

THE PICK & SHOVEL



The Official Publication of the
**Lincoln Gem &
Mineral Club, Inc.**

In association with



The Midwest Federation of
Mineralogical and
Geological Societies



The American
Federation of
Mineralogical Societies

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.

GENERAL MEETINGS

THE SUMMER SWAP WILL COUNT AS THE JUNE GENERAL MEETING.

BOARD MEETINGS

Until further notice, Board Meetings will be held at 6:30 on the first Thursday of each month.

**Next Board Meeting:
Thursday, September 2, 2021 at 6:30 p.m.
In person at Wooly's**

CLUB EVENTS

No monthly **Rock Parties** until further notice.

No club-organized **field trips** at this time.

Summer Rock Swap: June 26 & 27; Beer Family Farm near Ashland, Nebraska. See flyer and information on pages 4 & 6.

We are in need of volunteers to help out at the Swap. Directing traffic, spending time in the Club Booth, and lending a hand wherever help is needed are some of the ways you can help. Please contact Corey Beer or any other Swap Committee member.

In lieu of a General Meeting in July, the Board is planning a picnic in the park, July 15 at 6:00 p.m. at Pioneers Park. We are hoping to get the area shown on the map. The club will provide dogs and buns, condiments, and disposable utensils. Members are asked to bring side dishes and beverages.

Please send your hobby-related photos with captions or explanations for publication in the Pick & Shovel. Field trips, lapidary projects, fossil projects, metal projects, wire wrapping, tumbling, or any other activity of interest to the club. Since we have limited meetings in person at this time, it is important to share with others what you are doing. Your project may inspire someone else. Send via email (lgmc.editor@outlook.com) or via Facebook Messenger.

2021 DUES

If you were a paid member in 2020, DO NOT PAY DUES FOR 2021. 2020 memberships have automatically rolled over to 2021, due to the pandemic and lack of club activities.

JUNE BIRTHDAY GREETINGS

Jayne Beer
Ed Ridge



2021 SUMMER SWAP COMMITTEE

- Chairmen: Corey Beer, Jayne Beer
- Vendors: Sharon Marburger
- Finance & Ticket Sales: Vera Lyman
- Floor Chairman: Corey Beer, Jayne Beer
- Insurance Jayne Beer
- LGMC Club Booth:.....
- Publicity & Promotion: Jim Marburger
- Silent Auction: Sharon Marburger
- Web Master: Sharon Marburger
- Youth Activities: Brett Jurgens, Corey Beer
- Suggestions & Input: Charles Wooldridge, Jeff Kubitz
- Ed Ridge

PIONEERS PARK MAP



PRESIDENT'S MESSAGE

by Charles "Wooly" Wooldridge



What a joy it was to finally get together in person for a club meeting. It was a pleasure to see everyone face to face and hear all the stories about what has been going on since the Pandemic began. Thank you to each of you who got vaccinations to make the evening possible.

I continue to spend a lot of time in the North Central Sandhills looking for rocks and fossils. My friend, Tom Sawyer, found a baby mammoth tooth and a partial mastodon tooth. I found what could be a partial Bretzia antler. Bretzia, or false moose, was one of the first in the deer family, dating to about 5 million years before present. Partial bones and antlers have only been found in Washington State. If it turns out to be a Bretzia, it will be an important find. I'll need to retrieve it from Long Pine and take it to the University of Nebraska for complete identification. I have included a couple pictures.

I am also including a site for a Bluegrass Festival in Kemmerer, Wyoming for those of you that like music and rock/fossil hunting. It sounds like an interesting festival and it is near both the fossil fish quarries and the petrified blue forest. https://l.facebook.com/l.php?u=https%3A%2F%2Fwww.oysterridgemusicfestival.com%2Flineup%3Ffbclid%3DIwAR2E0X-V8PzV23HIBdJiRxwyUPIbScv-vmR7bVrf0OXCbH8DkpdQ6wgk1E&h=AT0GdmL0YeN NpxN9rhIiogXjTZvVMOzqu-x1PiZ9gXAASsDKmOBVqOXI_P-lAvu9ETxu0v01KJCSlsQtA76eB2PcmAYH8feDsbgPgJpqAAAbNAKAwONw6S32LGZimMZsdeD-1IOLuXUCo

There are several activities of interest this month. On the 12th, the Nebraska Mineral and Gem Club will have a live auction in Omaha. The National Show will be held at Long Pine, Wyoming, the 16th - 22nd, with many field trips planned. Our Summer Swap will be the 26th and 27th at the Beer Farm between Ceresco and Ashland.

