

The Living Stones

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Livingston Gem and Mineral Society September 2025

President's Message

What is an Octopus Garden?

An octopus garden is a type of underwater habitat created by octopuses, also known as cephalopods, as a shelter and hunting ground. Octopuses are skilled engineers and use their powerful arms to gather and arrange shells, rocks, and other materials to build complex structures.

Octopus gardens can vary in size, shape, and complexity, but they typically share certain characteristics. They are often found in shallow, coastal waters with low currents, and are characterized by a dense accumulation of shells, rocks, and other materials. The structures can be simple or elaborate, with some octopuses creating intricate patterns and designs.

Octopus gardens usually have several key features that provide a safe and comfortable living space for the octopus. Some common features include;

- * Entrance and exit: The garden typically has a specific entrance and exit, which the octopus uses to come and go.

- *Chambered structure: The garden is often constructed with multiple chambers or rooms, which provide additional protection and shelter for the octopus.

- *Camouflage: The garden is designed to blend in with its surroundings, making it difficult for predators to detect the octopus.

- *Food storage: The garden may include a denning area, where the octopus can rest or hide from predators.

By understanding what an octopus garden looks like and why octopuses create them, we can gain a deeper appreciation for these fascinating creatures and their unique behavior.

Hello Fellow Rockhounds

We are in full swing preparing for our club's fall show. We are celebrating our 50th Dream Show on September 20th & 21st. I would like to thank all the members who submitted a design for the 50th logo contest. Congratulations go out to Renee Kitson for winning the T shirt design contest. We will have free T shirts for workers and will be selling tote bags with the 50th anniversary design on them.

All club members are required to work at least one 4-hour shift getting ready for the show, at the show, or take down. You can sign up on the Genius link that was sent out in an email or sign up in the shop. We still need donations for the silent auction and raffle. Please fill out a donation sheet to go along with your item.

You will receive a 50th anniversary T shirt designed by Renee Kitson for free when you work a 4 hour shift. We appreciate all our club members and the dedication they show to keeping the Rock Shop up and running smoothly.

Terri Ridenour, President



General Meeting Minutes

08/19/25, at 6pm at Settlers Park.

Meeting Called to Order at 6:10pm.

Roll Call: 24 Members were present.

Officers: Terri Ridenour, Bryant Hiiter, Cari Jacob, Max Runnels, Linda Sheedy, Ann Marie McFadden, Cinda Wilson.

Approve Agenda: Cari Jacob made a motion to approve the August 19th agenda, 2nd by Jim Glassbrook. All in Favor, motion passed.

Approve March Minutes: Jim Glassbrook made a motion to approve the July 15th minutes, 2nd by Cari Jacob. All in favor, motion passed.

President's Report - Terri Ridenour

- * The newly designed LGMS T-shirts will be printed soon.

- * The new safety rules are still being worked on. There are 2 folders of notes pertaining to saws, soldering, and rotating equipment.

- * There will be a safety committee.

Vice President's Report - Joe Musolf was on vacation.

Treasurer's Report - Linda Sheedy

- * Rent was paid for 2 months so outgoing money in July was higher than incoming.

- * The club will change banks soon, for easier access.

Old Business

Dream Show:

- * There will be a flint knapper, 4H concessions, club table, and silent auction table. Ruth Musolf will head up the Children's table.

- * Someone needs to fill the display case at the school around Sept 2nd.

- * We currently have 15 vendors.

- * The pre-sale on Friday night will be for volunteers only, not vendors and it will be free (No passes for sale).

- * Vendors will set up from 4-8pm on Friday.

- * There will be no LGMS bucks, but there will be a free 50th anniversary show T-shirt.

- * Everyone should be advertising on social media.

- * Cinda will need help with the Science Table on Sunday.

- * The shop will be cleaned on Wednesday and Thursday. Please show up and participate.

- * Jim Hansen created a nice sign with jobs for cleaning.

- * Mark Ridenour suggested laminating it so that we can use it every year.

- * There will be no Geode-Cache this year.

- * We still need demonstrators. We have one for faceting, and one for silversmithing.

- * We pay the school to use their chairs.

- * We need more donations for the silent auction.

- * The Marketeer will post a free advertisement in September. Thanks so much!

- * We need to post drawing prizes on the Website. Cari will do it.

- * Not many silversmiths have turned in their pieces from Ed's free cabochons.

- * Autumn suggested donating wire wrapped pieces.

- * Terri said to leave donations in the office. Ann Marie said the artist should fill out a form with their name, description, and item(s) value.

- * Bryant reminded everyone that 4H does not set up until lunchtime. LGMS only provides the volunteers and vendors breakfast, not lunch. Snacks such as fruit and veggies are okay, but we want people to buy from 4H.

- * Cinda suggested posting on TikTok.

- * Marianna said the proofs for the T-shirts are in, and they look great.

