



PICK & SHOVEL

February 2016, Volume 58, Issue 6

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.

BOARD OF DIRECTORS

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Board Member

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2016 MEETINGS AND ACTIVITIES

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

Thursday, Feb. 18 - Program: *Agate Uber Alles*
See page 10 for details

Thursday, Mar. 17

Thursday, Apr. 21

Thursday, May 12 (Please note the May 2016 meeting is to be held on the **second** Thursday of the month)

Thursday, Sep. 15

Thursday, Oct. 20

Thursday, Nov. 17 (Annual Business Meeting)

Sunday, Dec. 4 (Christmas Party & Awards)

Board

Wednesday, Feb. 3: The Jewelry Connection

Wednesday, Mar. 2: Fred McVay Residence

Wednesday, Apr. 6: TBD

Wednesday, Apr. 27 (May Meeting): TBD

Activities

Thursday, Mar. 3: Science Fair

Sunday, Mar. 13: Geology Day

Apr. 1: Show Set-up Day

Apr. 2-3: Annual Show

REFRESHMENTS

Feb 18: Lyman & McVay

Mar 17: Marburger & Dvorak

Apr 21: Tiedje & Ashmore

May 12: Ashmore & Schleiger

Sep 15: Lyman & Beer

Oct 20: Schleiger & Ashmore

Nov 17: McMahan & Beer

FEBRUARY BIRTHDAYS

 **Ed Dvorak**
Charles Wooldridge



Thursday
March 3
Lancaster Event Center



Sunday, March 13
Pioneers Park Nature Center
Prairie Building
1:00 - 4:00 p.m.

PRESIDENT'S MESSAGE

by Ed Dvorak

Did the big snow storm bring back memories of winters past? It did for me, but the only difference is I didn't have to go out and move snow for 12 hours! I didn't have to go anyplace, so I just looked out the window and enjoyed the snow for once. When you go out to shovel snow, take care, be safe, and stay warm.

If you can get to your rocks and machines, good for you. This way you won't go house crazy being cooped up. You can work on that project that was put aside long ago. A lot of my projects are on hold. I always find another one to start, but never finish -- YET! I have a lot to look forward to and keeping busy.

If you are an adult and plan to participate in the

Science Fair, contact Susy McMahan with your name, address, e-mail address, and shirt size by February 10, if possible. We have been granted a short extension of time to let the coordinators of the Science Fair know who will participate, but sooner is better than later. If you are a youth wanting to participate, send Susy your name, school, and shirt size. The same deadline applies.



Pat and I will not be at the February general meeting, but Jane will do a great job filling in as President.

Be safe and stay happy!

GENERAL MEETING MINUTES

General Meeting Minutes for January 23, 2016
Bethany Park Shelter House
James Marburger, Secretary

- ◆ Meeting was called to order by Ed Dvorak at 7:00 p.m.
- ◆ Attendance: Junior members - 6
Junior guest - 1
Adult Members - 23
Adult Guest - 1
- ◆ Minutes of the General Meeting & Christmas Party on December 6, 2015 were printed in the Pick & Shovel. Motion to accept the printing of the minutes by Carolyn Ashmore, second by Charles Wooldridge. Passed.
- ◆ Treasurer Report was given by Treasurer Vera Lyman. Motion to accept the report by Pat Dvorak, second by Susy McMahan. Passed.

OLD BUSINESS:

- ◆ A sign-up sheet for providing monthly meeting refreshments was passed around. Please sign up.
- ◆ A retirement party for Judith Bay will be held February 7, 2016. See the invitation in the January 2016 issue of the Pick & Shovel for details.
- ◆ A big round of applause for Jayne Beer and

helpers who participated in the 2016 Mid-Winter Swap today. The swap was attended by many good swappers who had many items that needed, and got, new homes. Also thanks to all that brought refreshments for our guests. Many stories were swapped at the pizza party after the Swap.

