



# 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 Information).

## 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:** **April 17, 2025**  
**Program: Experiences at the Big Germany Show**  
**by Eric Fritzsch**

## 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, May 1, 2025 at 6:30 p.m.**  
**Vera Lyman's Residence**

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

## 2025 BOARD OF DIRECTORS

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

**1<sup>st</sup> Vice-President:** Jayne Beer, 402.890.3307, JBeer60070@aol.com

**2<sup>nd</sup> Vice-President:** Clyde Ogg, 402.326.8682, clydeogg55@gmail.com

**Treasurer:** Vera Lyman, 402.464.6089

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

**Board Member:** Corey Beer, 402.466.6628

**Board Member:** Jeff Kubitz, 402.540.9395, jkubitz@neb.rr.com

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

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

## 2025 LONG RANGE PLANNING & BY-LAWS COMMITTEE

Jayne Beer, Chairman

1 year: Sharon Marburger & Clyde Ogg

2 years: Vera Lyman & Jim Marburger

3 years: Jayne Beer & Brett Jurgens

## 2025 NOMINATING COMMITTEE

Jayne Beer, Chairman

1 year: Jayne Beer & Brett Jurgens

2 years: Charles Wooldridge & Donitte Stiles

3 years: Vera Lyman & Ed Ridge

# ANNOUNCEMENTS & CLUB FUN

## DATES TO REMEMBER

April 17, 2025 - General Meeting  
May 15, 2025 - General Meeting  
June 21 & 22, 2025 - Summer Gem Fest

## PROGRAM FOR APRIL

### Experiences at the Big Germany Show by Eric Fritsch

Eric will share his experiences during a visit to the big Gem and Mineral Show in Germany.

Eric's love of minerals led him to study geology at the South Dakota School of Mines where he graduated with a BS and MS in geology. Eric has worked curating the SD School of Mines Mineral Museum, taught college level physical geology, and he has worked for several mining companies. Eric is a licensed Professional Geologist and works as a geologist for the U.S. Army Corps of Engineers in Omaha.

## **FIELD TRIP**

The North Central Kansas Rock and Gem Club is hosting an Oklahoma field trip planned for April 26 & 27. LGMC members are invited to attend.

Contact is Norman Boettcher, 785-447-1087. phone or text.

Recommend hotels in Shawnee or Ada, Oklahoma. Limited camping is available on the guide's farm. One 15 amp outlet is available. Bob Warren of the Ada club is our guide.

Saturday, April 26th is set up for hunting Boley agates. Meet at the Rivermist Casino at 9 a.m. Will probably be doing road hunts.

Sunday, April 27th is set up for hunting Barite formation on Bob Warren's farm. Meet at 9 a.m. 34207 Patterson Rd., Wanette, OK.

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

# Rock Party!

Wooly and Jackie will host the May Rock Party. Sunday, May 18. Meet at 4 p.m., eat at 5 p.m. Weather permitting, it will be a back yard event. Bring your projects to work on.

Some Show pictures are herein. More will be published in the May issue, and on the website sometime soon. More Show reports and impressions will be published in the May issue. Please send Editor Sharon your thoughts, reports, and photos of the Show.

Former LGMC member and show dealer, Pat Akins, Sr., passed away on April 3, 2025. The full obituary can be found at the Roper and Sons website.

Pat sold Arizona petrified wood logs at the show for several years.

## APRIL BIRTHDAYS

**Corey Beer**  
**Anne Malone**



## PICK & SHOVEL STAFF

### **PUBLISHER:**

Lincoln Gem & Mineral Club, Inc.  
P.O. Box 5342  
Lincoln, Nebraska 68505

### **EDITOR:**

Sharon Marburger  
E-mail: lgmc.editor@outlook.com

### **CIRCULATION:**

Vera Lyman and Donitte Stiles;  
402.464.6089  
Sharon Marburger;  
402.429.3323

### **DEADLINE:**

Last Sunday of the month.

Follow us on Facebook:

<https://www.facebook.com/groups/223555904325876>



**PRESIDENT'S MESSAGE**

By Brett Jurgens, President

LGMC, pat yourself on the back.

What a whirlwind weekend! There are so many people I need to thank for their help. However, I am still recovering mentally and physically from the show and fear forgetting someone, so I will save my thanks for next month. I do want to take the time to thank Sharon Marburger for everything she did organizing the Midwest Federation side of the show. It went very smoothly, and many federation attendees were very impressed with both our club and our show.

I was extremely pleased with our display turnout. The number of displays, and the quality, both exceeded my hopes. Counting club displays, we ended up with exactly 90 displays. We haven't had that number of displays in many, many years. Thank you LGMC!