- * The new ones will be 100%cotton. They are pre-shrunk but can still get smaller in hot water or dryer.

New Business:

- * Chuck Bruce will have a knife inlay class on Nov 3rd and 4th. There will be 8 students for 2 full days. The cost is still tbd; the jewelry inlay class was \$350.

- * Attendance in the shop has been low so we might want to reduce shop hours next summer.

- * Jim Hansen suggested paying someone \$50 a week to do routine maintenance for a couple of hours every week.

- * Ann Marie might be able to open on Tuesdays next year.

* Chad asked about offering a refresher class for cabochon making. It was suggested that we add different levels of training. Ann suggested having a classroom session first. It was also suggested to have one on the first Wednesday of every month in both the daytime and evening.

* Ed Oller picked up a very nice collection of rocks that Peggy Fowler donated to the club.

* Sherry Peterson sent a handmade thank you card to Rick Butler for his donation of rocks.

* Cari talked to members about bringing in guests, they needed to fill out a guest form located in the office. We should add a date to the form for a first and second visit. Bryant suggested putting them on the magazine rack.

* At Cinda's request, Jane made a motion to spend \$200 on Facebook advertising for the show. Mark Ridenour 2nd. All in Favor. The motion passed.

Membership Report - Cari Jacob

* Cari has been answering emailed membership requests.

* There are currently 17 people waiting.

* The next training will start in early October.

* If 30 people join the club at the show, the waiting list will be added to that training.

* Joe Musolf would like to add more trainers.

Shop Report

* The Big Saw is running, Ralph fixed it.

* The 10 inch auto feed is still broken.

* The Cab King pump is broken. Bill brought in a new one but the hose was the wrong size so we are waiting on a new fitting.

* The key to the rolling mill needs to be replaced.

* The brass plates for the rolling mill are old and distorted from lots of use/abuse. Cinda made a motion that the club spend \$200 to buy many new ones. Ann Marie 2nd the motion. There was a long discussion. Afterwards 17 were in favor, 3 opposed, and 1 abstained. The motion passed.

Silversmith's Report - Lavonne Foldenaur

* Lavonne is currently training 10 members in silversmithing.

* There are not many on the waiting list for silversmithing.

* We still need a permanent Tuesday opener.

1st & 2nd Year Director's Report

* Max asked if there is a document list.

Motion to adjourn was made by Cari Jacob, 2nd by Mark Ridenour. All in favor, motion passed. The meeting was adjourned at 7:10pm.

Respectfully submitted, Cinda Wilson, Secretary

September shop hours

Monday 10 am-9 pm

Tues and Wed 9 am-9 pm

Thurs 9 am-9 pm (silversmiths only)

Friday 10 am-4 pm.

(If there are not 2 members in the shop on Mondays and Fridays, the closer may choose to leave early. Be aware.) There must be at least 2 people in the shop at all times for safety while using the machines.

**NOTE: DATE OF NEXT GENERAL MEETING IS
SEPTEMBER 9
ONE WEEK EARLIER THAN USUAL!**

2025 Officers and Chairpersons

President: Terri Ridenour 517-376-2190

Vice President: Joe Musolf: 906-231-7632

Secretary: Cinda Wilson 810-423-0464

Treasurer: Linda Sheedy 248-425-9686

Immediate Past President: Cari Jacob
248-931-5999

Shop Foreman: Bill Magee 734-981-6117

First year Directors:

Bryant Hiiter: 248-472-8481

Max Runnels: 810-869-0740

Second year Directors:

Jim Johnson 810-923-6113

Ann Marie McFadden 248-884-8126

Newsletter: Isla Mitchell, 248-685-7804,
imvm2227@gmail.com

Historian: Chuck Amberger, 248-787-6586

Library: Bryant Hiiter, 248-472-8481

Webmaster: John Myer, www.livingstongems

Email: LGMSMich@gmail.com

show website: lgmsrockshow.com

Instagram: [livingstongems](https://www.instagram.com/livingstongems)

General Membership Meetings are held monthly on the 3rd Tuesday at 6 pm. (Except in January and February, when only the board meets.)

The winning T shirt design by Renee Kitson



Upcoming Events

September 5, 6, 7, 2025

Toledo Gem & Rockhound Club Annual Show

Wood County Fairgrounds Jr. Fair Building, 13800 W Poe Rd, Bowling Green, OH 43402

Info: Jerri Heer, (419) 344-9999; jheerx6@aol.com; www.rockyreader.com

September 6, 2025

Kalamazoo Rock Club Annual Tailgate Sale

St. Michael Lutheran Church, 7211 Oakland Dr, Portage, MI 49024

Info: Sheila Atherton, (269) 303-6853; Bruce Atherton, (269) 251-3858

September 12 -14, 2025

Tulip City Gem & Mineral Club Annual Show

Holland Township Community Center, 12343 James St., Holland, MI

Info: tulipcity.org/club-show

September 20-21, 2025

OUR OWN ROCKHOUNDS DREAM SHOW * SIGN UP TO VOLUNTEER * SHOP * ENJOY!

