



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

THE PICK & SHOVEL

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.

Current club by-laws can be found at [www.lincolngemmineralclub.org/About/General Information](http://www.lincolngemmineralclub.org/About/General%20Information).

GENERAL MEETINGS

Third Thursday of the Month, except for January (3rd Sunday), December (1st Sunday), and summer break (June, July, August).

Meeting Times: Juniors meet at 6:15 p.m.
Adults meet at 7:00 p.m.

Next meeting: September 19, 2024

Program: **Fossils on the Floor: Mosaics of Fossils on the Nebraska Capitol Rotunda Floor**
by Bob Diffendal

BOARD MEETINGS

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

Next Board Meeting:
Thursday, September 5, 2024 at 6:30 p.m.
Vera Lyman's Residence

Persons of general membership are invited to attend Board meetings and offer agenda items.

2024 BOARD OF DIRECTORS

President: Brett Jurgens, 402.850.3256, quartz89@aol.com

1st Vice-President: Corey Beer, 402.466.6628

2nd Vice-President: Jayne Beer, 402.890.3307, JBeer60070@aol.com

Treasurer: Vera Lyman, 402.464.6089

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

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Board Member: Clyde Ogg, 402.326.8682, clydeogg55@gmail.com

Board Member: Mike Stiles, 402.890.1760, mcstiles72@outlook.com

Board Member: Charles Wooldridge, 402.975.0416, charles.wooldridgeii@gmail.com

2024 LONG RANGE PLANNING & BY-LAWS COMMITTEE

Jayne Beer, Chairman

1 year: Jayne Beer & Brett Jurgens
2 years: Sharon Marburger & Clyde Ogg
3 years: Vera Lyman & Jim Marburger

2024 NOMINATING COMMITTEE

Jayne Beer, Chairman

1 year: Jeff Kubitz & Vera Lyman
2 years: Jayne Beer & Brett Jurgens
3 years: Charles Wooldridge & Donitte Stiles

ANNOUNCEMENTS & CLUB FUN

Attention New Members!

(and old members if you haven't yet provided the information)

Please let Editor Sharon know your birth month so your special day can be acknowledged in the newsletter.

You may send it in an email (lgmc.editor@outlook.com), text (402.429.3323), or let me know at any meeting.

SEPTEMBER PROGRAM

Provided by Clyde Ogg, Program Chair

September 19, 2024

Bob Diffendal – Fossils on the Floor--Mosaics of Fossils on the Nebraska Capitol Rotunda Floor

AUGUST BIRTHDAY GREETINGS

Rowdy Cropp
Jeff Kubitz
Nyky Lytle
John Worley



CRAWFORD ROCK SWAP LABOR DAY WEEKEND SEE INFO ON PAGE 10

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.

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. Your project may inspire someone else. Send via email (lgmc.editor@outlook.com) or via Facebook Messenger to Sharon Marburger (<https://www.facebook.com/mamamar7880>).

All articles, tidbits, and photos not individually identified as being contributed to this publication are provided by the Editor.

Follow us on Facebook:
<https://www.facebook.com/groups/223555904325876>

PICK & SHOVEL STAFF

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DEADLINE:

Last Sunday of the month.

PRESIDENT'S MESSAGE

By Brett Jurgens

Hello LGMC.

We had a great turnout on our tour of Robber's Cave. Once again, Joel Green impressed us with his knowledge of the history of the cave. Members seeing the cave for the first time and those seasoned veterans both had a blast. We followed the cave tour with a fantastic potluck at Hidden Gems and ended the evening with great conversation and making use of the lapidary equipment. It was great to see juniors and guests work on their first cabochon under the instruction of both Corey and Ja-zeil. I am hoping more members will make use of the equipment.