A big shout out to Jim MacNabb and his crew for bringing down Nebraska Mineral and Gem Club's 20 cases and helping with setup and tear down. I was pleased to see members who are seasoned veterans with setting up displays alongside members setting up a display for the first time. Both Wooly and I heard compliments of the quality and number of displays from dealers, federation members, and the general public. Again, great job LGMC!!

The show was very well attended, both on Saturday and Sunday. Dealers I spoke with were shocked with the number of attendees on Sunday. All the dealers I spoke with were extremely happy with sales and commented on how great of a show it was.

I hope everyone has been able to rest up. We have a meeting coming up on April 17th. Now that the show is over we will begin our focus on our upcoming Gem Fest. It is just over two months away.

Thanks, again, to everyone who helped with the show.

**JUNIORS**

by Brett Jurgens, Junior Leader

Hello Juniors.

I want to thank everyone who helped with the junior booth at the show. Even though we had more lights and seats at the Gem Dig, there were still times that there wasn't a seat available.

I was thrilled to be able to set up the rock race. It had been many years since we set it up; I have fond memories of running it at the show as a junior member myself.

A big thank you and congratulations to Ja-zeil Travis and Alex Brown-Kramer for putting together displays for the show. This helps them to earn their showmanship badge. I highly encourage more youth members to set up displays at next year's show.

Our next meeting is Thursday, April 17th. We will be working on our Fluorescent badge. We had started this a few months ago and those who attended that meeting may finish the badge this month.

Make sure to bring your specimen boxes so you can take a specimen home. If you volunteered at the show, I will have the treasure box at the meeting so you can pick out a special specimen for each shift you worked. I'll see you at next meeting.

**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](mailto:lgmc.editor@outlook.com)) or via Facebook Messenger to Sharon Marburger (<https://www.facebook.com/mamamar7880>).

## FAVORITE MICHIGAN COLLECTING SPOTS: LAKE HURON

By Clyde and Barb Ogg

Last month we shared our favorite collecting beaches on Lake Superior. This article covers collecting spots on Drummond Island and the West Shore on Lake Huron. We will begin with Drummond Island and then work our way south down the shore of Lake Huron.

While in these areas, there are numerous destinations that are geological in nature. The Fossil Ledges and Alvar on Drummond Island; the Mystery Valley Karst Preserve and Nature Sanctuary, near Posen, Michigan; and a thick layer of Devonian limestone and shale (Traverse Group) that lies underneath Alpena and Presque Isle counties, in the Alpena area.

### Drummond Island.

Drummond Island is the second largest freshwater island in the U.S., covering 83,000 acres with 1,083 permanent residents. To get to Drummond Island, you must take a 15-minute ferry from De Tour, Michigan to Drummond Island. The first ferry departs De Tour at about 5:30 a.m. and runs about every hour until midnight. You pay the \$14 round-trip fare on the way to the island. Drummond Island is the best place for puddingstones in the U.S. These conglomerates were brought by glaciers from Canada and are composed of course-grained quartzite matrix, with spots of red jasper, black chert, white quartzite, hematite, and semi-transparent quartz. The best puddingstones have both red jasper and black chert, and those rocks with larger inclusions are most prized!

Collecting locations are limited on the island and weight limits apply. If on private land, there are no restrictions on the amount you can collect. If you can't find any at public beaches, we highly recommend North Haven Gifts (35409 S. Fairbanks Point Road), they have a great selection of puddingstones. When we were there Ron Aldridge, the owner, was kind enough to give us a tour of his rock-cutting shop.

Drummond Island has some unique locations that you will want to check out. The Maxton Plains Preserve Alvar found on Drummond Island are the largest remaining high quality alvars in North America. Alvar is a Swedish term, describing grasslands on limestone pavements. We saw several interesting plants, sandpipers, and ruffed grouse. The Drummond Island Historical Museum was a perfect place to stop on the only rainy afternoon while there. It proved to be a gem! The curator provided great information about the Island and a little bit of local gossip. We learned that one of the earlier ferries was named the Clyde! Public access locations include:

### **Drummond Island Township Park – Chippewa County**

Open dawn to dusk daily

27405 E. Township Park Road, Drummond Island, MI 49726

The park has outhouses, drinking water, hiking, and birdwatching available. Camping is allowed year round. The park has a small beach and limited rock collecting areas.



**Big Shoal Bay, Drummond Island – Chippewa County**  
Open dawn to dusk daily  
Southeastern tip of Drummond Island



This park has plenty of parking, outhouses, and picnic tables. It is a small beach with outstanding views of Lake Huron and the nearby areas. The water is shallow and gradually gets deeper, so is a good place to wade out when looking for rocks.