September 27 – 28, 2025

Flint Rock and Gem Club’s annual Show

Crossroads Village and Huckleberry Railroad, 6140 N. Bray Rd, Flint, MI 48505

Info: Bill Wendling 810-638-5796, flintrockandgem.org

2025 LGMS GENERAL MEMBERSHIP MEETING DATES

Please be aware that during membership meetings the shop will be totally shut down.

Month	2025 date	Time	Meeting type	Location	
9	9/9 (one week early)	6 pm	General Membership before the fall show	LGMS shop	Shop shut down at 5:45
10	10/21	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
11	11/18	6 pm	General Membership	LGMS shop	Shop shut down at 5:45
12	12/16	6 pm	General Membership during Holiday Party	Senior Center	Shop shut down at 5:45

13,000-Year-Old Campsite In North America Shows A "Way Of Life Lost To Time"

Stone tools show that Clovis people holidayed around the Great Lake

Tom Hale, Senior Journalist, Edited by Maddy Chapman, IFLScience.com, 9-12-24

Some 13,000 years ago, wandering people set up a campsite in the Great Lakes region and returned to the plot each summer. The site is one the earliest ever discovered in this part of North America, revealing fresh insights into the population of the continent.

The humans belonged to a group known as the [Clovis people](#). Many scholars used to believe they were the first human inhabitants to set foot in the Americas, although this theory has been [largely dispelled](#). Nevertheless, the Clovis people remain an important character in the story of prehistoric America.

In a new study, archaeologists have detailed a collection of stone tools found at an abandoned river channel in southwest Michigan called the Belson site. Among the discoveries were spearheads that featured [Clovis points](#), characterized by a central channel that runs down the length of the object, called a flute. This distinctive style of technology rapidly spread across the Americas around 13,000 years ago and has become ubiquitous in the archaeological record.

Analyzing the tools, the team uncovered traces of animal proteins from musk ox, caribou or deer, hare, and peccary. This suggests they were using the sharp points to butcher meat and provides a clear insight into the dietary culture of the Clovis people.

"Taken together, the ancient protein data suggests that these people had a broad spectrum diet, eating a wide variety of animals. Our findings are contrary to the popular notion that Clovis people were strictly big game hunters, most often subsisting on mammoths and mastodons," Brendan Nash, lead study author and a doctoral student of archaeology at the University of Michigan, said in a [statement](#).



Independent researcher Thomas Talbot and University of Michigan archaeologists have found more than 20 Clovis tools and hundreds of pieces of manufacturing and refurbishment debris at the Belson Clovis Site in St. Joseph County. *Image Credit: Daryl Marshke/Michigan Photography*

Surprisingly, some of the tools were fashioned out of paoli chert, a type of rock formed in northeastern Kentucky. This led the researchers to believe some of the tools were made in what is now Kentucky and traded to people in central Indiana who then carried them to the Belson site in modern-day Michigan. Based on the far-flung origins of the stone, Nash and the team believe the people who temporarily settled at the Belson site likely moved there during the summer while living in central Indiana during the frigid winter. They perhaps completed this seasonal back-and-forth for up to five years in a row.

"This site teaches us about a way of life lost to time. Through the sourcing of stone and the styles of tools, we are tracking a group of people as they live and travel across the Pleistocene landscape of the American Midwest," explains Nash.

this way, people formed 'links in a chain' with yearly routes that likely connected the whole continent, from Michigan to Mexico. This is likely why technology from the Clovis period is so similar throughout most of North America," he noted.

Livingston Gem and Mineral Society
9525 E. Highland Road
Howell, Michigan 48843-9098



General Membership Meeting
Tuesday, September 9, 2025
6 pm at the shop! Fall show planning meeting !
Snacks are welcome!

Livingston Gem and Mineral Society was established in 1970. The annual membership fee is \$65.00 for adults and \$25.00 for youth ages 13-17. There is an additional fee of \$1.00 per day for workshop use. Annual dues and annual shop fees are due on December 31 of each year. The Livingston Gem and Mineral Society publishes The Living Stones. Non copyrighted articles may be reprinted provided that they are properly attributed. Articles or correspondence can be sent to LGMS, Hartland Consolidated Schools, 9525 E. Highland Rd. Howell, Michigan 48843-9098.

Our Mission

The Livingston Gem and Mineral Society is a nonprofit organization and member of the Midwest Federation of Mineralogical Societies and the American Federation of Mineralogical Societies. Our purpose is to promote, through educational means, public interest and increased knowledge in the fields of mineralogy, archaeology, paleontology and the lapidary arts.