sunday mornings.

After a helping of my favorite, home-cooked sausage and biscuits, we set off into the grasslands to hunt for the elusive Fairburn agate, jasper, petrified wood, among others. The rainy weather made for great hunting. While the three of us didn't find that elusive Fairburn, others did. We found plenty of keepers though, and are now able to go out on our own to hunt.

There were many dealers at the outdoor swap near the park in Crawford. There was everything from agates to fossils. The weather was perfect, with a few rainy patches here and there. We saw old friends and we always make new friends!

The 16th Agate Collectors meeting was held Saturday afternoon, with author Roger Clark speaking on Fairburn agates. He offered some new tips for collectors. Another speaker was Pat McMahan (to our knowledge we are not related, but we plan to share genealogy). Pat has traveled world-wide, collecting agates with inclusions. He has co-authored two books, and his website can be found at <http://www.agateswithinclusions.com>. Pat had fabulous pictures of probably every type of plume agate, and the colors were amazing. He even shared tips on his methods of photographing rocks, which many photographers today won't share.

That evening was a bar-b-que and live auction. We ate in Chadron at a favorite Mexican restaurant, rather than at the bar-b-que, then hurried on to the auction. Carolyn got some nice specimens, as did I. I also won a crocheted art piece that says "I am a Rockhound." It will be part of my show and tell at the next meeting. The lady who made it takes orders for anything, family names, etc.

On Monday, we were off on our own collecting, and got caught in a storm. We watched the black clouds closely, and the lightning, too. When it got close enough, we hopped into the car and left. It was both scary and exciting.

If you have never been to the "Crawford Swap," try to go next year over Labor Day weekend. It is beautiful country, and there are many attractions in the area. Fort Robinson State Park is very close to Crawford. You can rent a soldier's barrack, or a room in the main building.

There is horseback riding and many other activities and history located there, much to be found at the Fort Robinson Museum. You can even buy rocks in the gift shop. We stopped by there and also went to the Museum of the Fur Trade at the suggestion of Richard Farlow from the Omaha club. It was amazing. For example, they have the largest collection of guns that were traded to the Native Americans. There were also many, many historical items related to the fur trade.

Other attractions in the area are the Mari Sandoz High Plains Heritage Center, Dawes County Museum, Chadron State Park, Nebraska National Park (mainly for hiking), Toadstool Geological Park, and the Hudson-Meng Bison Bonebed which is much like Ashfall State Park, but the animals died in a different way. Crawford is very near South Dakota and Wyoming; those places boasting their own activities.

Thanks to the members of the Northwest Nebraska Rock Club, their families, and friends who help make this great event happen each year! Did I mention they have homemade breakfast and lunch, plus water, soda, and the coffee is always on, at reasonable prices? And lots of rocks! If you can't find what you want, you can more than likely buy it there.

Silversmithing classes

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

Tuesdays

August 12, 2014

thru

September 30, 2014

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

AUGUST ROCK PARTY

By Sharon Marburger

Photos by Jayne Beer, Jim Marburger, and Sharon Marburger

The August Rock Party was held at the Omaha home of Bruce Sturges on August 23. Fourteen people showed up to share in the rock hobby fun and good food. The assortment of people included Omaha club members, Lincoln club members, and some friends who are contemplating joining one or both clubs.

The Marburgers and the Beers took equipment and projects to work on. Corey worked on some Montana agate collected during the Terry, Montana trip. Sharon ground and polished some windows in agates, jaspers, and petrified wood found on the Verdigre, Nebraska field trip. Ila Kunc was preparing a chunk of soapstone for carving, while other worked on cabochons and various grinding, sanding, and polishing projects.



ALAA EXCERPT FROM TOM NOE

COMPLACENCY HAS LED NOWHERE

By Shirley Leeson, ALAA President

As president of American Lands Access Association, I have been working on the many problems rockhounds are having because we are not receiving the recognition we deserve. We have only ourselves to blame. For many years in the 1970s and 1980s, rockhounds were involved in land-use decisions made by both the National Forest Service and the Bureau of Land Management.