**Roadsides on way to Glen Cove, Drummond Island – Chippewa County**  
Open 24-hours daily

There are numerous places where you can stop and walk along the sides of the road to Glen Cove, to look for rocks. Whenever it rains or when the road is graded, new rocks will be exposed. Most of these areas are public land. We found this to be a productive method where we found several small puddingstones and a few other pretty rocks.

On this road we stumbled upon the huge puddingstone shown in the picture in front of Barb. We stopped to look at it but noticed that it had been recently disturbed. Later, at the



Historical Museum, we learned the local gossip. It was such a spectacular rock that someone decided they wanted it. As they were lifting it onto their flat-bed trailer, a local took a video of the theft! Within a day or so, the would-be thief decided to return the rock after learning about the video. It turned out everyone on the Island knew exactly who it was! Oops!

(Continued on page 5)

**Puddingstone, Drummond Island**

**MICHIGAN COLLECTING SPOTS: LAKE HURON - CONTINUED**

*(Continued from page 4)*

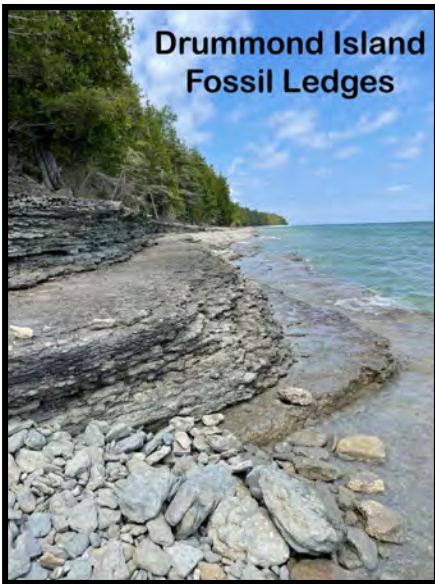
**Glen Cove, Drummond Island – Chippewa County**

Open dawn to dusk daily  
 Eastern end of Drummond Island

From the parking lot, walk the short trail to the large half-moon shaped cove. It has a sandy beach with lots of rocks! Again, the water is shallow, so you can easily wade out. As with the other beaches on the Island, they are beautiful, peaceful and relaxing!

**Fossil Ledges, Drummond Island – Chippewa County**

Open dawn to dusk daily  
 North Shore of Drummond Island



There is a parking area, an outhouse, and some of the most beautiful views on the Island at the end of an extremely rough road and very slow traveling speeds. At times, we drove through 1.5-ft of puddles and were directly on uneven rock. It is recommended you have a 4-wheel drive vehicle with good clearance. Note: there is no cell service here!

The Fossil Ledges are the prehistoric, fossilized remains of

marine creatures that lived here 45 million years ago. The rocky shoreline is walkable for about a half mile. Fossils found here include brachiopods, bryozoans, cephalopods, clams, coral, gastropods, and trilobites. While we were walking on these limestone formations, we saw several queen snakes living in the rock crevices. Taking chunks of these fossils is discouraged; preservationists ask that you don't collect fossils here, but a small souvenir might be okay.

**Huron Shores Roadside Park – Cheboygan County**

Open dawn to dusk daily  
 13435 US-23; 14 miles east of Cheboygan, Michigan

This is a great place for puddingstones, quartz, unakite, tillite conglomerates, gneiss, horn coral fossils, and many other banded and swirled rocks for tumbling.

This roadside park has excellent parking, good outhouses, and steps leading to the beautiful rocky and sandy beach on Lake Huron.

**Old Presque Isle Lighthouse Beach – Presque Isle County**

Open Monday - Friday 10:00 am to 5:00 pm daily  
 5295 E. Grand Lake Rd., Presque Isle, MI 49777

We recommend visiting both the old and new Presque Isle Lighthouses while you're there, but the old lighthouse has a



nice rocky beach behind the lighthouse. The history of lighthouses in Michigan is very interesting and we have not been disappointed with any lighthouse visits made.

The beach extends a half mile or so north along the forested areas and is rocky and loaded with many kinds of fossils. The types of fossils are like those found at the Rockport State Recreation Area.

**Rockport State Recreation Area – Alpena County**

Open dawn to dusk daily  
 End of Rockport Rd., Alpena, MI 49707

This is by far our favorite place to collect fossils in Michigan! Highly Recommended!

It was an active quarry until the 1950s. The limestone was removed using a strip-mining method. Operators laid track for train hopper cars and removed limestone along the tracks. Any rock that was unwanted was tossed into spoils-piles along the tracks. Then, the tracks were removed and the process repeated. The spoils-piles are where you will find the fossils.

Larger horn corals, hexagonaria corals, favosites corals, bryozoans, and large stromatolites are abundant. Occasionally, brachiopods, stromatoperiods sponges, and trilobites can be found. And, if you are lucky, you can find pieces of armor-plated fish (placoderm).



