



THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

Web Site: www.lakesidegemandmineralclub.com

E-mail: lakesidegemandmineral@yahoo.com

Facebook: Lakeside Gem & Mineral Club

Instagram: lakesidegemandmineral

Volume 176, Issue 5

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Purpose: To promote activities of mutual interest for collecting and displaying gems and minerals.

Address: Lakeside Gem & Mineral Club, Inc., PO Box 6652, Kennewick, WA 99336-0603

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GEODE Submission Deadline:

19th of each month for member articles & photos

E-mail: lakesidegemandmineral@yahoo.com

Membership: Annual dues are due in October. Please pay at the monthly meeting or remit to LGMC, PO Box 6652, Kennewick, WA. 99336-0603.

Membership Forms: See the bottom of page 13.

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Club Meetings & Upcoming Events

Club Meetings are held the first Tuesday of each month. At the Seventh Day Adventist Church, 7105 W. 10th Ave., Kennewick. Doors open at 6:30 pm for social. Meetings begin at 7 pm.

May 7, 2024 - General Club Meeting. Program: Larry Hustrom will feature a presentation on **Showmanship and Displaying Your Collection**.

May 14, 2024 - Junior Club Meeting at The REACH, Columbia Park, 6:30 pm – 8 pm.

May 20, 2024 - Board Meeting, 6:30 pm.

A Note from the President . . .



I'm working on an audit of the Club's library holdings. In case you weren't aware, the club has nearly 200 books, dvds, and magazines available for the membership to borrow. These cover the wide range of interests among our membership; rockhounding sites, silversmithing, fossils, beads, and more. Our club librarian, Walther, has worked to bring in a variety of titles to the general meetings, lugging heavy totes and keeping track of borrowed items. However, some items fell through the cracks, and over half of the 35 titles currently checked out have been on loan for more than two years. Imagine the late fees if this was the Mid-Columbia Library - you might owe upwards of two dollars! We will be contacting some people directly to track down these works.

Be sure to peruse the titles at a future meeting; they are usually spread out on one of the tables. Or, preview the Club holdings by going to our website and downloading the library from the Geode Newsletter tab. Some of these are out of print or hard to find, and it's important we preserve them for future rockhounds and lapidarists. If you are interested in a particular item, send us a request to bring it in. Just, please, don't take two years to read it!

Patrick Donohue
LGMC President

The Club is in Need of Member Volunteers

Treasurer Sally Lyon will be leaving the area in June. As such, the Board is looking for a volunteer member with QuickBooks experience to take on the role of treasurer. Contact a Board member or Sally at slyon5059@gmail.com for more information, or check out the club website listed below.

Webmaster Kevin Fiedler will also be leaving the area and his role as club webmaster. The Board needs someone with website experience, and preferably social media expertise, to take over the webmaster duties. Contact a Board member or Kevin at fledlekr@gmail.com or check out the website listed below.

The Roles and Responsibilities of each position are posted in the Officers and New Members section of the club website <https://www.lakesidegemandmineralclub.com/>

New Members for April

New members for the month of April are Shawn and Kaiana Cunningham and daughters Kayla and Allison.

Welcome to the Club . . .

You Know You're a Rockhound if ... *you keep a hand lens on your dining room table . . . just in case.*

MEMBER SPOTLIGHT

Mike Zinski – Faceter, Teacher and Ambassador

You've no doubt heard Mike Zinski's name or have seen him at the club meetings. He has been faceting stones for 58 years now and sharing his knowledge and machines with anyone who has the interest and patience to learn. As he has said, "I'm trying to get more people to realize they have the creativity within them."

Mike picked up the lapidary hobby in 1964 when he lived in Los Angeles and started cabbing Montana sapphires. This was in the days of silicon carbide wheels and silicon carbide sandpaper. He enjoyed cabbing but wanted to try faceting and in 1965, at age 25, Mike bought an O'Brien Faceting Machine. He quickly became so skilled that he eventually went to work with Crystalite Pacific Test Specialties where he demonstrated the Crystalite faceting machines at gem and mineral shows around the country.