Camp Creek Threshers was a big success for showing off our hobby. Between the two big show days and the day after we had over 1,000 people come through the building. A big thank you to Jim and Sharon Marburger; Mike and Donitte Stiles; Ed Ridge; Sarah Nichols; Charles Wooldridge; John Moss; Cathy Talmadge; Kay Jurgens; and Jayne, Corey, and Brian Beer. Without their help before and during the show, it would not have been possible. This year I was able to find more coverage for the other area I am also in charge of, so I was able to spend more time in the Rock and Saddle building. I heard only high praise for our activities and displays. While stationed by the displays, I did see a few people come in looking for the saddle and tack displays. I went over and explained to them how we were from LGMC and were sharing the space with the saddle and harness exhibits. Once explaining why they were seeing rocks, they had all sorts of inquisitive questions about them. Afterwards they thanked us for being there. I also heard positive feedback from other members of Camp Creek Threshers.

Don't forget that the Crawford Rock Swap is coming up. Officially it is August 30th - September 2nd. I plan on being there a few days ahead and will likely depart on the 1st. I have spoken with the owners of the two private collections near Alliance about getting club members to view them. We need to know when people plan on being in Crawford in order to schedule a date and time to view the collections. These are pretty amazing collections so let me know your travel plans and we will figure out something that works best for the group.

JUNIORS

by Brett Jurgens, Junior Leader

Hello Juniors.

It was good to see some of you on the cave tour and activity night. I understand how busy summer schedules can get, especially as summer winds down and the return to school nears.



I had hoped to get a field trip in for us. With everyone's busy summer schedule, it wasn't possible, so we will try this fall.

If you have the chance to attend the Crawford swap, I highly recommend it. I might even feed you some pancakes.

We will return to our regularly scheduled meetings in September. Bring your summer finds for show and tell. I look forward to seeing all of you!

FIELD TRIP & CLUB ACTIVITY NIGHT

By Jayne & Corey Beer (photos by Beers)

We had a great time visiting Robbers Cave again this year! Joel Green did a fantastic job hosting us on the tour. We had some returning club members and some first-timers along for the tour this time around. Everyone seemed to have a great time and it was a well earned cool down, going into the 58 degree cave from the sweltering heat outside.

Once the tour was over, we headed to the shop where a few people who didn't come on the tour joined us and we had a delicious meal! Thanks to everyone that prepared some food; there is always more than enough for everyone.

After the meal, a few folks got to use the shop equipment to cut and polish some rocks. We had some of Ja-zeil's young friends that got to use the equipment for the first time. Ja-zeil even took on the roll of teacher and taught his friends to make a cabochon! A few adults went back and used the equipment as well.

These gatherings cause us to do so much needed cleaning and decluttering. It's nice to see the club come in and use our space as intended. Thank you to everyone who made the evening fun for all. Cheers!



Joel Green entertaining the group with stories of the cave



Looking down the tunnel from the entrance

CAMP CREEK THRESHERS' SHOW

By Sharon Marburger (photos by John Moss, Donitte Stiles, & S. Marburger)

The weekend of July 20 & 21, 2024 was the time to be in Waverly at the Camp Creek Threshers' Show. The club put up displays of petrified wood, Eddie's table of an assortment of items, a variety of tumblers and flat laps, Pleezy (a cast of the plesiosaur the club dug up in the 1960s at Valparaiso, Nebraska), and a fluorescent room.

Approximately 800 people came through the Harness & Saddlery Shop on Saturday and Sunday where we were stationed. Each person who wanted one, received a free tumbled stone from Jim Marburger. Mike Stiles manned the fluorescent display, explaining where the specimens came from and why they fluoresce. He also shined his UV light on the tumbled stones so the kids could see if their stone was UV reactive. Imagine the joy of discovering their stone fluoresced! Donitte Stiles ran the Gem Dig, helping the young ones find gems in their assigned gravel. Eddie kept count of the people entering the building, and shared his knowledge of rocks with anyone who asked. Brett talked to a lot of people about his petrified wood exhibits, and he had to do other Thresher duties as assigned. Wooly came out for awhile, answering questions and imparting knowledge. John Moss visited for about a half day, relieving Mike at the fluorescent booth and taking photographs.