NEW BUSINESS:

- ◆ Carolyn Ashmore received an e-mail communication from Wade Beins, Senior Geologist for Cameco Resources' Crow Butte Operation from Crawford, stating he is available to bring displays and programs on many topics to our show in April. He requires motel and travel expenses. Charles Wooldridge will procure a motel room for him.
- ◆ 2016 Show cards for advertising are available now. Please contact James Marburger to receive them for distribution.
- ◆ Motion to adjourn at 7:45 p.m. by Vera Lyman, second by Fred McVay. Passed.
- ◆ Meeting adjourned to refreshments and a video on GOLD from the Home Stake Mine in South Dakota. Presented by Susy McMahan. It was a very informative and fun propaganda old time (1940s style) film. Many aspects of mining for gold and the recovery of gold were presented in the film.

MID-WINTER SWAP

by Sharon Marburger, Board Member & Editor

Lincoln Gem & Mineral Club, Inc.'s Mid-Winter Swap was held the afternoon of Saturday, January 23, 2016, at the Bethany Park Shelter House. Fourteen swappers brought a variety of rocks, minerals, fossils, slabs, faceting material, finished cabochons and faceted gems, finished jewelry, and other items of interest to rockhounds and collectors.

I sat at the entry table with Vera Lyman. We greeted visitors, answered questions, sold swapper bucks, collected silent auction funds, and handed out membership applications to those who requested them. As the day wore on, we also collected membership dues and pizza supper donations. I think there was only about 20 minutes that we weren't busy with things.

Paul & Carolyn Ashmore and Sharon Schleiger ran the Silent Auction, with some identification help from Jim Marburger, Andrew Tiedje, and me. Usually there is an excited crowd hovering around the Silent Auction tables, but this year there were so many swapper deals that few had interest in the auction. It was really too bad because there were some beautiful items donated. Nate gave a bunch of what he calls "dog rocks" to be auctioned off. They are cabochons that don't meet his perfectionistic expectations. I can tell you, though, that his worst stone is better than my best!! I'm hoping to see these leftover items at the Show Silent Auction. As always, we thank Nate for his donations.

Immediately following the Swap, the Mineral Monkeys met for a lesson on gold. Vera and I intended to sit in on the lesson, but cashing in the Swapper Bucks and making sure the accounting books were accurate, kept us away from it.

I believe everyone was fairly happy at the end of the day. Good swapper sales followed by good food and good fellowship - what more could one ask for?



by Fred McVay, Board Member

Thanks to Sharon for the little nudge to become more involved and share one's thoughts and experiences. I'm a fairly new member, as this past rock swap was only my second. Last year was a bit of a letdown for me, as I brought what I felt were my prettiest agates that I had face polished on the Genie and I sold only a few. I expressed my disappointment to Corey Beer and he told me that rough rocks work better at the swap, and to save the really nice ones for the show in April. Sure enough, this year I cleaned out my closets and brought all the stuff I really didn't see a future for, and it worked. I sold enough for another couple of cutting blades or a wheel for my Genie. Thanks for the tip, Corey. I felt that the crowd was fairly steady and, overall, I think it was a great swap.

Swap Day From the Eyes of Jayne Beer

by Jayne Beer, Swap Chairman & 1st Vice President

It seemed like everything went smoothly and I heard virtually NO complaining. I must say that I attribute that to all the people that work so hard to make this event a success. Vera and Sharon are at the top of that list. They both work so hard to run the front table. I noticed that there was almost not a moment's break for them with all the buying and selling of Swapper bucks. Then there was the silent auction that Carolyn and Paul worked non-stop to keep going, and they did a great job. I appreciate Fred McVay for getting there early to help set up the tables. Eddie Ridge was so helpful as always, helping to put out the signs and help with setup.



Jayne and Judith packing up their booth

Thanks to Jim Marburger for bringing those signs; I don't know if they are new signs or what, but they were very nice and great to let people know where we were. A great addition.

Thanks to those who were so generous in supplying treats for all to snack on. It was

(Continued on page 8)

BOARD MEETING MINUTES

Board of Directors Meeting Minutes for January 6, 2016

Vera Lyman's home

James Marburger, Secretary

- ◆ Meeting called to order by Ed Dvorak at 6:36 p.m.