Then complacency set in, and we were mistakenly told that getting involved in government policy-making would jeopardize our 501(c)3 status. So, many of the clubs who had participated earlier went to the sidelines and sat. A lot has taken place on our public lands since then, and rockhounds for the most part have not been included in the process. The sad outcome of this is that now we are not recognized in many states. Rockhounding was once identified as a category under "Recreation," but now it's been eliminated, and in southern California last year, some BLM managers were under the impression that rockhounds and rockhounding were dead, which I objected to vigorously.

So here's my challenge to you. GET INVOLVED. Make your voices heard. The bitter truth is this: if we don't get out there and participate in decisions that will change the way our public lands are administered, then we are all doomed to backyard garage sales to find suitable lapidary material.



LGMC is a proud member of ALAA

--Edited and excerpted from the ALAA Newsletter (Apr.-June, 2014)

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. Contact Shirley at president@amlands.org.

MINERAL MONKEYS

By Carolyn Ashmore

Hello again, Juniors. WOW! What an end to the summer vacation! I hope you all had a safe and wonderful time this field trip season. Now that summer break over and school is back in session, I thought for our September meeting we'd do what we did last year; everyone bring a special rock, mineral, or fossil from your collection, or something you found on a field trip this summer that you would like to share with the rest of the group. We all had a great time with this last year. There were a lot of neat specimens brought that evening, and the wonderful stories of how the specimens were found were very exciting for all of us. This gives everyone a chance to show and tell about that special something in their collection. Be prepared for the many questions you'll get when presenting your specimens.

We also will be talking a little bit about the Future Rockhounds of America program, which determines how your badges are earned, as well as future activities at our meetings. I have arranged for a very exciting and educational nine months of activities for you, my young friends.

Don't forget to be thinking about your costume for next month's Halloween Club meeting. Come dressed as your favorite rock, mineral, or fossil, and you may even win a prize!!! ROCK ON!

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

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

IDEA FOR A NEW COLUMN

By Sharon Marburger

I saw the following article in the Denver Gem and Mineral Guild's May newsletter. As I read the article, I thought what a great idea. Not only does it lend a voice to a new member, it could be a useful tool to improve a club's ability to communicate and to learn how to better meet the needs of its membership. By the author remaining anonymous, it would allow the author the freedom to speak plainly, without fear of reprisal.

After you read the article below, consider the possibilities. I offer this opportunity to new LGMC members. You may contact me (your anonymity being between us) or you may mail your articles (keeping your identity to yourself).

THE AGONY AND ECSTASY OF A DGMG NOVICE—A NEW COLUMN

Ed. Note: An anonymous member is contributing reviews of DGMG meetings as seen through a new member's eyes—don't try to figure out who it is—just try to make all our visitors feel good about coming to our DGMG meetings!

May. May's meeting will bring the much awaited presentation on pegmatites. I'm ready. I'm studying. I think I like pegmatites. Well...I finally was able to go to a gem and mineral show. The one on Easter weekend where I-70 intersects with I-25. I came away with a very mixed impression of the gathering. Novice that I am, I was not impressed with the layout of the show. What I expected was to see an array of color, gorgeous specimens, and helpful vendors. I think my expectations were too high. I did not see an array of color. I did see some beautiful specimens, albeit they required some searching to find them. And the vendors? I wanted them to be more helpful. Maybe, it is because they are there just to make money (which, of course, is their primary reason for attending). I was looking for geodes, unbroken geodes. And, I was looking for specimens that fluoresce. Well, none of the vendors that I asked had any unbroken geodes. Neither did they have any suggestion of which other vendors might have them. I know that to ask for specimens that would fluoresce was a very specific request. I did think that perhaps ONE vendor might have something, and when I talked to a vendor from South Dakota, he and his son talked at length about specimens they had in a box under their table. They pulled out a couple of rocks; we talked at more length about my inexperience with rocks, in general, and how I really didn't know much about black lights, either. They told me the two small specimens they showed to me would need to be "charged" with the black light before they would fluoresce. I must say that even to this novice, the story sounded (at the time) a little like being sent on a snipe hunt. But, as the novice that I am, I didn't argue with them. I thanked them for the two specimens (which they just gave to me - no cost) and took them

