



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](https://www.instagram.com/lakesidegemandmineral)

Volume 159 Issue 04

May 2022

Club purpose: Promote activities of mutual interest for collecting and displaying of gems and minerals.

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

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GEODE Submission Deadlines:

- 19th – member articles & photos
- E-mail: lakesidegemandmineral@yahoo.com
- **Membership:** Please pay at meetings or mail in.
- GEODE Reprint Permission:** Permission to reprint is granted, provided appropriate credit is given to the source.

Membership Dues are due!

Update your email address on your Membership Application so that you don't miss out on Club Communications.

Club Meetings

Seventh Day Adventist Church, 7105 W 10th Ave, Kennewick

General Meeting starts at 7:00pm.

May 4, 2022

Show Preparation Information

May 21-22, 2022

LGMS Annual Show

June 1, 2022

Parking Lot Sale and Swap
Seventh Day Adventist Church

We STILL Need Your Help!

We have not seen so many of our members for what seems like forever. We are beginning to open up and return to our normal routines. We miss you and invite you to join us for our meetings. We have a lot of catching up to do. What have you been doing over the past 2 plus years? Some have you have gone out and dug rocks, some have worked on projects at home, and some of you have participated in craft sales and other shows. Bring something for the bragging display table at our upcoming meetings.

In addition to volunteers needed for the many things that go on before, during, and after our show we could also use some volunteers to act as clerks during the judging process that will go on during our show. The judges in training need someone that can take notes as they judges displays at the show. Perhaps up to 4 hours would be needed on Saturday morning from 8 am to noon. This will give you an opportunity to assist the judges, and learn more about the judging process.

For those of you that don't already know we need help Wednesday May 18 to load up a U-Haul with supplies from our storage units. On Friday May 20 we need people to help with setting up the show. **And let's not forget we need to fill up to 48 display cases on Friday!!** Fill out the Mock Competitive Display Application and get it to me or just sign up to put in a non-competitive display. (I'll have copies of the form at the May meeting.) **Show us what you have been working on or have found the past 2 years!!** On Saturday and Sunday we need volunteers to sell tickets, work the silent auction area, man the geode cracker, and help with the junior's corner. On Sunday after the show closes we need lots of help to break down everything and return it all to the storage units.

Please start coming to the meetings once again, especially the May meeting so we can get the sign up sheets filled out for our 25th Anniversary Show. This Anniversary show is only going to happen once so it's time to get back out in the world. **WE CAN'T DO THIS WITHOUT YOUR HELP!**

Larry Hulstrom
Lakeside Show Chairman

Junior Rock Club Minutes, Tuesday, April 12, 2022

The junior rock club met April 12th at Legacy High School. Attending juniors were Andrew, Ryan, Cinda and Arthur. Cinda and Andrew showed their mineral of the month and provided a report on their minerals. Pat Lambert and Chris Sorensen had some samples of rocks from Don Snyder that the junior members picked from. They received polished Laguna agate samples from Mexico and a thunderegg from Richardson rock ranch in Oregon. We plan to set up a time in the future so the juniors can get their thundereggs cut.

The plans for the next few meetings were discussed and some juniors signed up for display cases and to work during the rock show in May on May 21 and 22. More mineral of the month samples went home with juniors for their reports at the next meeting.

Please come to our next meeting May 10th at Legacy High School.

Junior Rock Club Reports, Tuesday, April 12, 2022

Epidote- the color of epidote is usually between yellowish green to pistachio green. More rarely it is brownish green to black. It is a mineral that is commonly found in regionally metamorphosed rocks of low to moderate grade. It is also found in massive form and as monoclinic crystals in marbles and schists that were formed or altered through contact metamorphism.

Epidote occurs as monoclinic crystals in pegmatites and is frequently found in granite. It is also formed or altered through contact metamorphism. It has a hardness of 6-7 on the Moh's scale. The chemical composition is $\text{Ca}_2(\text{Al}_2, \text{Fe})(\text{SiO}_4)(\text{Si}_2\text{O}_7)\text{O}(\text{OH})$. The name is from the Greek word for 'addition' which refers to its many crystal faces.