*(Continued on page 7)*

MARCH BOARD MEETING MINUTES

March 2, 2025 at Hidden Gems  
by Sharon Marburger, 2025 Secretary

Roll Call

President:	Brett Jurgens	Present
1st Vice Pres.:	Jayne Beer	Present
2nd Vice Pres.:	Clyde Ogg	Present
Treasurer:	Vera Lyman	Present
Secretary:	Sharon Marburger	Present
Board:	Charles Wooldridge	Present
	Mike Stiles	Present
	Jeff Kubitz	Present
	Corey Beer	On site

Visitors: Ed Ridge, Jim Marburger, and Donitte Stiles.

President Brett Jurgens called the meeting to order at 4:05 p.m.

The minutes of the December meeting and the Treasurer’s report were distributed. Clyde moved, and Mike seconded to accept the minutes and Treasurer’s report as printed. Motion carried.

OLD BUSINESS:

Although updating the electrical and plumbing in the lapidary room at Hidden Gems was tabled until after Gem Fest, Mike installed the sump pump in the drainage buckets to eliminate overflow flooding.

Clyde reported that two students have been selected to receive the AFMS Scholarships for 2025.

Sharon updated the contract between LGMC and The Jewelry Connection/Hidden Gems, and sent it to Jayne for approval. We are awaiting her response.

NEW BUSINESS:

Eight new memberships have been received. Brett recruited many from the Omaha Swap.

SHOW BUSINESS:

Wooly has contacted Yankee Hill Landscaping to arrange for two loads of washed river gravel for the Nebraska Rock Pile. We are awaiting their commitment to this.

Clyde said that the “Downing Display” he and Barb have been working on is nearly complete. It will be set up at the Show, next to the club booth.

Wooly has received landowner permissions to have a field trip at the Clay Pit, dinosaur tracks, and road cuts. For those wishing to participate, supper will be had at the Pioneer Inn in Gilead.

The road signs have been delivered. Several volunteers will place them at various high traffic locations around the city.

Brett suggested that we provide short wave and long wave fluorescent flashlights to those wishing to examine the Nebraska Rock Pile after the Meet & Greet. There should be

quite a bit of fluorescent material in the pile.

Discussion about compensated workers assisting with set up and tear down at the Show. Sharon moved to offer a gratuity to each of the up to four President pre-approved non-member workers, up to \$100 each for each day worked (Friday and Sunday), totaling no more than \$800 each year. Second by Vera. Motion carried.

Brett will have sign-up sheets with task assignments.

Once the trailer is set in Ag Society Hall, ventilation for the air conditioner needs to be cut in the trailer.

Brett suggested that we place the trailer mover be placed on the Rock Pile for sale. The trailer is too heavy, even empty, for the mover to work.

The April board meeting will be held on March 27 at Vera’s home, to get one more meeting in before the Show.

A Rock Party will be hosted by the Marburgers’ on March 15 at 5:00 p.m. Sharon will make beef stew and a birthday cake for Jim.

Jim bought new tablecloth clips for the entry tables.

Sharon reviewed the Federation plans for the Show. There has been good response for event attendance.

The meeting adjourned at 5:40 p.m. on a motion by Wooly, second by Jeff.

QUICK REVIEW OF SHOW WEEKEND

By Sharon Marburger

We had a great show this past weekend! Lots of people attended. Dealers and demonstrators all appeared to be happy. We had a lot of volunteers show up for setup and tear down. Many thanks to each and every one of them.

The Midwest Federation side of the show also went well. The Executive meeting and the Delegates meeting were both very lively with lots of thoughts shared. The Awards Banquet on Saturday night was well attended. There was plenty of food and lots of camaraderie.

Wooly led approximately 30 people on the field trip to the Fairbury area. Feedback on the trip was very positive.

The Nebraska Rock Pile was a huge success also. We had double the usual amount of rock delivered and by the close of Show on Sunday, we had the usual amount left over, or even a little less.

Thanks to those who helped in advance of the convention and at the convention: Brett, Donnite, Jim M., Vera, and Wooly. A special thank you to Kay Jurgens for providing the banquet centerpieces.

The only disappointing thing to me was that we had no delegate or other club members attend the MWF meetings. That was very sad since we were the hosts.

**MARCH GENERAL MEETING**

March 20, 2025 at Bethany Park Shelter House  
By Donitte Stiles & Vera Lyman, Assistant Secretaries

The meeting was called to order at 7:02 p.m. There were 41 adult members, 4 juniors, and 3 guests.

Minutes of the last meeting were printed in the Pick & Shovel. Wooly moved to accept the minutes as printed, second by Mike Stiles, motion carried.