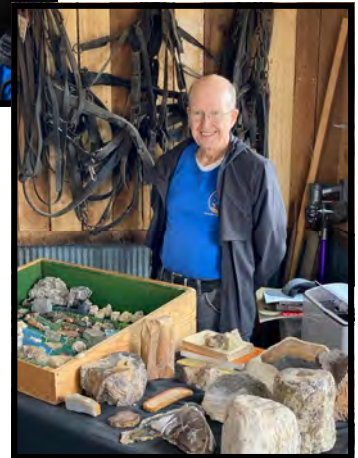
Brett was kind enough to bring air conditioners to the building. It was stifling in 2023, but this year we remained comfortable. It also helped that it was nearly perfect weather for this event.

Brett and his mother, Kay, were extremely kind to provide birthday cake for the workers, and to sing happy birthday to me. It was the perfect end (for me) to the event.

Any and all club members may participate in this event. Talk to Brett about helping out next year.



These photos by Sharon Marburger



These photos by John Moss



Photos by Donitte Stiles



CRYSTAL DISPLAY IDEA

By Charles Wooldridge

This spring I took my good friend and neighbor, Kieth, and his geologist friend from Oregon on a field trip to South Central Nebraska. We visited, among other places, a Clay Pit and road cut where we gathered specimens of selenite. Kieth gave a bunch of the crystals to his niece. She made this beautiful lighted wall hanging and gave it to him. What a creative and beautiful way to display them!



WHERE TO FIND AGATES IN NEBRASKA

Provided by Charles Wooldridge (published at rockchasing.com)

(Editor's Note: This has previously been published in the Pick & Shovel. We have so many new members, it is worth printing again. Excerpted by editor.)

Streams and creeks carry treasures from the past right to our feet! Over time, their waters erode the surrounding land, breaking down larger rocks into smaller pieces. Over the journey, its waters act like nature's sandpaper, grinding away the softer materials and leaving behind the tougher ones. Among these tough treasures are agates! Over time, these gemstones get trapped in the gravel beds of streams and creeks. Agates, with their splendid patterns and bands, are hardy gemstones. They resist erosion better than many other rocks. That's why, as a river erodes its surroundings, these beautiful stones often remain intact. In Nebraska, rivers meander through this geologically rich land. In doing so, they unearth and transport agates to different parts of our state.

Sediment deposits are formed from particles that settle over time, often in layers. Among the treasures found in these layers are agates, which are both beautiful and resilient. Since agates are harder than many surrounding materials, they endure as softer particles erode away. Nebraska's history of ancient volcanic activities and river movements has resulted in rich sedimentary layers. As these layers have been laid down over millions of years, they've captured and preserved many agates within them.

<u>County</u>	<u>Location</u>
Adams	Ayr Gravel pits
Adams	Little Blue River
Cass	Snyderville Quarry
Cherry	Upstream in Dry Creek
Cherry	Bear Creek and the hills on both sides
Cherry	Leander Creek and the hills flanking it
Cheyenne	Upstream in Rush Creek and down to Garden County border
Cheyenne	Lodgepole Creek
Clay	Both sides of Little Blue River
Dawes	Breaks of the White River
Dawes	Regional Federal grazing lands in Crawford area
Dawes	Lone butte near the Orella railroad station
Dawes	Niobrara River
Deuel	Regional surfaces and breaks in Chappell area
Deuel	Upstream along South Platte River
Dodge	Fremont area
Douglas	Lyman-Ritchie gravel pit
Douglas	Valley area
Hooker	Upstream on South Fork along both shores to Jefford Lake
Jefferson	Regional gravel pits and stream gravels in Fairbury
Jefferson	Area gravel pits, quarries, and stream gravels in Steele City
Johnson	Sterling area
Keith	Upstream along the south bank of North Platte River to Kingsley Dam
Lancaster	Lincoln area
Madison	Norfolk area gravel pits
Morril	Area gravel pits, sandhills, and stream gravels in Bayard
Nance	Local gravel pits in Fullerton
Nance	Upstream on both sides of Loup River
Nemaha	Auburn area
Nemaha	Brock area
Nemaha	Johnson area
Nuckolls	Oak area gravel pits
Otoe	Gravel pits in Palmyra and Dunbar
Otoe	Lorton, Syracuse, and Unadilla area gravel deposits
Pawnee	Du Bois area gravel deposits
Pawnee	Table Rock area gravel deposits
Red Willow	South shore of the Republican River and Red Willow Creek
Richardson	Dawson area
Richardson	Stella area gravel deposits
Richardson	Along Nehama River in Humboldt
Sheridan	Area gravels, cut banks, and breaks in Hat Springs
Sheridan	Whiteclay Creek
Sheridan	All breaks, badlands, cut banks, erosion features in Whiteclay area
Sioux	Area gravel beds and cut banks of Hat Creek
Sioux	Waldron Hills
Sioux	Area gravels in the Montrose area

Open House

SAVE THE DATE!