home (but, as I left South Dakota booth, I wondered if I had something tattooed across my forehead or chest that identified me as GULLIBLE). I had two days to "charge" them before I would need them for a class. And, two days later, they still did not have a streak of fluorescence when hit with a black light! However, in my own collection, I had a large piece granite (about the size of both of my fists). I broke this piece into many smaller pieces (so the students could each have a piece), and as I was cleaning up the extra pieces, I thought that I'd just give them a flash with the black light. Behold! In several of those pieces, there was the flash back of fluorescence when the black light shined on them! They did not need to be "charged" to show fluorescence. Hmmmm.... The shows vendors were located in various areas: the main (but very small ballroom), the lobby, the outside tent, and in individual bedrooms where merchandise was spilled across beds and end tables, as well as on tables that were brought in by the vendors. The venue left little opportunity to see the show as a whole. In my humble opinion, it was a great hodge-podge of "stuff." When sharing my thoughts with people who attended the Denver Gem and Mineral Guild show, to a person they said, we are very thankful that our show is in the capable hands of OUR members. They really know how to put on a show! P.S. I went home from the April meeting thinking about Iceland. I believe I could live there quite comfortably.



President - Linda Burns
burns.henley@gmail.com



TIPS & CHIPS

Denver Gem & Mineral Guild
Founded March 1964
2722 S. Salsbury Street
Denver, Colorado, 80227

2nd Place RMFMS 2012
4th Place AFMS 2012

May 2014

[HTTP://WWW.DENVERGEM.ORG](http://www.denvergem.org) OR
[HTTP://DENVERGEM.ORG](http://denvergem.org)

NOMINATIONS

By James Marburger

It is that time of year again. Nominations will be accepted from the floor at the September meeting. Please come prepared with nominations for the following offices and positions:

President
 1st Vice President
 2nd Vice President
 Secretary
 Board Members
 Nominating Committee (2 positions)
 Long-Range Planning Committee (2 positions)

If anyone is interested in taking over as Editor of the Pick & Shovel, please let President Ed Dvorak know.



Your
 feature,
 article,
 or
 poem
 could
 have
 been
 here!

Heart of Gold Jewelers

Gallery . Fabrication .
 Repair . Classes .

Jewelry repair and
 custom fabrication in
 silver and gold.
 We can help you turn your
 stones or metal into
 beautiful new jewelry
 pieces.

Open Monday through Saturday
 2701 North 48th Street, Suite #1
 Lincoln, Nebraska
 402-325-0465
heartofgold2@windstream.net

TANZANITE

Published in the September 2014 Quarry Quips, Wichita Gem & Mineral Society

Tanzanite, a recent entry to the world of gems, was first discovered in northern Tanzania near Mount Kilimanjaro in 1967 by Ali Juuyawatu, a member of the local Masai tribe. He showed his find to Manuel de Sauza, a prospector who was exploring for rubies. By 1968, samples of the new find had made their way to Tiffany and Company in New York. Tiffany named the gem tanzanite for its country of origin; introduced it to the public and held exclusive marketing rights into the 1980s. The gem's popularity was soon established and market demand rapidly increased. In 2002, tanzanite was added to the list of official birthstones promulgated by the American Gem Society. The first such addition since 1912, it joined zircon and turquoise as the official stone for December.

Tanzanite is a gem variety of the mineral zoisite, a hydroxy calcium aluminum silicate, $\text{Ca}_2\text{Al}_3(\text{SiO}_4)_3(\text{OH})$. Although zoisite itself is not an especially rare mineral, its tanzanite variety to date has been found only in an eight square mile area in northern Tanzania. A member of the epidote group of minerals, zoisite is a polymorph (having the same chemical composition but a different crystal form) of more the common clinozoisite. Zoisite is colored pale green to gray or pink (rare) to reddish-brown with the tanzanite variety being colorless to pale yellow to the desirable shades of blue and violet. Some of the reddish-brown crystals are converted to blue by heat treating to temperatures around 500°C . (932°F). Crystals are vertically striated prisms forming in the orthorhombic system. They ordinarily are in the one to ten carat size range but some exceed 100 carats. The largest known tanzanite crystal is the "Mawenzi" named for one of the craters at Kilimanjaro: it weighs 7.24 pounds (3,367.8 grams or 16,839 carats) and measures 8.6 x 3.0 x 2.7 inches (220 x 78 x 64 mm). Mohs hardness of tanzanite is 6.5 and its specific gravity ranges from 3.10 to 3.38. It displays perfect unidirectional cleavage. A color shift from blue in daylight to violet under incandescent light is sometimes seen. It exhibits perfect one-directional cleavage. Being a variety of zoisite, tanzanite is a metamorphically formed mineral found in marble or schist formations within the late Precambrian age Mozambique Orogenic Belt in East Africa. The zoisite/tanzanite may have been formed there from hot mineral-filled fluids during the forming

of Mount Kilimanjaro during Tertiary time. The fluids likely traveled through a major fault or rift zone that trends northwest to southeast through northern Tanzania.