Vera read the Treasurer's report. Motion by Norm Boettcher to accept the report as read, second by Gene Mulinix. Motion carried.

**Old Business:**

None.

**New Business:**

Norm Boettcher announced the North Central Kansas Rock & Gem Club is hosting a field trip to Oklahoma on April 26th and 27th. Contact Norm if interested at 785-447-2087.

Jayne brought up that normally we would have a sign-up for Gem Fest at this meeting but with the Marburgers unable to attend, we will have it at the April general meeting. Members will have first choice at that time and then opened to the public on the website the following day.

**Show Business:**

Wooly announced that the April 3rd field trip to the Fairbury area will be for only out of state people due to the high interest and the inability to handle too many on this trip. He will set up a future field trip for our members and other groups.

The Meet and Greet will now be at the Event Center with Eric Fritsch giving the program. Hy-Vee will provide additional food due to their error of double booking, causing the change in venue.

Brett needs everyone to sign up tonight for volunteering at the Show. We need volunteers to even have the Show. Set up starts at 8:00 a.m. on Friday, April 4th. The Omaha club is supplying 20 display cases to set up Friday morning as well. Brett wants enough volunteers at the Junior booth to bring the Rock Race out of storage and run races.

The outside Nebraska Rock Pile field trip will be on Friday at 2:00 p.m. for our Federation friends. The club rock pile (previously Silent Auction) will be on Saturday, with the Mid-West Federation having a Silent Auction on Sunday.

Motion to adjourn made by Vera, second by Donitte. Motion carried.

**Program:**

Clyde Ogg introduced Shane Tucker, Paleontologist at UNL State Museum with his program on Ice Age Megafauna. As always, Shane gave an interesting talk and slide show and we appreciate Shane returning to educate us once again.

**MI COLLECTING SPOTS: LAKE HURON - CONTINUED**

(Continued from page 5)

**Burkholder Road Ditch – Alpena County**

Open dawn to dusk daily

Intersection of Bagley & Burkholder Rds., Alpena, MI 49707

Travel to Arthur E. Sytek Roadside Park parking area. Park there and carefully cross Bagley Road to a road ditch along the north side of Bagley Road. This is a public access road ditch and is loaded with fossils! You should only take fossils off the surface here. You will find crinoids, brachiopods, bryozoans, corals, sponges, and trilobites. The diversity of fossils we found there was truly amazing!

**Partridge Point Park – Alpena County**

Open dawn to dusk daily

Just off US 23 south of Alpena, MI 49707

The best place to surface hunt is the north side of the point. This location is great for crinoid stems, blastoids, crinoid calyx, also some brachiopods and bryozoans. Turn on Partridge Point Road, travel to the gravel road at the eastern end of the point, turn east and proceed to the end where there is a parking area.

This 50-acre park has trails and beautiful rustic scenery. It is an excellent spot for bird watching. It is surrounded by private property, so stick to park boundaries. It is about 50 acres.

This concludes our discussion about our favorite collecting locations in Michigan. It is by no means a comprehensive list but productive places we have found. We hope you have enjoyed it!



## METEORITES IN NEBRASKA

By Eric Fritzsch



Nebraska is not a mineralogically diverse state. Of the one to two dozen collectible mineral species in the state, none of them are world class or produce average quality specimens. We rank 44th on the number of species per state. Of the 81 known minerals from the state of Nebraska, 24 of them are found in meteorites that were found in our state.

Nebraska is the number eight state for meteorites found within its boundaries. Fifty known meteorites have been found in Nebraska and there are likely many more to be found.

There are several reasons for this. Nebraska is a large state (16th largest in the U.S., 77,200 miles). The topography is relatively flat and the size of rocks in most of the state is fine (gravel to silt and clay). A larger clast sticks out as something unusual on the prairie. A darkened rock stands out among the light tan gravel, sand, and silt of the Ogallala Formation. Not all meteorites are large, but the ones found in Nebraska tend to be several kilograms on average. Meteorites tend to be denser (heavier for their size) than terrestrial rocks.

Most of the meteorites in Nebraska tend to be found along the Platte River corridor. The river generally doesn't have anything to do with meteorite. Meteorites don't last long in rivers as they tend to rust and fall apart when wet. The likely reason so many are found along the Platte corridor is likely due to our state's population concentrating along this natural resource. More people mean there is more likelihood of meteorites being found.

Nebraska represents about 0.04% of the earth's surface. Whereas tons of outer space rock rains down on the earth every day, most of it is either too small or burns up upon entry (meteors or shooting stars). NASA estimates 17,000 rocks make it through our atmosphere and strike the earth each year. Nebraska should have 6 to 7 new meteorites every year. Most of those 17,000 rocks splash down in the oceans (or lakes) and are quickly weathered.