President Ed Dvorak	Present
1st Vice Pres. Jayne Beer	Present
2nd Vice Pres. Charles Wooldridge	Present
Sec. James Marburger	Present
Treas. Vera Lyman	Present
Carolyn Ashmore	Present
Sharon Marburger	Present
Fred McVay	Present
Andrew Tiedje	Absent

Visitors: Pat Dvorak and Ed Ridge.

- ◆ Minutes of the last meeting were presented. Motion to accept by Sharon. Second by Carolyn. Passed.
- ◆ Treasurer's Report was handed out. Motion to accept by Fred. Second by Carolyn. Passed.

OLD BUSINESS:

- ◆ The 2016 club budget was handed out. Motion by Vera to accept. Second by Fred. Passed.
- ◆ The Long Range Planning Committee has two vacancies. Vera and Ed D. have volunteered to serve for the 3-year terms.
- ◆ James is to call a Long Range Planning Committee meeting to discuss dues and other items for the club. Maybe this can be done after the swap, otherwise a meeting will be called.
- ◆ Sharon brought up a concern about online membership applications not getting the necessary follow-up in a timely manner for the applicant and payment of dues. It was suggested that a follow-up call or e-mail be done. Vera has two previously submitted applications from the web; one will get back with her and the other she has not been able to contact.
- ◆ Vera has contacted the library about the meeting dates for 2016, and all dates were rejected. It was decided that the 2016 meetings would be held at various locations since the library is not available. The meeting locations will be published in the

Pick and Shovel, with reminder e-mails to the board of directors.

NEW BUSINESS:

- ◆ The NAES annual meeting will be at our show in April at 1 p.m. on Sunday. Item is tabled until next meeting.
- ◆ Jayne Beer has volunteered to be SHOW CHAIRMAN for 2017.
- ◆ Dvoraks will be gone for the February general meeting and the March board meeting.
- ◆ Motion to adjourn by Fred. Second by Carolyn. Passed. Meeting adjourned at 8:00 p.m.

MINERAL MONKEYS

by Carolyn Ashmore

Greetings Juniors!

At the February meeting, we will read your presentations on "The Many Uses For Gold." Remember, you can get help with your research; use your city library or the internet, or maybe your school or your parents can help you complete this part of the assignment for the Gold Panning Unit. We talked a lot about the many modern day uses of gold at the last meeting. Susy and I are looking forward to hearing all your articles.

After the presentations, we will be working again with the senior members. I will be handing out another copy of the "five things I learned from my senior" to help you continue gathering the information needed to write your article about your senior member. That article is due in May.

A couple of reminders:

- The Science Fair is Thursday, March 3, 2016. We should have more information for you at this meeting.
- The Midwest Federation Poster Contest deadline is April 15, 2016. If you haven't already decided which agate you want to draw, you'll need to do that now! You should be starting on your poster soon.



DOUSING IS WHERE YOU FIND IT

by James Marburger

There have been numerous articles written about the art, or gift, of dousing. The possibilities are fascinating, whether you believe in this subject or not. Many things can be used as dousing tools. As a young lad, I was introduced to the art at an early age. I remember one time at my home in Humboldt, a problem came up with the water lines to our house. The city water folks had to come out and find the shutoff valve. After about an hour of searching with maps and a pipe locator, they had dug up a lot of the front parking area, with no luck of finding the shutoff. (The riser had been broken off below the surface.) A passerby asked what was going on, and wondered if he could help. Out of the leather pouch on his belt he pulled a common CeeTee pliers, or farmer pliers. Holding it by the bolt so the handles were parallel to the ground, he started to walk around the large hole that had been dug. In just a few minutes, the handles of the pliers opened full wide apart. He said, "Try here." Within a few shovels of dirt, there was the broken shutoff riser.