-Andrew

Bismuth- Last month I obtained a piece of bismuth from England to do a rock report on. The piece borrowed is mostly silvery blue with yellow and from some angles green and pink. From the information I gathered I can tell it is a high purity piece-" though virtually unseen in nature, high-purity bismuth can form distinctive, colorful hopper crystals" (google).

Bismuth is a chemical element with the symbol Bi and the atomic number 83. It is a post-transition metal and radioactive. Bismuth has many uses, such as atomic fire alarms, sprinkler systems, pigments for cosmetics, glass and ceramics. Bismuth has been known since ancient times and often confused with lead or tin. It is relatively non-toxic and has a low melting point of 520 degrees Fahrenheit.

Bismuth is brittle metal with a silvery white color when freshly produced but surface oxidation gives it an iridescent tinge in numerous colors. The free element is 86% as dense as lead.

Bismuth crystals grow in an odd staircase shape, as seen in my sample. The crystal structure is a rhombohedral. To form a bismuth crystal like the one I have, the bismuth would have to melt and then when it cools back down, it organizes its molecules into an interesting shape. "When matter organizes into a more specific pattern, it creates a crystal".

-Cinda

Junior Rock Club, Tuesday, May 10, 2022

Junior Rock Club will meet Tuesday, May 10 6:30 pm at Legacy High School, 4624 W. 10th Ave. in Kennewick. As we prepare for the club's show on May 21 & 22, we'll craft some keychains and bracelets to sell and to give to new members. For show and tell, all juniors are invited to bring the most colorful rock from their collections for the May meeting.

Adult club members continue to mentor juniors by teaching skills and sharing specimens. Mickee held weekend workshops teaching juniors how to make gem trees, and Mike is offering to cut open thundereggs that were gifted to the juniors at the April meeting. We'll keep in touch with Junior Rock Club families as we set dates for thunderegg cutting and a wire-wrapping class in the future. Contact Pauline at pauschafer@hotmail.com to learn more about the club.

Lakeside 2022 25th Anniversary Gem & Mineral Show

Setup is Friday May 20th

Show is open on Saturday May 21st & Sunday, May 22nd

We need your help! The May show is almost here. Please think about how you can help and come to the May meeting ready to sign up. **Remember that those that have not signed up to help will have to pay to enter the show!** The show is only a few weeks away, so there is no time to waste! Start putting your display together now and sign up at the meeting.

We need all club members to lend a hand to make our 25th Anniversary show a success. Help before, during, and after the show is needed. **Help is needed in the areas shown in bold.** The sign-up sheets will be out at the May meeting.

Helpers are needed on **Wednesday morning (5/18) to help load up our supplies at our storage units in Finley.** Someone will meet you under the Fairgrounds sign at 9 AM and guide you out to Finley to load up all the things that need to come back to the Fairgrounds. We are again using a U-Haul moving truck this year so most everything will go in the U-Haul, but please bring along some pickup trucks for other miscellaneous things.

Set Up Friday morning 5/20 beginning at 9 AM – we need all available bodies to meet at Building #2 to begin setting up the show. Help is needed for the many tasks of setting things up. Most everything has to be set up by noon when the dealers will start arriving.

Displays – we still need about 25 to 30 more people to sign up to put in a display! This number will be finalized when I hear from the Junior club about how many they will be putting in but I expect we need at least 25 more to sign up. You can team up with others if you don't think you have enough on your own. **PLEASE SIGN UP** at the May meeting! Show us what you have been doing, making, collecting, purchasing at other shows, etc. over the past two years! **If you have a fluorescent mineral collection you would like to display please let me know. We could use 1-2 more entries.**

Ticket Sales – we are good for Saturday but still need 3 more people on Sunday. This involves sitting at the registration desk up front and taking money from people coming to the show and handing out the best display ballots and door prize drawing tickets.