NEW ROCK SHOP LOCATION!

AerieRock

Allan and Tammy Jeanneret

Saturday, August 10, 2024

9:00 a.m. to 6:00 p.m.

306 O Street, Union, Nebraska

AerieRock buys collections large and small, so there is always something new and interesting. Rough rock, slabs, polished pieces, minerals, and much more!

Come to the Open House or phone for an appointment to view or purchase material. Add something great to your collection or find a piece (or two!) for lapidary work.

The driveway is the first drive east of the fire station.

Open by appointment only at this time.

Call 402-209-0747 for hours and information.



Ladder to another level of the cave. Check out the beautiful colors!



Carvings on the cave walls
Photos by Jayne Beer

[NYKKY'S WIRE WRAP CLASS](#)

By Sharon Marburger (photos by Jayne Beer and Sharon M.)

The July class was held on the 25th at Hidden Gems. The project was to weave a mushroom pendant. There were about 15 students in this class.

Nykky teaches the basic design and each student puts their own twist on the finished project (no pun intended!).

If you would like to attend one of these classes, Jayne posts them on the Hidden Gems Facebook page, www.facebook.com/profile.php?id=100088599061333.

Watch for the next class posting.

Here are five individual takes on the project.



FOSSIL OF AN ANCIENT SHARK THAT SWAM IN THE AGE OF DINOSAURS SOLVES CENTURIES-LONG MYSTERY

<https://www.cnn.com/2024/07/15/science/ancient-shark-fossil-ptychodus-great-white/index.html>

By Taylor Nicioli, CNN, Published 10:02 AM EDT, Mon July 15, 2024

Submitted by John Moss

Fossil of an ancient shark that swam in the age of dinosaurs solves centuries-long mystery | CNN
During the Cretaceous Period, a genus of sharks roamed the sea with rows of unusual teeth. Mostly large and rounded, these chompers were not meant to slice through their prey, but to grind and crush shelled creatures.

However, since the sharks' presence in the fossil record has mostly consisted of isolated teeth, scientists have been left to speculate on what the rest of this ancient predator looked like since its discovery in the 18th century.

Now, remains uncovered from limestone quarries in northeastern Mexico are finally giving researchers a clearer idea of the shark's appearance, including one fossil that shows almost all skeletal elements and an outline of the specimen's soft-tissue body. The find also reveals where the genus, known as *Ptychodus*, sat on the shark evolutionary tree, and other previously unknown traits of this "long-standing enigma," according to a study published in April in the journal *Proceedings of the Royal Society B: Biological Sciences*.



A fossil revealing the complete side view of the ancient shark *Ptychodus*, with almost all skeletal elements, was uncovered in Mexico.

Courtesy Dr. Jürgen Kriwet

"The finding of the skeletal remains in Mexico not only allow us to unite these teeth that have been searching for a long time for a skeleton, but also allow us as scientists to revise our previous hypotheses regarding its biology and relationships and see what we got right and what we got wrong," said study coauthor Dr. Eduardo Villalobos Segura, an assistant professor in the department of paleontology at the University of Vienna, Austria, in an email.

The discovery also provides insight into the evolutionary history of sharks found in our oceans today, experts say.

Ancient relative of the great white shark

Most species of *Ptychodus* lived between 100 and 80 million years ago during the late Cretaceous period. The deposits in which the fossils were discovered — in Nuevo León near the municipality of Vallecillo — date back to approximately 93.9 to 91.85 million years ago, Villalobos Segura said.