We still need volunteers to take a turn at helping out with some parts of the Swap. Please contact Jayne or Corey.

Stay safe and hope to see you at one of these events.



JUNIORS

by Brett Jurgens, Junior Co-Leader



It was great to see so many familiar faces, and some new ones, at our last meeting. And if you didn't make it, I look forward to when we do meet up!

Our last meeting comprised of putting together our specimen kits and picking out our first 10 specimens. Like I said in my last message, if you missed the meeting, do not worry. I am holding onto extras of the kits and specimens.

Our next club event is the Summer swap on June 26th and June 27th. We will have a junior's booth set up with the gem dig. This is one of the ways we fund the junior program. We will need help staffing the booth. If you are able to help, please email me at quartz89@aol.com. We could really use the help and there will be special prizes from my personal collection for juniors who help.

Future meetings will include specimens to add to your kits along with a lesson on them. We have a great curriculum from the Future Rockhounds of America program, along with a wealth of knowledge from our club members.

I hope to see you on June 26th and 27th. Make sure to tell your friends about the swap. There are printable flyers on the club website - the more people we get there, the better the swap will do! We have a lot of great people signed up to sell, and more can still be added.

Stay safe.

Tom Sawyer is with Charles Wooldridge and 7 others. May 24 at 11:04 PM
Mammoth Tooth Found 5/24/2021 North Central Nebraska. As teeth are replaced, each successive tooth is larger and composed of more plates. Teeth range in size from about an inch at birth to 9-12 inches in the sixth and final set. This tooth is 2 3/4" to 3" long and 1 1/2" wide, so may possibly be the 2nd of the 6 sets.



GENERAL MEETING MINUTES

by Jim Marburger, Secretary

Lincoln Gem and Mineral Club, Inc., May 20, 2021, Wooldridge back yard.

Meeting called to order by Charles Wooldridge at 7 p.m. 20 members were present and 7 juniors. Door prizes were given out.

Minutes of last meeting were published in the Pick and Shovel a year and half ago. No vote was made. The general feelings is to start over now with meeting since COVID conditions have improved.

Treasurer Report was given by Vera. Motion to accept the report by Gene Mulinex, second by Sharon Marburger. Passed.

Old Business;

The juniors are in need of 15 specimens with all Nebraska materials for exchange rock boxes soon.

New Business:

The new rental agreement from the Parks System was discussed. New hours 5 p.m. to 8 p.m. Motion to reserve the Park Shelter for the fall meeting since the COVID status has improved for face to face meetings. Motion by Gene Mulinex, second by Bruce Sturgis. Passed.

Brett is in need of Nebraska specimens for the Schram Park education display.

Swap Report by Jayne. 17 spots have been assigned, food, porta potties, tables, and set up are ready. We need volunteers - please see Jayne. Flyers and all advertising needs to be sent out or posted in public areas. Flyers were given out for posting. Send flyer to all of your Facebook friends.

A special THANK YOU to Wooly and Jackie for the use of their back yard and the food made available. It was great to see everyone.

Motion to adjourn by Jim, second by Brett. Passed. Meeting adjourned at 8:00 p.m.



Wooly's finds in the
North Central
Sandhills

2021 SUMMER SWAP

LGMC is hosting its first public summer swap on June 26 & 27 at the Beer Family Farm near Ashland, Nebraska. Provided COVID doesn't alter the plans, here is what is planned:

- Vendors will include dealers and swappers.
- Anyone wishing to swap or sell geology or hobby-related items are welcome to rent booth space.
- As with our usual Mid-Winter Swap, members of the public are welcome.
- Booths of various sizes and rental rates are available inside a rustic barn; electricity available. These booths will be assigned on a first-come, first-served basis. Advanced reservations are encouraged. Rates inside the barn are \$40 per table, one to four tables per booth available.
- Nearly unlimited spaces available outside, rented at \$25 per 10'x10' increments.
- Reservations are preferred, however, booth spaces will be available to those not having advanced reservations. Without an advanced reservation, barn spaces are not guaranteed.
- Outside vendors to provide their own tables, awnings, or pop-ups.
- Friday setup noon to 8 p.m.; Saturday setup 7 a.m.
- Saturday hours 9 a.m. to 6 p.m. Sunday hours 10 a.m. to 4 p.m.
- Silent Auction both days.
- Grill-out supper at 6 p.m. Saturday. Voluntary donations for meal will be accepted.