Geode Cracking – we still need 4 people to help out (3 on Saturday and 1 on Sunday). This is a fun task that is easy to learn. Watching the faces of kids as they geode cracks open is always fun.

Silent Auction –We still need 5 people to help on Sunday. This includes putting out materials and collecting monies after the auction period closes. Again, no experience required and another fun task. **We need donated materials for the silent auction. Please consider bringing in materials during the show setup.**

Demonstrators – If you would like to demonstrate your talents during the show we have spaces available. This could include things such as wire wrapping, making gem trees, doing cabbing, or faceting. **Sign up and pick a day and time you would like to showcase your talents.**

Lakeside 2022 25th Anniversary Gem & Mineral Show – Continued

Friday Evening Potluck (6 pm) – we could use some help with set up and clean up afterwards. Everyone is asked to bring something to contribute and enjoy a meal with your fellow rockhounds. The meal will be served in Building #3.

Hospitality Room Maintenance in Building #3. We need a few folks to help clean up and restock the kitchen area over the course of the weekend.

Tear Down Sunday afternoon 5/22 at 4PM – the show closes and **we need everyone’s help to dismantle the show, put things into the U-Haul, clean up the buildings, and unload the U-Haul out in Finley at our storage units.** We need as many people as possible to help with this!

Let’s all help to make this a great show and have fun doing it! I will review the entire process at the May meeting.

Street Signs – Dig out and dust off the club show signs that you may have stored in your garage two years ago. I will bring what is left from storage to the May meeting. These signs should be put out on **Monday May 16** and removed before the end of the day on Monday May 23. Return them at the June meeting.

Remember that we are going to be in Building #2 this year, a much larger building. We are also using Building #3 for the NFMS Mid-Year Meeting, an NFMS Judges Training seminar, our club potluck on Friday evening, and our daily hospitality (refreshments) area.

Larry Hulstrom
Show Chairman for 2022

Junior Club Wire Wrapping Class with Mickee Madden, March 26, 2022



Minutes – Club Meeting, April 6, 2022

Chris called the meeting to order at 7:00 p.m.

Welcome visitors Teri and Valerie.

Door Prizes: 5 lucky members won door prizes.

New Business

- Marty reminded everyone about the June Madras and Prineville shows. The Prineville Pow Wow will be June 17 to the 20th, and the Madras show is June 24 to the 26th.
- Marty is also planning a field trip to Ontario, Oregon in the fall. More information to come.
- There is a Sunstone Event planned in Plush, Oregon beginning on June 6 and running through the 12th.
- Caroline gave a Treasurers update on current paid club memberships.
- The Hatrock Hounds show will be held on May 14 and 15. Check out the Northwest Federation Newsletter for all upcoming show information.
- Club members are asked to think about possible field trips this summer. Please contact a LSGM board member with suggestions.
- Has anyone seen the can we stored keychains in to be given to visitors during meetings? Please let Larry know if you have any idea where it could be.

Show Business

- There are still plenty of time slots available to help with the show, and we need several cases to be filled. Please consider showing off your awesome collection, superior lapidary skills, fieldtrip finds, jewelry masterpieces, knapping wonders, perfect spheres, or anything that lets people know how rockhounds enjoy this hobby.
- Mickee reminded everyone about the silent auction slips that need to be completed if you want to bring items to be sold. There are white slips for the ½ hour auctions, and colored slips for the 2 hour auctions. Slips will be available at the May meeting as well.
- Jane needs 2 to 3 people to help out with the Friday night potluck for volunteers and vendors.
- Larry reminds everyone to get our advertising signs out the Monday before the show. Yard signs will be available at the May 4th meeting.
- Also, if you're familiar with social media, any help getting the word out on those platforms would be appreciated.
- Please come to the May meeting to learn about what we will need to make our 25th Anniversary show a success.