Because shark skeletons are made of cartilage, they do not fossilize well, typically leaving archaeologists only teeth and few skeletal remains to find. But evidence suggests the Nuevo León fossils ended up in mostly stagnant conditions that would have allowed for an oxygen-deficient zone, resulting in the preservation of the soft skeletons, Villalobos Segura said.

In the study, the researchers analyzed six fossils found at the site, including the complete specimen. Three other fossils were almost complete, and two were incomplete. With these remains, the study authors determined that *Ptychodus* belonged to the order of sharks known as Lamniformes, or mackerel sharks, the same group that the extinct *Otodus megalodon* and the modern great white shark belong to. Lamniformes also includes the modern species of megamouth, sand, goblin and basking sharks, among others.

"Present-day sharks represent just a vanishingly minimal portion of the astonishing biodiversity that occurred throughout their entire evolutionary history (spanning almost 400 million years) ... studying fossil sharks is crucial to understand fully the evolutionary phenomena related to current groups," said study coauthor Dr. Manuel Amadori, a postdoctoral researcher in the department of paleontology at the University of Vienna in Austria, in an email.

The existence of mackerel sharks with crushing teeth was unknown until now, Amadori said. "There is still much more to discover, but we can say that we have taken another important step forward in understanding the complex evolutionary history of mackerel sharks," he added.

The outline of the body, which revealed the shark's shape and fin location, also provides evidence that the prehistoric fish was not just a bottom-dweller as previously believed, but instead, a fast-swimming predator that might have hunted and eaten sea turtles and large ammonites instead of only eating mollusks found on the ocean floor, according to the study authors. Although the shark's exact diet is still unknown, the researchers suggest that this revised hypothesis about what it ate could be a hint at the cause of *Ptychodus*' extinction, since it puts the shark in competition with other Late Cretaceous marine predators with similar diets.

Massive shell-crushing sharks

The findings also suggested that the largest species of *Ptychodus* may have been slightly smaller than previously thought, reaching a maximum length of 9.7 meters (nearly 32 feet). Previous estimates of a species known as *Ptychodus mortoni* put it at 11.2 meters (nearly 37 feet), but the revised size is still larger than modern apex shark predators, the authors note in the study. Great whites today reach up to 6 meters (20 feet) in length.

There are modern shell-crushing species, the largest being the Zebra shark, which reaches a maximum length of a little over 3.5 meters (12 feet) — not near as gigantic as *Ptychodus*.

(Continued on page 8)

ANCIENT SHARK - CONTINUED*(Continued from page 7)*

“The crushing teeth together with the gigantic size make *Ptychodus* a very unique shark,” Amadori said. “(In the fossil record) some teeth are massive, polygonal and almost flat, while others have strange, rounded protuberances or pointed cusps on the top surface. All these were joined together to form massive tooth plates, which this predator of the past could have used to crush almost anything it encountered.”

A new fossil revealing the complete side view of *Ptychodus* measured nearly 1.5 meters (about 5 feet) in length, suggesting it was from was of a much smaller shark. This could be due to the remains belonging to a younger shark, or because the *Ptychodus* genus included various species of different sizes, Villalobos Segura said.

According to the nonprofit Mindat.org database, there are 22 species of *Ptychodus* currently known. Most species and individuals of *Ptychodus* were likely smaller than the largest *Ptychodus mortoni* specimen discovered, but there could also be the possibility of larger species yet to be found, Everhart said.

Often, researchers can tell apart the different species of *Ptychodus* by varying features in the teeth, but the study authors were unable to identify which species of *Ptychodus* the six fossils studied belonged to due to the teeth being too worn down, Villalobos Segura said.

The researchers said they hope future research reveals more about the ancient shark, including its diet and its role in past marine food chains and ecosystems.

“(The April study) is a comprehensive review of some remarkably complete fossils of the strange Cretaceous shark, *Ptychodus*,” said Dr. Bretton Kent, an emeritus principal lecturer in the department of entomology at the University of Maryland, who has studied and lectured on the diversification of elasmobranchs (sharks and rays). He was not involved in the study.