Another bump with dousing was when I was visiting Stan Shurtleff, a rockhound friend and manufacturer of rock equipment north of Humboldt. He built grinding units, flat laps, and rock saws in his shop for many years. Being an avid rockhound, he also collected local rocks around the area of his farm. While visiting him one time, we talked about the glacial tills of the area and how to identify the best areas to look in. This was due to having three glacial till types all mixed beside each other in the area. He said that he looks on the topographic maps of the area first with his rock locator. Okay, now I wanted

one of these locators. He used a tip section end of a bamboo fly rod, about 3 feet long, with a sample of rock taped on the end. Holding the rod and moving it slowly over the topographic map it began to bounce. "There," he said, marking in pencil the area where he felt the strongest pull. "You should find Lake Superior agates on that hill." It worked! He further said that whatever sample you taped to the stick, that is what it was going to locate. As for the stick, it could be most anything, but it had to be flexible and natural.

To hone my dousing skills, we went to the rock room and placed samples on the floor and covered them with a cloth. We then affixed the sample to the rod and started looking for what was under the cloth. Holding the rod parallel to the floor and moving over each of the lumps, wham! it would start to bounce. There was the rock that we were looking for. Strange? Yes. Spooky? Yes. Moving the rocks around again in a different order, I was able to locate it every time.

Throughout history, dousing has been used to locate water, minerals, oil, gold, and many other items. Does it work? Yes. No, not everyone is able to connect with this unique power of man. If this has piqued your interest, a short trip to the internet *Wizard of know it all*, GOOGLE, to research dousing. Try it. You might just save some time looking for rocks, and also have some fun with it.



J J & L Rocks & Minerals

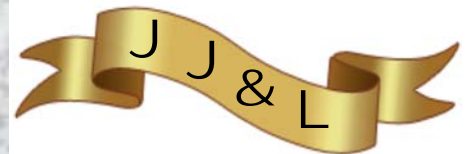
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**Proudly serving
the hobby for
40 years**

ALAA NEWS

Will Rockhounds Still Have Access to Graveyard Point, McDermitt, Texas Springs, Davis Creek, etc.?

Excerpted by Tom Noe

The following sentence comes from the ALAA board minutes of October 24: "The sage grouse issue is still with us and that alone could shut down the lion's share of the West." The issue is that sage grouse and their nesting areas have to be protected, and federal regulators are now discussing which activities will be allowed on land that is considered sage grouse habitat (10 million acres). Will they allow camping in these public areas? Hiking? Rockhounding? As of now, rockhounding is NOT considered a recreational activity that will be allowed on these lands. Below are two paragraphs from a long letter that past ALAA President, Shirley Leeson, wrote to BLM officials in DC:

Many of the areas that will be impacted are located in SW Idaho, SE Oregon and N Nevada, but also SC Idaho and NE Nevada. They include: Gravepoint Point, Texas Springs, McDermitt and Davis Creek, long-time rockhounding locations known throughout the US and internationally. But they are only the well-known areas, there are hundreds more. What is the economic impact on those small towns close by, and USFS and BLM camping grounds that won't be used any longer, with these areas closed to casual collecting?

Rockhounding as a recreational activity does not present a negative impact to the management of sage grouse and is allowed under federal law. We request that rockhounding be identified as a recreational activity in the ROD implementation plans, allowing rockhounds and the public to continue collecting rocks and minerals in sage grouse management areas.

<http://amlands.org/190534.html> has lots more information on this. If you want to write Washington about this, do it soon. If any club members want to read Shirley's letter and the letter I wrote, contact me at tomnoe2@gmail.com.



LGMC is a proud member of ALAA

JUDITH BAY'S RETIREMENT RECEPTION

All LGMC members are invited to attend
a retirement reception for Judith Bay
on Sunday, February 7, 2016
from 2:00 to 4:00 p.m.
at the Colonial Chapel,
5200 R Street, Lincoln.

Silversmithing classes

Tuesday Evenings

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

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

Tuition: \$120 plus \$30 supply deposit

Session 1: Jan 5 - Feb 23

Session 2: Mar 1 - Apr 19

Session 3: Apr 26 - Jun 14

Summer Break

Session 4: Aug 9 - Sep 27

Session 5: Oct 4 - Nov 22

Contact:

Jayne Beer 402-890-3307

Judith Bay 402-423-7058

or e-mail

jbeer60070@aol.com

Dues are now PAST DUE!