The state is on the leeward side of the Rocky Mountains and our climate is very dry to almost desert. This is another plausible reason why so many meteorites are found in our state.

Some states have mountains and natural rocks that may look a lot like meteorites and may be overlooked by the common observer. Stony meteorites, the most common type, are often overlooked by people in favor of the heavy metal iron or pallasite meteorites.

The dry environment is key to preserving meteorites. The most common places to find them is in deserts. The Sahara Desert is well known for the quantity and variety of meteorites it produces. The Southwest and Texas produce most of the meteorites found in the United States. Meteorites are also commonly found in Antarctica, a frozen desert where black rocks stick out against the white snow.

Friends of mine who hunt meteorites carry hiking sticks or ski poles with strong neodymium magnets attached to

them. When they see a suspect rock, they gently tap it with the magnets. A stick or stickiness to the rock indicates the possibility of a meteorite (note there are many terrestrial rocks that are magnetic, too). They then examine the rock for the tell-tale signs of a meteorite, such as native iron, odd minerals like olivine, thumbprints (grooves in the rock's exterior that look like they were made by thumbs), fusion crusts, etc. They carefully note the suspected rock's location and then take it home for further examination and testing.

The most misidentified rocks as meteorites are iron concretions, slickers, or old chunks of metal or glass. Meteorites won't have bubbles or holes in them.

If you think you've found a meteorite, take it to an expert. One of the tests they may be able to run is a nickel test. Most meteorites contain nickel which can be tested with a device called an x-ray fluorescence spectrometer.

You can keep a meteorite if it is found on private land and you have the landowners permission. If it is found on Federal or State land, it belongs to them. Chances are they will thank you for it and deposit it in a museum.

You probably won't get rich if you find a meteorite. Most typical meteorites sell for about \$1 or \$2 per gram on the wholesale market. If the chemistry or origins of the meteorite are unusual, you might be able to get several dollars per gram for your meteorite. A typical 4 kilogram meteorite (about 10 pounds) will fetch you about \$4,000 to \$8,000 for the rock, a nice chunk of change, but it's not like winning Powerball.

Dealers who buy meteorites might cut them up into slices. They lose some of the meteorite to the saw. They often donate a section to science for study, making the meteorite more valuable. To recoup losses and make a profit, they may turn around and charge \$4 or \$5 a gram for the meteorite.

The location of 50 known meteorites across Nebraska.

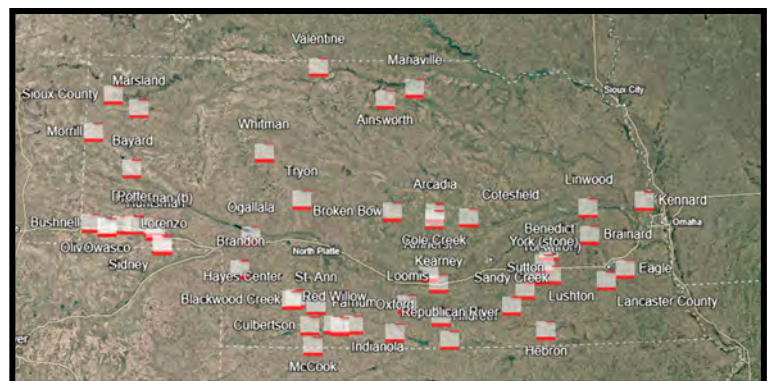


Table of known meteorites found in Nebraska with their proper name, if they are "official", if they were witnessed, the year they were found, the state, the type of meteorite, and the weight of the find. Source: The Meteoric Society Database

(Continued on page 9)

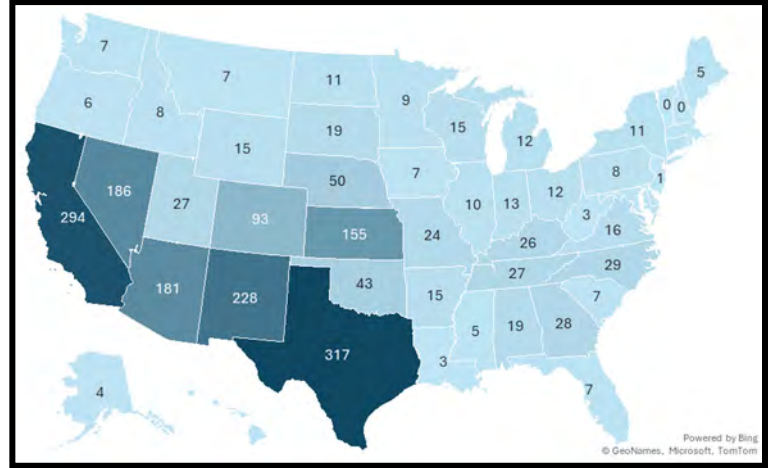
**METEORITES IN NEBRASKA - CONTINUED**

(Continued from page 8)