As noted, naturally blue tanzanites occur but are rare. Heat-treating is undetectable so it is best to assume that all blue tanzanites have been heated. Larger gems which display deeper blue hues are the most expensive. Small gems are more of a pastel blue. Most heat treating and cutting seems to be done in Thailand. Some smaller stones have been found to be coated with a layer of cobalt or titanium to enhance the color so the buyer must be cautious. Current prices offered by reputable dealers for well-colored gems are around \$400.00 to \$500.00 up to \$700.00 per carat for gems in the 3.0 to 5.0 carat size range. Larger or exceptionally colored stones bring greater per carat prices. A 4.36 carat marquise-cut tanzanite was priced at \$850.00 per carat or \$3,261.00 total. A 17.65 carat cushion-cut tanzanite of excellent color was offered at \$18,532.50 or \$1,050 per carat. A beautiful 3.34 carat purple-blue gem was offered at \$800.00 per carat or total \$2672.00. Light-colored stones in sizes less than a carat are approximately \$100.00 to \$200.00 per carat. No new sources of tanzanite have been found and its mining is more or less controlled by the Tanzanian government. Reportedly, the known deposits are being mined out so the gem's rarity will increase on the market. So long as the public fancy demands tanzanite gems, the price will rise.

References:

Etanzanite.com. 2014, *Tanzanite Information & Buying Guide*. www.etanzanite.com. (downloaded 10 March 2014).

Klein, Cornelis & Hurlbut, Coenelius S., Jr. 1985. *Manual of Mineralogy (after James D. Dana)*, 20th ed.: New York, John Wiley & Sons.

Kröner, A. & Stern, R.J. 2004. "Pan-Africa Orogeny, North African Phanerozoic Rift Valley" in *Encyclopedia of Geology*, vol. 1, Amsterdam, Elsevier Publ.

The Tanzanite Foundation: The Story of Discovery. www.tanzanitefoundation.org/tanzanite-history. (downloaded 5 March 2014).

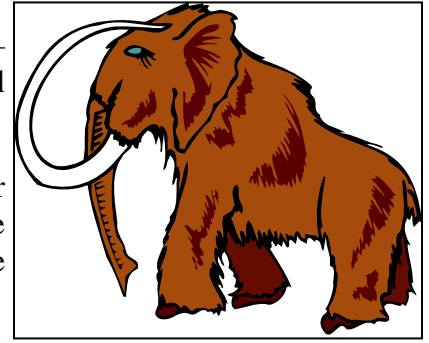


EONS EXPOSED!!! MIDWEST FEDERATION SHOW AND CONVENTION

by Karen Leibold

Fall is fast approaching! The 2014 MWF Convention is in the fall this year – you did not miss it. So.... Come to Des Moines and discover what eons of glacial activity brought to Iowa!

Our vendors bring fossils, gems, specimens, rough, slabs & cabs from all over the world; and the tools to expose and manipulate your finds into unique forms. Come view exhibits, displays, children's activities, and presentations focused on both the sciences and the arts involved in this ancient endeavor of exploring earth's treasures.



Special exhibits include the Mahaska County Mammoth and a Giant Sloth provided by the University of Iowa; a fluorescent mineral display tent; panels showing the origins of Iowa terra firma; and, many interesting & colorful smaller displays.

Presenters so far include the two MWF Scholarship winners: Deserae Wojick, Iowa State University (ISU), Marine Foraminifera (essentially marine amoeba with shells); and Joshua O'Brien, ISU; Gahnite (zinc spinel) as an Exploration Guide. Additional presenters include: John Hill, Iowa Keswick Agate; Chuck Safris, Animal Tracks – Ichnology; Jim Kraai, Rock Storyteller; John Franklin, Anticlastic Rising of Metal; Mike Whitney, Cabbing.