Payment of your dues now includes
a \$5.00 reinstatement fee.

Individuals - \$20.00

Family - \$30.00

RESPONSIBLY CARE FOR YOUR PILE OF ROCKS

by Neal Behnke

From Facebook "Rock Hound" Public Group

So, you are one of those people who has a really, really big pile of rocks. So many, in fact, that your family and friends have made comments. It's Sunday morning and Uncle Neal has some tips and tricks to remedy your current situation.

If you think your Mt. Dustmore will just go away, you are deluded. It's like thinking that your car insurance company will call and thank you for being a good driver, and give you a year off making payments. That rock pile in the side yard, the front yard, and in crates out back is only going to get larger until it punches a hole in the earth and swallows your house. This actually happens quite frequently but rarely gets reported, as most neighbors are too busy to notice an event that only takes 12 seconds.

Make sure if you do have rocks placed in a massive pile that you rotate them regularly. This does not just mean hosing them off before friends come over; no, this is a careful rotation of the older stock, back to front as it were. This is a good way to get exercise, note new things about the rocks, and make it seem to your spouse that this is a legitimate hobby. Keep a bucket and small pointed stick handy to capture rodents and large jumping spiders.

Part of the rock hound's code of conduct is that when a rock hound first comes to your home, they sniff around your pile. Unfortunately, this may be a problem for some of you without large piles or who live in apartments. Rocks can be placed on the stairs leading to your door, in large, overflowing buckets or on the kitchen countertop. Make sure that they are placed in a way that, like nature, can trip or maim you. Do not worry about theft as most who

are not rock hounds do not even see these rocks, like people do not notice fire extinguishers or engine oil lights.

If you have relatives coming over who have given you lectures about the sins of coveting and how you are destroying the earth (all true, it's in Revelations), and find your entire hobby as some sort of a manifestation of what is wrong and very annoying in the world, then either feign death when they arrive or hide. Covering the "quarry" with blue tarps only annoys them. If you have friends that make rude and cruel comments about your odd propensity towards ruining your yard, leave the Bible your relatives left you open, and point out what happened in Acts 7:59.

Make sure when you bring a new rock home and add it to the pile, you properly remove all tags and price stickers; this includes the ingredient list all rocks now are required to have in California. Waiting for the rain to do it is just sloppy rock hounding.

A good way to see if any of your rocks have been removed either by wandering hobos, Mormon missionaries, or squirrels, is to take a picture and compare it with the one you took yesterday. Repeat daily.

DO NOT just toss rocks on the pile. Gently lay them; this reduces chipping, fracturing, and just makes you look responsible. Standing in the back of one's trunk and tossing rocks over the fence is like shopping, going home and filling the refrigerator from across the room. Sure it's fun, but you will get yelled at, and it really is hard on the door seal.



February Rock Party



Sunday, February 21, 2016 from 4:00 - 8:00 p.m.

at the **Wool**dridge residence

Bring a
potluck item
(or two)

Bring your
project!

Bring your
equipment or
use Wooly's

See page 9
for a special
announcement
about the
Rock Party!!

MID-WINTER SWAP - CONTINUED

(Continued from page 3)

quite a spread this year. As for the sellers, as far as I know, everyone got along well, had fun and were happy with sales this year.

Now, as far as our open hours of the swap, from my point of view, it looked like the customer numbers were way up this year. It started right at 1:00 and we stayed busy until about 4:30. Then I finally got to do a little shopping. The time goes by in a flash! We had so many students come in and talk to us and we absolutely love seeing so many that we know stop in. I had the pleasure of meeting a lady I have speaking to online in one of the Facebook rock groups that I am in. She and her husband came all the way here from Iowa (about 3 hours away). It's so great to get acquainted with new rock addicts. They had good things to say about our swap and the club members that they met. We did better than last year as far as sales go, I hope

everyone else did also.

At 5:00, the Swap closed and everyone tore down and packed their stuff back into their vehicles; then it was time for the pizza party and meeting and program.

Thank you also to Brian and Corey for being willing to help with all the LGMC events. Let's just say that I can be a little obsessive about preparing, and one way or another they put up with me expecting them to help.