(<https://www.lpi.usra.edu/meteor/about.php>)

Ainsworth	Official		1907	Nebraska, USA	<a href="#">Iron_IIAB</a>	80.65 kg
Amherst	Official		1947	Nebraska, USA	<a href="#">L6</a>	8.5 kg
Arcadia **	Official		1937	Nebraska, USA	<a href="#">LL6</a>	19.4 kg
Bayard **	Official		1982	Nebraska, USA	<a href="#">L5</a>	75 kg
Benedict	Official		1970	Nebraska, USA	<a href="#">Iron_IIIAB</a>	16.38 kg
Blackwood Creek **	Official		1998	Nebraska, USA	<a href="#">H6</a>	67 g
Brainard **	Official		1978	Nebraska, USA	<a href="#">Iron_IIIAB</a>	138.3 kg
Brandon **	Official		1975	Nebraska, USA	<a href="#">L6/7</a>	7.58 kg
Broken Bow	Official		1937	Nebraska, USA	<a href="#">H4</a>	6.8 kg
Bushnell	Official		1939	Nebraska, USA	<a href="#">H4</a>	1240 g
Cole Creek **	Official		1991	Nebraska, USA	<a href="#">H5</a>	16.3 kg
Cotesfield	Official		1928	Nebraska, USA	<a href="#">L6</a>	1160 g
Culbertson	Official		1913	Nebraska, USA	<a href="#">H4</a>	5.9 kg
Dix	Official		1927	Nebraska, USA	<a href="#">L6</a>	44 kg
Eagle **	Official	Y	1947 or 1946	Nebraska, USA	<a href="#">EL6</a>	10 kg
Farnum	Official		1937	Nebraska, USA	<a href="#">L5</a>	4.2 kg
Hayes Center	Official		1941	Nebraska, USA	<a href="#">L6</a>	4.5 kg
Hebron **	Official		1965	Nebraska, USA	<a href="#">H6</a>	21.82 kg
Hildreth	Official		1894	Nebraska, USA	<a href="#">L5</a>	3.06 kg
Huntsman **	Official		1910	Nebraska, USA	<a href="#">H4</a>	14.5 kg
Huntsman (b) **	Official		1977	Nebraska, USA	<a href="#">H3</a>	10.22 kg
Indianola	Official		1939	Nebraska, USA	<a href="#">L5</a>	4 kg
Kearney	Official		1934	Nebraska, USA	<a href="#">H5</a>	10 kg
Kennard **	Official		1961	Nebraska, USA	<a href="#">H5</a>	8.2 kg
Lancaster County	Official		1903	Nebraska, USA	<a href="#">Iron</a>	13 kg
Linwood	Official		1940	Nebraska, USA	<a href="#">Iron_IAB-MG</a>	46 kg
Loomis	Official		1933	Nebraska, USA	<a href="#">L6</a>	3.02 kg
Lorenzo	Official		1941	Nebraska, USA	<a href="#">L5</a>	612 g
Lushton **	Official		1914	Nebraska, USA	<a href="#">L6</a>	6.7 kg
Mariaville	Official	Y	1898	Nebraska, USA	<a href="#">Iron</a>	340 g
Marsland	Official		1933	Nebraska, USA	<a href="#">H5</a>	6.85 kg
McCook	Official		1965 or 1960	Nebraska, USA	<a href="#">L6</a>	3.6 kg
Morrill	Official		1920	Nebraska, USA	<a href="#">Iron_IAB-an</a>	1387 g
Ogallala	Official		1918	Nebraska, USA	<a href="#">Iron_IAB-sLL</a>	3.3 kg
Oliver **	Official		1984	Nebraska, USA	<a href="#">L6</a>	6.69 kg
Owasco **	Official		1984	Nebraska, USA	<a href="#">L6</a>	168.4 kg
Oxford **	Official		1985	Nebraska, USA	<a href="#">H5</a>	6 kg
Potter	Official		1941	Nebraska, USA	<a href="#">L6</a>	261 kg
Red Willow	Official		1899	Nebraska, USA	<a href="#">Iron</a>	2.75 kg
Republican River **	Official		1942	Nebraska, USA	<a href="#">H4</a>	135 g
St. Ann	Official		1938	Nebraska, USA	<a href="#">H6</a>	374 g
Sandy Creek **	Official		1999	Nebraska, USA	<a href="#">L5</a>	1330 g
Sidney **	Official		1941	Nebraska, USA	<a href="#">L</a>	6 kg
Sioux County	Official	Y	1933	Nebraska, USA	<a href="#">Eucrite-mmict</a>	4.1 kg
Sutton	Official		1964	Nebraska, USA	<a href="#">H5</a>	7.6 kg
Tryon	Official		1934	Nebraska, USA	<a href="#">L6</a>	15.9 kg
Valentine **	Official		1942	Nebraska, USA	<a href="#">L4</a>	2.3 kg
Whitman	Official		1937	Nebraska, USA	<a href="#">H5</a>	221 g
York (iron)	Official		1878	Nebraska, USA	<a href="#">Iron_IIIAB</a>	835 g
York (stone)	Official		1928	Nebraska, USA	<a href="#">L6</a>	1440 g

Meteorites per state. Source Meteoric Society Database accessed 18 March 2025. Nebraska is the 8th most common state for meteorites.