(L) Mike Zinski helping Aiden Keller complete his first stone.

(R) Nadine Marshall, another of Mike's students, demonstrating faceting with Mike (background) at the April Show.



Over the years Mike has used nearly every model faceting machine available. He became so skilled that he has even developed a number of "cuts" of his own design – cuts he shares with his students. With additional facets, his stones sparkle and shine like no others.

Mike is a member of multiple rock clubs and the U.S Faceters Guild. He corresponds regularly with faceters from around the region and across the country.

In addition to creating parts for existing machines, Mike has also created a number of trim saws and faceting machines using a 3-D printer. Mike finds such utility in 3-D printing that he is eager to start a 3-D printers user's group to where members can learn from and help each other.

Anytime you visit Mike's lapidary shop you're likely to find him teaching someone the craft and art of faceting. Mike welcomes newcomers to the hobby and has taught dozens of people to facet. Mike loves turning newcomers on to faceting because, as he said, "Faceting is a dying hobby, and if we don't teach these skills to a new generation of faceters the hobby will disappear."

Mike is truly an ambassador for the hobby of faceting and for the Lakeside Club.

To connect with Mike contact him at 509-783-9337 or via email at gemmakermz@cs.com.

2024 Selected NFMS Club Shows - Schedule

The Shows listed below are a subset of the complete list of club shows provided in the Northwest Federation Newsletter. More complete and specific information can be found in the NFMS Newsletter or online at: <http://northwestfederation.org/Shows.asp>

May 4 – 5, 2024	Everett Rock and Gem Club Website: https://everettrockclub.com/	Evergreen state Fairgrounds, Monroe, WA.
May 4 – 5, 2024	Umpqua Gem and Mineral Show Website: https://umpquarockshow.com/	Douglas County Fairgrounds Roseburg, OR.
May 10 – 12, 2024	<u>Hatrockhound Gem and Mineral Society</u> (This is the 2024 NWMS Show) See page 9 for expanded info.	East. OR Trade & Event Center Hermiston, OR.
May 18 – 19, 2024	Butte Mineral and Gem Show On Facebook at: ButteMineralandGemClub	Butte Civic Center Butte, MT.
May 25 – 26, 2024	Clackamette Mineral and Gem Show www.clackamettegem.org/rock-show	Clackamas Co. Fairgrounds Canby, OR.
June 1 – 2, 2024	Coeur d'Alene Gem and Mineral Show Website: www.northidahomineralclub.org	Kootenai County Fairgrounds 4056 Government Way, Gate C Coeur d'Alene, ID.
June 13 – 16, 2024	Prineville Rockhound Pow Wow Website: www.prineville.rocks	Crook Co. Fairgrounds 120 S. Main St., Prineville, OR.
June 14 – 16, 2024	Lower Umpqua Gem and Lapidary Show No website	Reedsport Community Center 451 Winchester Avenue Reedsport, OR.
June 20 – 23, 2024	Madras Rock Show Contact: madrasrockshow@gmail.com	Jefferson County Fairgrounds Madras, Oregon
June 22 – 23, 2024	Bitterroot Gem and Mineral Show Website: www.bitterrootgemandmineral.org	Ravalli County Fairgrounds Hamilton, MT.
June 28 – 30, 2024	Mt. Hood Rock Club Rock and Gem Show Website: www.mthoodrockclub.com	Oregon Army National Guard Recruiting Center, Portland, OR.
June 29 – 30, 2024	Cascade Mineral. Society Rock and Gem Website: www.cascademineralogicalsociety.org	Kent Commons Comm. Center Kent, WA.
August 16 – 18, 2024	Willamette Agate & Mineral Society Contact: wamsriverofgems@gmail.com	Polk County Fairgrounds 520 S. Pacific Highway Rickreall, Oregon

Board Meeting Minutes – April 15, 2024

The meeting was called to order at 6:32 p.m. by Peter.