BOARD MEETING MINUTES

Lincoln Gem and Mineral Club, Inc. Board of Directors Meeting May 6, 2021. Meeting held at the Wooldridge residence. Minutes recorded by James Marburger, Secretary.

Meeting called to order by President Charles Wooldridge at 6:38 p.m.

ROLL CALL

Charles Wooldridge	President	Present
Jayne Beer	1 VP	Present
Brett Jurgens	2VP	Present
Vera Lyman	Treasurer	Present
James Marburger	Secretary	Present
Corey Beer	Board	Present
Jeff Kubitz	Board	Present (6:43)
Sharon Marburger	Board	Present
Ed Ridge	Board	Present

Minutes of last meeting handed out. Motion to accept the minutes by Vera, second by Corey. Passed.

Treasurer report given out. Motion to accept by Sharon, second by Jayne. Passed with correction to Dourmit membership.

OLD BUSINESS

Discussion on 501(c)(3) and 501(c)(4) differences. C4 can have donations and those donation can be claimed as a deduction by giver. C3 can receive donations but the donor cannot receive tax credit. The rock club is 501(c)(3). This was discussed for the possible sign up for Lincoln Gives donation list for next year. Jim will look into it.

Report on the temporary Lapidary Class by Jayne. The Lapidary class is now set up at the Jewelry Connection. They have 3 Genie type machines and a few other diamond machines from the original lapidary class, and 3 small saws that can be used. With the limited room they can have about 5 students. They meet on Saturday mornings from 10 a.m. to 1 p.m. with 5 sessions to make the class.

Report from Jim and Sharon on the visit fun day with Jim and Nancy Brace-Thompson from California. No juniors attended but we had 10 adult members show up. Jim brought many samples of California rocks that he has for the juniors in the club. We can request more if needed; he wants to cut down the stock pile in his back yard. Allan and Tammy Jeanneret brought specimens to be identified. Jim B-T was very helpful as a lot of the specimens were from the California. Jim and Nancy made a trip around Marburgers' back yard to collect specimens from Nebraska.

NEW BUSINESS

Received a new membership application from Nick and Crystal Sturtz from Columbus, NE. They are planning to attend the swap and meeting once they are approved.

Vera has checked with the Park System on the

availability of the park shelter. New restrictions are in place. Shelters are rentable in three hour sessions. Vera will try to reserve the Bethany Park Shelter for September, October, November, and December general meetings. New hours that the shelter is available is 5 to 8 p.m. Juniors will meet at 5:30 with general meeting at 6:30.

COMMITTEE REPORT

Swap reports by Corey and Jayne: spaces have been rented by 17 individuals with open spaces in the barn for a few more. Food truck "Soul Food Truck" has been contacted for service. The general outside spaces are arranged with porta potties in two locations. Tables have been reserved. Workers will be needed and asked at general meeting for help. Advertising is started, Tammy Jeanneret will do Facebook advertising.

Brett moved to adjourn the meeting, Corey 2nd. Meeting adjourned at 7:33 p.m.

Silversmithing classes 2021 Schedule

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

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

Tuition: \$150 plus \$30 supply deposit

~~Session 1: Jan 5 - Feb 23~~

~~Session 2: Mar 2 - Apr 20~~

~~Session 3: Apr 27 - Jun 15~~

Session 4: Aug 17 - Sep 5

Session 5: Oct 12 - Nov 30

Contact: Jayne Beer 402-890-3307

Judith Bay 402-423-7058

jbeer60070@aol.com

LINCOLN GEM & MINERAL CLUB
HOSTS A

Summer Rock Swap

June 26 & 27, 2021

Saturday 9 a.m. - 6 p.m.

Sunday 10 a.m. to 4 p.m.



Beer Family Farm

18701 Ashland Road, Ashland, Nebraska

Admission: Adult \$2.00; Kids 15 and under \$1.00

Help the Lincoln Food Bank replenish its shelves.

Bring canned items for the Food Bank.

Swap is open to the public, for both selling and buying.
Everyone is welcome!