Midwest Federation Scholarship Honorees, our very own Clyde and Barb Ogg, with one of the scholarship recipients, Megan Heins. (photo by Donnite Stiles)



A little rain wasn't going to stop our Nebraska Rock Pile field trip on Friday. (photo by Donnite Stiles)



The Club information display board created and assembled by Barb & Clyde Ogg. It received a lot of attention and was even posted to the MWF Facebook feed with the suggestion that all clubs should do this. Thank you, Barb & Clyde! (photo by Donnite Stiles)



Who needs a pile of money to roll in when you have ROCKS! Right, Kristin Wolfe? (photo by Steve Shimatzke)



The Friday night Meet & Greet. Eric Fritsch talked about minerals found in Nebraska. Thank you, Eric. (photo by Donnite Stiles)



The one competitive display was entered by Bruce Stinemetz. Self collected minerals. (photo by Steve Shimatzki)

**Attention Members!**

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](mailto:lgmc.editor@outlook.com)), text (402.429.3323), or let me know at any meeting.

## Allan & Tammy Jeanneret



Rough Rock, Slabs, Specimens, Gemstones,  
Jewelry, Rock Paintings

**By Appointment Only**  
402.873.6515 / 402.209.0747  
306 O St, Union, Nebraska  
[tjeanneret@hughes.net](mailto:tjeanneret@hughes.net)

Watch for **AerieRock** online rock auctions at  
[jbauctions.hibid.com](http://jbauctions.hibid.com)  
[AerieRock.com](http://AerieRock.com)  
AerieArtwork on etsy  
AerieRock on Facebook  
We buy collections and estates

**2026 MID-WINTER SWAP COMMITTEE**

Chairman: .....  
 Advanced Reservations: ..... Sharon Marburger  
 Club Booth/Rock Pile .....  
 Finance & Admissions: ..... Vera Lyman, Sharon Marburger  
 Floor Chairman: .....  
 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  
 Forms ..... Sharon Marburger  
 LGMC Club Booth: ..... Charles Wooldridge  
 MWF Convention ..... Sharon Marburger  
 Outside Rock Pile ..... Charles Wooldridge  
 Plants: ..... Ed Ridge  
 Publicity & Promotion: ..... Jim Marburger  
 Raffle ..... Gene Mulnix  
 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  
 Banquet ..... Sharon Marburger/Vera Lyman  
 Competitive Displays ..... Brett Jurgens  
 Field Trips ..... Charles Wooldridge/James Marburger  
 Finance: ..... Vera Lyman  
 Forms: ..... Sharon Marburger  
 Ground Transportation ..... Sharon Marburger  
 Host Hotel ..... Sharon Marburger  
 Meeting Rooms ..... Sharon 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:  
lgmc.editor@outlook.com

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

### 2025 Schedule

#### Lapidary Classes

(Stone Cutting)

\$100 for 5 3-hour classes

Sundays 1:00 p.m. - 4:00 p.m.

Choice of session:

- Session 1: Jan 26 - Mar 2
- Session 2: Mar 9 - April 20
- Session 3: Apr 27 - Jun 1
- Session 4: Jun 29 - Aug 3
- Session 5: Aug 10 - Sep 14
- Session 6: Sep 21 - Oct 26
- Session 7: Nov 2 - Dec 7

#### Silversmithing Classes

Tuition: \$160 plus \$30 supply deposit

Choice of Tuesday or Wednesday

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

#### Tuesdays

- Session 1: Jan 21 - Feb 18
- Session 2: Feb 25 - Apr 15
- Session 3: Apr 22 - Jun 10
- Session 4: Jun 24 - Aug 12
- Session 5: Aug 19 - Oct 7
- Session 6: Oct 14 - Dec 2

#### Wednesdays

- Session 1: Jan 22 - Feb 19
- Session 2: Feb 26 - Apr 16
- Session 3: Apr 23 - Jun 11
- Session 4: Jun 25 - Aug 13
- Session 5: Aug 20 - Oct 8
- Session 6: Oct 15 - Dec 3

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