Present were: Peter, Patrick, Larry, Randy, Sally, Wayne, Chris and Debbie.

Treasurer's Report – Deposited funds received for tee shirts, memberships and dealer fees. Paid misc. items. Balance is well into the Black.

- Sally advised the Board that she is leaving the Tri-Cities and will thus need to relinquish position of Treasurer. Will endeavor to train the new volunteer before her departure in early June. Sally suggests Lisa do an audit of the books from Oct through May. Potentially Club might need to purchase a Quick Books license.

Membership Coordinator Report – No Report

Junior Club Report – No Report

Geode Newsletter Report -

- Ryan Bennett of East Benton County Museum is open to the Club visiting the Museum as a Field Trip. We should contact the museum when ready to set it up.
- Bruce Bjornstad will be available to present to the Club on September 3rd about Ice Age Flood period.
- Will include advertising for a Web Manager as well as Treasurer in next issue of the Geode.
- Adding a new section – about ½ page, inside back cover, for members (not dealers) to offer items “For Sale” Ads will be about 50 words or less... will develop guidelines on who/what/how much, or often.
- An additional, occasional article “Member Spotlight” will be coming in May. First spotlight is Mike Zinski.
- Another addition to the Geode will be “Welcome New Members” with a list of new members to the Club.
- The Ice Age Floods Institute has invited our Club to join a May 18th field trip to an Ice Age Flood area. Randy will include information in Geode. Larry will put on Facebook.

Old Business

- Library books have mostly been inventoried. Still awaiting a few DVD's before we are able to complete the inventory. Should be completed around meeting in June.
- Program for the May meeting will be a presentation provided by the American Federation on “Showmanship.” Larry will probably host.
- Riverfest is Oct. 5th. Do we want to attend again? Larry may not be available to “lead” the effort. Needs additional discussion.

New Business

- Show – Pretty much done. THANK YOU, LARRY!!!
- PA System – there is one in the building, which will probably be set up at the Silent Auction area. Any additional will have to be the Club's “mini” floor model.
- Penske truck rental will be picked up around 10 a.m. Friday morning while the taping is continuing.
- Sally has acquired the “Square” for running credit/debit cards at Silent Auction, if needed.
- Once dealer tables have been skirted, they're names will be put on them. There should be enough floor plans to assist them in finding their area. If not, we can post at the entrance.

Meeting adjourned at 7:30 p.m.

Respectfully submitted,
Debbie Muller

April Show Comments and Photos

Thanks to everyone for helping make our show happen. We couldn't do it without your support. I hope everyone had a good time. More details will be forthcoming after all the bills are paid and everything is wrapped up.

I would request that a few more people help with the loading and unloading of the rental truck that went back out to the storage units. It was 8:30 pm before we finished unloading, making it a long day and late evening for those that stayed to help.

I have already started discussions with the Fairgrounds regarding dates for 2025!

Larry Hulstrom, Show Chairman



Photos by Larry Hulstrom. See additional photos on page 7.

Ice Age Floods Field Trip Invitation – May 18th

The Ellensburg Chapter of the Ice Age Floods Institute has invited club members to participate in a driving field trip that will cover the Vantage highway corridor between Ellensburg and Vantage on Saturday, May 18, 2024.

The group will meet at the Wildhorse Wind and Solar Facility parking lot at 11 AM on May 18th. Stops will include the Renewable Energy Center for a big picture view of the geology and physical geography of the area, Pumphouse Road, Ginkgo State Park Trees of Stone Interpretative Trail, and the Ginkgo State Park Interpretative Center. Expect several short hikes of less than one half mile so wear appropriate footwear. The trip is expected to conclude by 5 PM.

For more information contact Karl Lillquist at lillquis@cwu.edu.

More Photos from the Show

Continued from Page 6



April Show Display Case Winners

Congratulations ladies. Well done. . .

Photos by Larry Hulstrom.



Judi Allison won the Adult division Display Case award with her case, "Why Am I Blue".

Iris Allred (12) and Melody Allred (8) won the Junior Award category for best Junior display.