“Our present world can act like a set of blinders, limiting the scope of possible lifestyles we can envision for extinct animals. ... Modern durophagous sharks (that consume hard-shelled organisms) are demersal, feeding on or near the bottom. And their bodies are frequently small and not particularly streamlined. So a gigantic, streamlined, high speed durophage that was much larger than a modern great white shark is quite remarkable,” Kent added, in an email.

PERIDOT - AUGUST BIRTHSTONE

Excerpted from *Mini Miners Monthly*, July 2024

Peridot is a green, gem variety of the mineral Forsterite Olivine, which is a magnesium-rich variety of olivine. Peridot is green because it has some iron in it. Peridot crystallizes in the orthorhombic crystal system, and has a vitreous, or glassy, luster. Excellent peridot crystals have been found in magnetite; the best specimens coming from Pakistan. Peridot is #7 (the same as quartz) on the mineral hardness scale.

BENCH TIPS BY BRAD**Transparent Cabs**

When bezel setting a transparent cabochon in silver, I usually cut out the back of the bezel to allow background light to show off the colors and patterns in the stone. If this is not possible or appropriate, I worry that the silver bezel will tarnish under the stone and will ruin its brilliance. What to do?

My solution is one extra step before setting the stone. I place a piece of thin silver Mylar plastic under the stone to act as a mirror that will never tarnish. Mylar is readily available in craft and gift wrap stores, or in a pinch, from a party balloon supplier. You may even want to experiment with using colored or patterned Mylar (i.e., diffraction pattern) under some stones.

Bezel Problems

When bezel setting a cab that has rather sharp corners, have you ever had problems pushing the metal down at the corners? It’s a common problem often causing a wrinkle in your bezel and a grimace on your face.

In order for a bezel to capture the stone, the top edge of the bezel must be compressed and become shorter to lay down onto the stone. With a round or oval stone, this naturally happens as you push and burnish the bezel. But when setting a stone with corners, the tendency is to push the long sides of the bezel down first. No compression occurs along the sides, and all excess metal is left at the corners. Compressing everything there is difficult. Often the only way to remove the extra metal at the corner is to make a saw cut and fold the two sides in to touch.

If you want a smooth bezel all around the corners, the simple solution is to set the corners of the bezel first. Then push in and burnish the sides. In this way, the necessary compression is distributed along the length of all sides and not forced to occur at the corners. With the corners set first, the top edge of the bezel can easily be compressed along the sides.

PERIDOT - CONTINUED

Some people believe that wearing or carrying peridot creates a balance between thoughts and emotions, brings good health, restful sleep, and peace to relationships.



Peridot crystal; Steve Jurvetson,
Creative Commons Attribution 2.0

ACTIVITY NIGHT

Photos by Jayne Beer



Poly Arbor Room



Diamond Pacific Room (Genies)



Watching Corey cut a cabochon. Later, Corey and Ja-zeil taught some others how to cut stones.

38th Annual CRAWFORD ROCK SHOW 2024

CRAWFORD CITY PARK - CRAWFORD NEBRASKA



LABOR DAY WEEKEND AUG. 30 - SEPT 2

NWNRC
PO Box 569
Chadron, NE 69337



Northwest Nebraska Rock Club
Welcomes You To The

38th Annual Crawford Rock Swap
26th Annual Fairburn Agate Collectors Gathering

Public Welcome - Open 8 a.m. - FREE ADMISSION

EVENTS :

Daily - 8 a.m. Friday, Saturday and Sunday
Field Trips to Agate Gravel Beds -
Meet at Information Booth

Saturday - 2 p.m. Agate Collectors Meeting
with guest speakers at the
Cameco Pavilion

- 7 p.m. Rock Auction - Cameco Pavilion

Labor Day Weekend

For more information, contact:

Aug. 30, 31 - Sept 1 & 2

Valerie - (308) 430-4404

Wade - (308) 430-1399 - wadebeins87@gmail.com

Check us out on Facebook at Crawford Rockswap

2025 MID-WINTER SWAP COMMITTEE

Chairmen:Jayne Beer
Advanced Reservations:Sharon Marburger
Club Booth/Rock PileSharon Marburger & helper
Finance & Admissions: Vera Lyman, Sharon Marburger
Floor Chairman:Jayne Beer
Insurance Vera Lyman, Jim Marburger
Publicity & Promotion:Jayne Beer, Jim Marburger
Web Master:Sharon Marburger
Youth Activities: Brett Jurgens