A pre-show Friday, October 17 field trip to a Des Moines area gravel pit will provide participants with the opportunity to collect and see ALL the “eons exposed” – granted, they are in a mixed-up jumble – but that's what glaciers do! Can you sort it out? Our local experts welcome your knowledge to the challenge. Lakers and mammoth teeth are to be found; along with anything else that originated north of what is now Iowa. Indicate your interest on the 2014 MWF Convention registration form.

All information and registration materials are on the MWF website. E-mail Karen Leibold, kcleibold@aol.com if you have questions. Hope to see you at the show.

As published in the *MWF News*, September 2014

J J & L Rocks & Minerals

P.O. Box 68
Hickman, NE 68372

330 Locust
Hickman, NE 68372

Lee Harrison
Eric Harrison
402.792.2337

James Marburger
Sharon Marburger
402.792.2348

jimandjohn@jjlrocksandminerals.com
www.jjlrocksandminerals.com
jjlrocksmin - Ebay Username



Proudly serving
the hobby for
36 years

SOME ROCKS SEEN AT SANTA MONICA, CALIFORNIA

By Sharon Marburger

At the end of August, I flew to Los Angeles to attend a funeral. For therapeutic reasons, my son took the family to some tide pools at Santa Monica. While others were looking for marine life I, of course, searched for cool-looking rocks. Here are three of the neater ones.



Photos by Sharon Marburger

STANDING COMMITTEES CHAIRMEN

Audit	Ed Dvorak James Marburger Roger Pittard
Christmas Party	Edward Ridge
Education / Librarian	Charles Wooldridge Judy (Leick-Cropp) Anson
Facebook	Andrew Tiedje
Field Trips	James Marburger
Geology Day Coordinator	Jayne Beer
Grinding Party	Jayne Beer
Historian	Sharon Marburger
Legislative Liaison	Susy McMahan
Membership Record	Edward Ridge
MWF Liaison	Vera Lyman
Programs	Jayne Beer/Judy Anson
Property	James Marburger
Refreshments / Door Prizes	Vera Lyman
Roadside Clean-up	James Marburger
Scholarship	Vera Lyman
Show—2015	Ed Dvorak
Swap—2015	Jayne Beer
Website	Jim & Sharon Marburger
Youth Activities	Carolyn Ashmore Susy McMahan

LONG RANGE PLANNING & BY-LAWS COMMITTEE

Jim Marburger, Chairman

1 year:	Charles Wooldridge Sharon Marburger
2 years:	Vera Lyman Ed Dvorak
3 years:	Edward Ridge Robert Cropp

NOMINATING COMMITTEE

Jim Marburger, Chairman

1 year:	Brad Nielsen Roger Pittard
2 years:	Vera Lyman Edward Ridge
3 years:	Robert Gritmit Sharon Marburger

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.

2015 SHOW COMMITTEE

Chairman:	Ed Dvorak
Breakfast:	Vera Lyman
Dealers:	Charles Wooldridge
Demonstrators:	Carrie Burkhardt
Displays:	Jayne Beer, Ed Ridge
Event Center Liaison:	Vera Lyman
Finance & Ticket Sales:	Jim Atkins, Vera Lyman
Floor Chairman:	Dvorak/Wooldridge
Forms:	Sharon Marburger
LGMC Club Booth:	Bob Gritmit
Nebraska Gem Dig:	Charles Wooldridge
Plants:	Ed Ridge
Printed Program:	Sharon Marburger
Publicity & Promotion:	Jim Marburger
Ribbons & Recognitions:	Sharon Marburger
Security:	Vera Lyman
Show Flyer:	Sharon Marburger
Silent Auction:	Carrie Burkhardt
Special Features:	
Web Master:	Jim Atkins
Youth Activities:	Carolyn Ashmore Susy McMahan

If there is something you would like to do for the Show or to help with planning of the Show, let Ed Dvorak know.



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 FEATURES, ARTICLES, POETRY, OR DRAWINGS.

LGMC is a member of:



This Editor is a member of Special Congress Representing Involved Bulletin Editors