Chert vs Flint: What Are They, And What's The Difference?

While people have often heard about chert and flint, few people actually know much about the materials.

For about 2.5 million years, humans shaped stones into tools. In the stone age, early humans relied on their environment to survive, turning microcrystalline quartz into tools, such as shovels, hoes, and axes. The term microcrystalline quartz refers to stones commonly known as chert, flint, jasper, and novaculite.

Chert and flint became the Go-To stones for shaping since the properties of these quartz materials made it simple to chip off pieces or break them in half. As easily as they could break, once shaped, they kept their edge and could prove deadly when used as part of a weapon.

Although people tend to intermingle the names of these stones, each refers to a different type of microcrystalline quartz. Each has its own properties that differentiate it from the other and knowing them can help you quickly identify which quartz type you have.

See Chert, page 12

REMINDER - Hatrockhounds to Host the Northwest Federation Meeting

The Hatrockhounds Club of Hermiston will host the annual NW Federation meeting on May 10 - 12, 2024. As usual, the show will be held at the Eastern Oregon Trade and Event Center (EOTEC), 1705 East Airport Road, in Hermiston, Oregon.

Show hours will be from 10 AM to 6 PM on Friday, 10 AM to 5 PM on Saturday and 10 AM to 4 PM on Sunday. Entry is \$5 per day or \$12 for all three days. Children 12 and under free. At the show you'll find dealers of rough rocks and gems, jewelry and beads, and polished items as well as display cases, a Kids Corner, a silent auction, speakers and demonstrations, door prizes and food will be available on site.

Key aspects of the agenda follow. More is available at: <https://www.hatrockhounds.org/annual-show>.

Friday, May 10

9 AM: Competitive judging begins.

11 AM: NW Federation Executive Meeting, Meeting room of EOTEC

1 – 4 PM: NFMS Annual Meeting, Meeting room EOTEC

4:30 – 6 PM: Endowment Fund Committee Meeting, Meeting room of EOTEC

Saturday, May 11

10:30 – 12 noon: Junior Leaders Meeting, Meeting room of EOTEC

1 – 2 PM: Speaker George Last (Ice Age Floods), Meeting room of EOTEC

2:15 - 3:15 PM: Speaker Bill Hamel (Mineral Identification and maintaining a collection), Meeting room of EOTEC

3:30 - 4:30 PM: Speaker Warren Rood (Choosing material for the creative process?) Meeting room of EOTEC.

6 – 9 PM: Awards Banquet, First Christian Church Social Hall, 775 W. Highland Ave.

Sunday, May 12

10 - 11:30 AM: ALAA Meeting, Meeting room of EOTEC

12 noon - 1:30 PM Past Presidents, Committee Folk Luncheon, Meeting room of EOTEC.

2:30 PM: Live Auction, Meeting room of EOTEC

4 PM: Show closes.

Lakeside Club Minutes – Meeting, April 2, 2024

The meeting was called to order at 7:02 p.m. by Patrick.

First-time visitors introduced themselves and chose a key chain.

Old Business

- Wire Wrapping class coming up in June
- Still need to get award to Terri Klaus

New Business

Coming Shows:

- Yakima – weekend after ours – April 26 – 28
- HatrockHounds – Hermiston, OR. -- May 10 – 12
- Madras – June 20 – 23

Kevin Fiedler will be moving in the summer. We'll need to find a replacement webmaster.

Rules & Procedures for shows are on the web site – page 5

Possible Field Trips were discussed.

- Idaho (Boise) Gem Club – June – private land 4 hours from Kennewick
- Dr. Cahoon, who recently presented to us about Sunstones, is going to be working a field at Ponderosa or Plush mines, dates “to be determined.” It would be a multi-day trip. About 12 members showed interest.

Mike Zinski. mentioned showing 3D printing items at the Show and starting a 3D Printing Work Group.