Program: What have you been up to? Thanks to everyone for sharing the work they've done during the pandemic. It was fun to see that friends kept busy with rocks even though we couldn't connect face to face.

The meeting adjourned at 8:30 p.m.

Respectfully Submitted
Sally Lyon, Secretary

Minutes – Show Planning and Board Meeting, April 18, 2022

Present: (Board Members) Chris Sorensen, Peter Kovich, Patrick Donohue, Larry Hulstrom, Caroline Bowdish (via Zoom), Sally Lyon, (Members) Wayne Larson, Kathy Larson

Peter called the meeting to order at 6:35 p.m.

Show Planning

- Larry reported that last minute details for the show have been mostly completed. We are still looking for a food vendor, volunteers to fill in the remaining helper time slots, and members to fill display cases. He also reiterated that spreading show dates on social media would be helpful. Anyone that uses Facebook, Instagram or Twitter is asked to post our show information on their pages.

Board Meeting

Old Business

- Discussion on our membership roster. Kathy has updated the membership roster with approximately 90 members that receive the Geode. She clarified with the Board that 32 of those people have not renewed and will be removed from the roster and Geode mail/email lists. She will also highlight Lifetime Members on the roster from the work Larry did on confirming those members.

New Business

- The Board discussed whether to begin offering refreshments during our meetings. The church should be contacted to see whether they approve of our using the kitchen for refreshments before a decision is made.
- Wayne will contact the Carpenters Local Union to ask whether their apprenticeship program would be willing to build a few cases a year for the club. This proposal was in the works before the pandemic shut down these types of programs.
- It was reported that Mickee Madden has taken over the sale of grit and saw oil. Please see the Geode for further information.

May 4th meeting program will be all about the show. The June 1st program will be a parking lot sale and swap at the Church.

The meeting adjourned at 7:35 p.m.

Respectfully Submitted
Sally Lyon, Secretary

2022 SILENT AUCTION RULES

- NO bidding while working behind the tables.
- All items must be paid for at the end of the auction round & there will be no storing of materials for club members behind the tables.
- No socializing with non-workers behind the tables.
- The chairs behind the tables are for the auction-workers use only.
- All items submitted for the auction must have a slip made out for it, and affixed to the item with a rubber band if possible.
- **½ Hour Auction** will begin at 10:15 am

2 Hour Auctions:

- This is for higher value items, and a limit of two items per family, per auction for each session unless there is a shortage of material for the table.
- The bid sheets for the 2 hour auctions are on colored paper, the ½ hour auctions on white. PLEASE PRINT YOUR NAME CLEARLY on the slip as well as WHAT THE ITEM IS. Mark if it is Consignment or a donation. If no box is checked, it is assumed that it is a donation. On white slips, put in an opening bid, leaving the space to its left blank. On the colored slips, again, mark consignment or donation. Under BUY IT NOW, put in an amount. Also, put in an opening bid in the proper column. I recommend \$10 to \$20 above the opening bid price for the BUY IT NOW. It's up to you.
- **Payout on sales is a straightforward 70% to owner, 30% to club. If you want a certain amount for your item, please figure out that amount in your 70% return and write that on your slip as the opening bid.**
If an item does not sell, it will be removed from the table and set aside for another sale round or set aside for the owner to claim later.

Consignment Sales:

- All half-hour items for sale will begin with a \$1.00 opening bid. Please mark your slips accordingly.
- Consigned items are split 70% to the club member and 30% to the club.
- If an item does not sell, it will be removed from the table and later placed in another round or set aside for the owner to claim later.

Bid slips will be available at the May meeting so club members can prepare their items for sale.

Raffle – Raffle – Raffle

We are, again, having our raffle. We have more beautiful items that have been donated for this year's raffle.