2025 SHOW COMMITTEE

Theme: Petrified Woods of America
Chairman:Charles Wooldridge
Dealers & Demonstrators: Vera Lyman
Displays:Brett Jurgens
Event Center Liaison..... Vera Lyman
Finance/Ticket Sales:Jim Atkins, Vera Lyman
Floor Chairman:Clyde Ogg
Fluorescent Booth:Clyde Ogg
FormsSharon Marburger
LGMC Club Booth:Charles Wooldridge
MWF ConventionSharon Marburger
Outside Rock Pile..... Charles Wooldridge
Plants:Ed Ridge
Publicity & Promotion: Jim Marburger
Raffle.....Gene Mulinix
Ribbons & Recognitions:Sharon Marburger
Security: Vera Lyman
Show Flyer & Printed Program.....Sharon Marburger
Youth Activities:Brett Jurgens

2025 MWF CONVENTION PLANNING COMMITTEE

Chairman:Sharon Marburger
Area Hotels..... Donitte Stiles
Area Restaurants Brett Jurgens
BanquetSharon Marburger/Vera Lyman
Competitive Displays Brett Jurgens
Field Trips Charles Wooldridge/James Marburger
Finance: Vera Lyman
Forms:Sharon Marburger
Ground TransportationSharon Marburger
Host HotelSharon Marburger
Meeting RoomsSharon Marburger
Publicity & Promotion: Jim Marburger
Web Master:Sharon Marburger

STANDING COMMITTEES

Audio/Visual:
Clyde Ogg
Audit:
Jayne Beer, James Marburger, Clyde Ogg
Christmas Party:
Edward Ridge
Door Prizes:
Corey Beer, Brett Jurgens, Charles Wooldridge
Facebook:
James Marburger, Jayne Beer, Brett Jurgens
Field Trips:
James Marburger
Historian:
Sharon Marburger
Membership Record:
Edward Ridge
Mid-Winter Swap
Jayne Beer
MWF Liaison:
Vera Lyman
Programs:
Clyde Ogg
Property:
James Marburger
Recognition/Awards:
Vera Lyman, Sharon Marburger
Refreshments:
Vera Lyman
Show - 2025:
Charles Wooldridge
Summer Gem Fest:
Jayne Beer
Website:
Sharon Marburger
Youth Activities:
Brett Jurgens

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 or club event 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:

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

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

PICK & SHOVEL

Hidden Gems by The Jewelry Connection Ltd.

Indian Village Shopping Ctr.

3227 S. 13th St., Lincoln (next to LAUNDROMAT)

Corey Beer - Lapidary
402.890.9155

Jayne Beer - Jeweler
402.890.3307

Lapidary Classes

(Stone Cutting)

\$75 for 5 3-hour classes

Choice of session:

Saturday 1 p.m. - 4 p.m.

Sunday 1 p.m. - 4 p.m.

If you can't attend a session,
let us know by Friday noon, or
you will be charged as if you
were there.

Drop-in students welcome
when openings are available,
\$15 for 3 hours.

Check Lincoln Gem and
Mineral Club Facebook page
for openings.

Silversmithing Classes

Tuition: \$150 plus \$30 supply deposit

Choice of Tuesday or Wednesday

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

Tuesdays

Session 1: Jan 9—Feb 27

Session 2: Mar 5—Apr 23

Session 3: Apr 30—Jun 18

Session 4: Jun 25—Aug 13

Session 5: Aug 20—Oct 8

Session 6: Oct 15—Dec 3

Wednesdays

Session 1: Jan 10—Feb 28

Session 2: Mar 6—Apr 24

Session 3: May 1—Jun 19

Session 4: Jun 26—Aug 14

Session 5: Aug 21—Oct 9

Session 6: Oct 16—Dec 4

Contact: Jayne Beer 402-890-3307 or look up "Hidden Gems by The Jewelry Connection LTD" in Facebook and send message