**Family
Friendly**

Jewelry

Fossils

**Silent
Auction**

**Buy
Sell
Trade**

**Lapidary
Supplies
&
Equipment**

**Rocks
&
Minerals**

If you are interested in being a vendor, go to
<https://www.lincolngemmineralclub.org/happenings/other-events>
for more information and to fill out the Advanced Reservation form
or let Corey or Sharon know at the contact info shown below.

LINCOLN GEM & MINERAL CLUB
Box 5342

Lincoln, NE 68505-0342

Contact Corey Beer at 402.890.9155 or
Sharon Marburger at 402.429.3323; lgmc.editor@outlook.com.

2020 BOARD OF DIRECTORS**President**

Charles Wooldridge, 402.975.0416, charles.wooldridgeii@gmail.com

1st Vice-President

Jayne Beer, 402.890.3307, JBeer60070@aol.com

2nd Vice-President

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Treasurer

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Secretary

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Board Member

Jeff Kubitz, 402.540.9395, jkubitz@neb.rr.com

Board Member

Sharon Marburger, 402.429.3323, lgmc.editor@outlook.com

Board Member

Ed Ridge, 402.805.8248

LONG RANGE PLANNING & BY-LAWS COMMITTEE

Jayne Beer, Chairman

- 1 year: Pat Dvorak
Robert Gruit
- 2 years: Charles Wooldridge
Sharon Marburger
- 3 years: Vera Lyman
Jim Marburger

NOMINATING COMMITTEE

Jayne Beer, Chairman

- 1 year: Linda Guenter
Vera Lyman
- 2 years: Brett Jurgens
Sharon Marburger
- 3 years: Jim Atkins
Open

ADVERTISING 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.

STANDING COMMITTEES**Audio/Visual:**

Jayne Beer

Audit:

Ed Dvorak, Jayne Beer
James Marburger

Christmas Party:

Edward Ridge

Door Prizes:

Corey Beer, Brett Jurgens, Charles Wooldridge

Facebook:

James Marburger, Jayne Beer

Field Trips:

James Marburger

Historian:

Sharon Marburger

Legislative Liaison:

Susy McMahan

Membership Record:

Edward Ridge

MWF Liaison:

Vera Lyman

Programs:

Charles Wooldridge, Brett Jurgens

Property:

James Marburger

Recognition/Awards:

Ed Dvorak, Jayne Beer, Charles Wooldridge

Refreshments:

Vera Lyman

Show—2021:

Cancelled

Summer Swap—2021:

Corey Beer

Website:

Jim & Sharon Marburger

Youth Activities:

Brett Jurgens, Corey Beer, Sampson Bayer

MEMBERSHIP INFORMATION

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

- Adults (age 16 and over) - \$20 per year or \$30 per couple (within the same household)

- Juniors - \$3 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 paying dues. Applications are available on the website: <https://www.lincolngemmineralclub.org/about/membership>,

or you may contact Treasurer Vera Lyman for a printed copy.

Mail Exchange Newsletters to:
Lincoln Gem & Mineral Club, Inc.
P.O. Box 5342
Lincoln, NE 68505-0342



Or e-mail newsletters to:
lgmc.editor@outlook.com

A color version of the Pick & Shovel is available at:

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

PICK & SHOVEL

A special thank you to club members who attended the first of JJ&L's retirement auctions on June 5 and 6. It was nice to see people LIVE. A huge, special thank you to those who helped out with the auction, and the clean-up afterward. It was noticed and appreciated! The second set of auctions is tentatively scheduled for the end of September. Watch for paid ads in the P&S as plans get firmed up.

PICK & SHOVEL STAFF

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DEADLINE:

Date of Board Meeting, usually the 1st
Thursday of the month.

METEOROID, METEOR, METEORITE: WHAT'S THE DIFFERENCE?

from Mini Miners Monthly, March 2021, Vol. 13, No. 3

When a space rock is moving through space it is known as a meteoroid. When a meteoroid enters earth's atmosphere it heats up due to the friction created when it rubs against molecules in the atmosphere. This is what some call a "shooting star." As it burns up in the atmosphere, a long tail of light appears behind it. This is called a meteor. There are times when a meteor is big enough that when it travels through earth's atmosphere long enough it will hit the earth. When a meteor hits earth's surface, it is then called a meteorite.