At the time of writing this, I have not heard how well the swap did for the club. I am hoping to hear that we made a good profit this year.

Thanks, everyone, for working together and coming out and enjoying the day.

YOUR SLAB SAW IS YOUR FRIEND

by Martin Dougherty, LGMC member (Arizona)

This short tutorial on how to operate a slab saw is directed toward the new user and can be a refresher for the seasoned slab-meister.

Generally, slab saws are heavy, so find a covered stable area indoors, or outside if you have to. You probably won't be moving it unless it has wheels, and because your saw uses oil as a coolant/lubricant and may spill, take that into consideration, because the area around the saw will be messy no matter what you do. A nearby source of electricity, good overhead lighting, and a workbench next to the saw is essential to obtain the best results.

Safety is number one when working with any type saw. Your electric cord should be a grounded three prong plug with no bare wires showing. Your electric motor size will vary according to blade size - 12", 14", 16", 18", on up to 36" - ½ hp to 1¾ hp. If you need to use a drop cord, the bare minimum to use is a SJTW 16awg cord. The older saw motors, unless they were upgraded, will use a lot of amps just turning them on. Sometimes a saw-cut can take an hour or better to complete, so using a cord that is too small for the amperage will overheat the motor and wear it out prematurely.

Never leave a running saw unattended, even if it has an automatic shut-off. The moment you walk away, bad things tend to happen. Maybe you didn't secure that large rock in the saw vice very well and it moves, binding that \$400.00 blade in a running motor. It is best to stay within 10 feet or so of your saw to prevent expensive mishaps.

So now you want to cut one of those prize rocks you found last weekend; gotta know what's inside, right?!

Your saw uses oil as a lubricant, or it should; using water is insufficient to lubricate and keep the blade cool during cutting. I recommend NOT using water. What I do recommend is an appropriate oil, available through slab saw dealers, and you have many options to choose from. I use a ShellOil product, Amber Neutral Oil 100, available in 5-gallon containers. So how much oil will I need? Just enough to cover the diamonds on the rim of the blade. On my 18" saw, that's 3/8 of an inch. Adding more than what covers the rim will cause unnecessary drag, making the motor work harder. (Overfilling will also spew excess oil into the air, thus covering everything in sight.)

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SLAB SAW - CONTINUED

(Continued from page 8)

My saw is a 1960s Great Western 18" which uses a combination hydraulic feed with a 15 pound weight to pull the rock through the blade, and about 4 gallons of oil to cover the diamonds on the rim of the blade. The speed at which the rock moves through the blade is important; slow is your friend, giving a smooth cut, while too fast a feed will give you hop marks, making more work to finish your piece.

Depending on what type of material you are cutting, mud build-up in the pan will signal when it's time to drain the oil. When the saw blade's diamond rim is in the mud build-up, the motor may run slower, overheat, and shut off due. Soft materials like onyx, serpentine, and howlite are ground away as the rock passes through the saw blade, creating a lot of mud.

When it's time for an oil change, look forward to getting filthy. At this time, the machine's entire interior should be cleaned. My ritual is to let the machine sit idle for at least three days after my last cut to let the mud settle out.

I use a 5-gallon bucket with a wire strainer I made to fit inside and a paper grocery bag resting on that, and drain the oil into the bag. So now there is a layer of mud at the bottom of the pan and oil above that. I pull the drain plug and let the oil drain out. The mud is heavy enough that the oil will drain right over it. Now I have reclaimed 75% of the oil, leaving the mud and some oil. The fun begins when it's time to push the mud through that drain hole and do the same process with the 5-gallon bucket strainer and grocery bag. My machine takes three separate buckets with strainers. The remaining oil, suspended in the mud, will gravitate out into the bucket over several week's time, retrieving a little more oil.



Special Announcement about the February Rock Party

With the advancement of technology and the wealth of information available on the internet, LGMC's library has become obsolete. There has been virtually no interest in the 200+ publications currently in the library.