10-minute break – finished up silent auction, then did the door prize drawings

April Show

- Sign-ups held for volunteers
- The club needs our help with advertising – Facebook, Twitter, Instagram; has sent out press releases, and added to public calendars he could find. Please share our show flyer on the other rock-adjacent groups on social media – like or comment on the flyer to raise where we appear on the page.
- Still need a Camp Host
- Tailgate location has now been changed back to where it was.
- We still have 10 display cases that need to be filled
- Signs – Put them out on Monday before show, write down where you put them out.
- Pick signs up on Sunday, no later than Monday. Bring them to the May meeting for storage until next year.

On Thursday, 8 a.m. Larry will get keys, the crew will tape case layouts on the floor, about 10 a.m. he will go get the Penske truck, then come back to get the procession started to the storage unit in Finley, they'll load up, and return to the Fairgrounds.

On Friday, 8 a.m. we will unload the truck at Building 2. Bring gloves and electric screwdrivers; set up tables and skirts and chairs; vendors need to be set up by noon. Then will do the display tables and skirting.

See Minutes on page 11

REMINDER and LOST and FOUND

Please bring any Show signs you put out to the May 7th Club meeting so they can be stored for the year.

Please bring any Lost and Found Items to the Club meeting so we can get them to their owners.

Minutes - continued from Page 10.

- There will be an ATM
- There will be two fluorescent displays. Larry will help.
- Can have your display Judged – as a dry run for the Hermiston, Northwest Federation competition in May. This will enable you to get pointers so you can tweak your display before the competition.
- www.Rockhounds.org is the Show Page for the NW Federation show May 10 – 12. Deadline for competition registration is April 10.
- Fairground parking \$10 – put on dash
- Still need donations for the Silent Auction – can do full 100% donation to Club or a 70/30 split, consignments. There will be 3 two-hour auctions each day as well as a “Buy It Now” option on form.
- Tailgate – Setup 7 AM Sunday, ends at noon. MEMBERS ONLY. You get to keep 100% of sales but must vacate area before show opens.
- Sunday close at 4:00 p.m. Will need lots of manpower – remember dealers do their own takedown, so please be patient with them and don’t offer to help.
- Should be done around 6:00 p.m. and head out to storage to unload.

Board has been tasked with helping find someone to host/manage the club’s grit sales and storage.

The meeting adjourned about 8:30 p.m.

Respectfully submitted,
Debbie Muller, Secretary

Junior Club Meeting Minutes – April 9, 2024

At the April meeting, the Junior Club prepared for the club show by learning about creating a display case, decorating the booth signs, and making bracelets for sale with glass and lava rock beads. Six display cases were filled by the Juniors, with an impressive level of creativity. Iris and Melody won the prize for their attractive display that included mermaids, unicorns, and beautifully labelled rocks of all colors. Other juniors created scenes depicting geologic processes, showed samples and scenes from a visit to a coal plant, made rock display stands out of Lego, and compared rock types to Pokemon. Juniors have also been filling the Club display case at the REACH Museum, so stop by and see their work.

Our next meeting will be on Tuesday May 14 6:30 - 8 pm at the REACH. We'll learn about different types of agates and take a walk by the river (if conditions are good) to see if we can find any.

Chert – from Page 8

Interestingly, although the names aren't interchangeable, even among those knowledgeable on the subject of the rocks and their uses, different names get used. While archaeologists and historians use the word flint, geologists favor chert. If the stone was used for tool-making, it would likely be flint since chert provides poor knapping.

What is Chert?

Chert as a geologic formation is a sedimentary rock that can serve as a reservoir for oil and gas. Chert can take on various colors. Gray is common, as is white and pink. It can exhibit a solid color or contain bands of other minerals or fossils. People can confuse agate and chert because of the colors.

Chert typically occurs as an opaque stone exhibiting a coarse texture and can have many fractures or voids in it. It was commonly used for making scraping tools and arrowheads.



Common Chert



Flint

What is Flint?

More commonly used for tool making and weapons, flint occurs in immense rock formations. Two such formations exist in the US – one in northern Texas called the Alibates Flint and one in eastern Ohio known as Vanport Flint.

When an archaeologist uncovers an artifact, whether a tool or weapon, the stone portion gets referred to as a flint. Native American nations used these flints for such projects as well as trading the quartz. Flint can break predictably, thus allowing the toolmaker to create a sharper edge. This made the flint quartz easier to form into arrowheads, knife blades, and axes.

Flint exhibits an extremely fine grain size plus a bit of luster. Flint occurs in black, brown or grey, typically translucent.

Excerpted from: <https://yesdirt.com/chert-vs-flint/>

Are You Holding any Club-owned Items?

The Club is finishing its wall-to-wall inventory. Anyone holding materials for the club, regardless of what they may be, is asked to contact the Treasurer, Sally Lyon, to be sure the items being held are captured in the inventory. Sally can be contacted at: slyon5059@gmail.com.

Classifieds

Mike Zinski's workshop is available for lapidary arts. Contact Mike at: gemmakerz@cs.com.

Tumbling Grit is available to Club members.

Tumbling Grit is available through Mickee Madden and is sold in 2 pound bags only. Please have exact change at pick-up. Club members can contact Mickee at 509-438-5798.

- 60/80 grit \$5.25
- 220 grit \$6.55
- 600 grit \$8.00
- Cerium oxide polish powder \$18.30

NOTE: For every ten pounds of tumbled rock you donate to the club, you receive a 2-pound bag of 80/90 grit or 220 grit. Please, no river rock. Thank you.

Reminder: Club Membership forms are available online at:

<https://www.lakesidegemandmineralclub.com/officers---new-members-info.html>

NEW FEATURE: Items Wanted / Items For Sale

Having been asked by a number of members if I could include a For Sale by Members space, I approached the Board. The Board agreed to try this space for a couple of issues. This space is being held for Members Only Want Ads and Items For Sale.

Listings will be text only – no photos - limited to a maximum of 40 words, including contact information. Listings will be limited to one per member per month and will be included on a space-available basis. First come – first served.

Items to be submitted should be sent to the LGMC E-mail: lakesidegemandmineral@yahoo.com and need to be received by the 19th of each month to be included in the next Geode.

Don and Anita Crumley of Boardman have large and small slabs, thundereggs, Arizona material, a saw, flat lap and other "stuff" for sale. Phone: 541-933-8079. When you call, wait until a number is said, then enter the number to get through. (This is to screen spam and robo calls.)

Lakeside Gem and Mineral Club Officers and Committee Chairs

Officers Email: lakesidegemandmineral@yahoo.com

President	Patrick Donohue	Director	Wayne Larson
Vice-President	Peter Kovich	Director	Jane Moore
Secretary	Debbie Muller	Federation Rep.	Larry Hulstrom
Treasurer	Sally Lyon	Junior Club Lead.	Pauline Schafer
Past President	Chris Sorensen	Bulletin Editor	Randy LaBarge
Program Director	Vacant	Librarian	Walther Rohlfing
Membership	Lisa Noland	Webmaster	Kevin Fiedler
Sunshine	Sally Lyon	Historian	Mickee Madden

By-Laws specify two year elected terms for Board Members, beginning in November. President, Vice-President and One Director begin terms in even numbered years. Secretary, Treasurer, and a Second Director begin terms in odd numbered years. The Federation Representative, Junior Club Leader, Bulletin Editor and Committee Chairs are Board-approved volunteers. By-laws can be found at: www.lakesidegemandmineral.com.

Rockhound Legislative Advocate

When notified by the AFMS, the NFMS, ALAA or club members about legislative issues that will affect rockhounding activities, we will forward that information to club members via email lists.



Club Affiliations:

American Federation of Mineralogical Societies (AFMS)
 Northwest Federation of Mineralogical Societies (NFMS)
 American Lands Access Association (ALAA)

<http://www.amfed.org>
<http://www.amfed.org/nfms>
<http://www.amlands.org>



Member: Tri-Cities Visitor and Convention Bureau

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