With Wooly's and Jackie's impending move away from Lincoln, and no volunteers to house the library, the Board of Directors has decided to offer the contents to club members, **free of charge**. This offer excludes the full sets of magazines, unless the sets are taken as a whole.

Attend this Rock Party, have some hobby fun, visit with people who love the same things you do, and then go home with some valuable treasures from the library! The subject matter covers the broad spectrum of our hobby. Many of the books are out of print and no longer available to purchase. There is something for everyone here.

Don't miss out on this unique opportunity!

When: February 21 from 4-8 p.m.

Where: Wooly's & Jackie's

Why?: To have some fun, eat good food, and take home some valuable resources

See You There!

PROGRAM FOR FEBRUARY

by Susy McMahan, Program Chairman

The program in February will be a video from Roger Pabian's collection called *Agate Uber Alles*, by Doug Moore and Don Kelman. There are beautiful agates from Germany, Baumholder Location, other specimens from around the world, and information about the Museum in Idar-Oberstein in Germany.

Our juniors will benefit from seeing the beautiful agates from around the world. They have an opportunity to enter the Midwest Federation poster contest, this year's subject being "Amazing Agates". Juniors are to draw posters of their favorite agates and where they are found. This month's program will give them ideas beyond Lakers and Fairburns, the agates they are most familiar with. We are urging all juniors to participate. The information is on the blue paper they took home from the last meeting.

Everyone will enjoy the pictures of amazing agates and a bit of the history of lapidary!!

REGIONAL SHOWS

Mar. 11-13, 2016

Greater Kansas City Ass'n of Earth Science Clubs
KCI Expo Center

11730 NW Ambassador Dr.

Kansas City, Missouri

Friday 10-8; Saturday 10-7; Sunday 10-5

Contact: Bruce Stinemetz, 816.795.5159

brucestinemetz@att.net

www.kcgemshow.org



Let's get this meeting started!

PIZZA SUPPER

Photos by Sharon Marburger

Following the Mid-Winter Swap, members gathered to enjoy the Pizza Supper, celebrating a successful swapping day and the 61st anniversary of LGMC.



Just hanging out, waiting for the pizza to arrive



Pizza's here! Come and get it!



Yummies and full tummies



STANDING COMMITTEES

Audit	Ed Dvorak, Jayne Beer James Marburger
Christmas Party	Edward Ridge
Education / Librarian	Charles Wooldridge
Facebook	Andrew Tiedje
Field Trips	James Marburger
Geology Day Coordinator	Charles Wooldridge
Grinding Party Coordinator	Charles Wooldridge
Historian	Sharon Marburger
Legislative Liaison	Susy McMahan
Membership Record	Edward Ridge
MWF Liaison	Vera Lyman
Programs	Susy McMahan
Property	James Marburger
Recognition / Awards	Richard Peterson Charles Wooldridge, James Marburger
Refreshments / Door Prizes	Vera Lyman
Roadside Clean-up	James Marburger
Scholarship	Vera Lyman
Show—2016	Ed Dvorak
Swap—2016	Jayne Beer
Website	Jim & Sharon Marburger
Youth Activities	Carolyn Ashmore Susy McMahan

LONG RANGE PLANNING & BY-LAWS COMMITTEE

Jim Marburger, Chairman

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

NOMINATING COMMITTEE

Jim Marburger, Chairman

1 year:	Vera Lyman Edward Ridge
2 years:	Robert Gritmit Sharon Marburger
3 years:	Jim Atkins 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 meeting before being approved for membership.

2016 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:	Ed Dvorak, Charles Wooldridge
Forms	Sharon Marburger
LGMC Club Booth:	
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:	Andrew Tiedje
Special Features:	Carolyn Ashmore
Web Master:	Jim & Sharon Marburger
Youth Activities:	Carolyn Ashmore Susy McMahan

Mail Exchange Newsletters to:

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P.O. Box 5342
Lincoln, NE 68505-0342

Or e-mail newsletters to:
lgmc.editor@windstream.net



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<http://www.lincolngemmineralclub.org/index.php/newsletters/current>

PICK & SHOVEL

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REPORTERS: All members are encouraged to submit features, articles, poetry, or drawings.

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