A sphere with lots of sparkle created and donated by Kerry Norton

A knapped knife created and donated by Rick Tobin

Drawer knobs created and donated by Max Hatfield

Laguna Lace Agate donated by Don and Pat Snyder

Inlay created and donated by Wayne Larson

"I'd Rather be Rockhounding" cribbage board created and donated by Max Hatfield

Gem Tree Set created and donated by Mickee Madden

Montana Agate Necklace created and donated by Chris Sorensen

Beading/Chainmail kits donated by the estate of Teresa Dreaney

Polished Agate donated by Don and Pat Snyder

Fluorite carving

Cabochons

The drawing will be at the Lakeside general meeting in June. You do not have to be present to win. Tickets are \$1.00 each or 6 for \$5.00. Get your tickets at the May and/or June club meeting or at the May show.

If you have an item you would like to donate for next year's raffle, Pat Lambert is collecting items.

Selling Items at Club Shows, Auctions and Other Club Related Activities

Items that could be sold at club shows, auctions and other club related activities:

- Rocks, Minerals, Fossils (specimens, rough).
- Lapidary and carving rough and associated equipment and supplies.
- Rockhounding equipment and supplies.
- Faceting rough and associated equipment and supplies.
- Gold Panning/Metal Detecting equipment and supplies.
- Flint Knapping equipment and supplies.
- Jewelry equipment and supplies.
- Magazines, books, DVDs, CDs, associated with any of the above items/topics.

In short, the items you sell **must be directly related to minerals, rocks, and fossils or jewelry.** Please remember what we sell reflects upon our club and tells the public what we are about!

Classifieds



Mike Zinski's Workshop for lapidary arts:

Rock Saw Oil and Grit: Please have exact change and contact for pickup:
Mickee Madden -.

Saw oil purchasing information:

- Must be a LSGM club member to purchase saw oil.
 - Membership forms are available if you need to join.
- Oil \$12 per gallon.
Available in 5-gallon buckets, or bring your own containers

Tumbling grit all sold in 2# bags only:

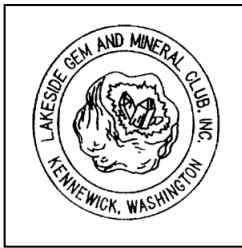
- 80 grit: \$5.00 for 2# bag
- 220 grit: \$5.50 for 2# bag
- 600 grit: \$7.00 for 2# bag.
- Cerium Oxide Polish Powder: \$23.00 for 2# bag.
- For every 10 lbs. of tumbled rock you donate (no river rock), get 2 lbs. of 60/90 or 220 grit free.

For Sale - Rock and Mining Equipment.

18" Lortone Saw, Lortone tumblers, Custom High Banker with 7 horse Duromax trash pump and 175 ft. of 2" hose. 2" dredge with 3-1/2 horse Briggs&Stratton motor with suction hose. Fischer Gold Bug Series E Metal Detector with 3 coils and more. Moving first week of June and must sell. Please call for more information and an appointment to see what is available.

Margaret: [509-851-3316](tel:509-851-3316) Ken: [509-852-3315](tel:509-852-3315)





Lakeside Gem and Mineral Club
25th Anniversary Show
May 21 - 22, 2022
Benton County Fairgrounds, Kennewick, WA

MOCK COMPETITIVE DISPLAY APPLICATION
(To be used for Judges Training)
Deadline: April 22, 2022

Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip: _____

Member of Club/Society: _____ City/State: _____

Competing in: Division: _____ Class: _____ Junior Exhibitor: Yes ___ No

Junior Only: Date & year of Birth: _____

Cases will be judged according to the current edition of AFMS Uniform Rules, the latest "Gem List", the latest Mineral Classification List, and the latest AFMS Fossil List.

Exhibitor Group - Master ___ Advanced ___ Novice ___ Junior ___ Society ___ Jr. Society ___
(Consult AFMS Uniform Rules, 8th Ed. With updates at www.AMFED.org through 2018)

Type of material and/or type of exhibit (including Black Light exhibits): _____

Your case dimensions: _____ width _____ height _____ depth

Do you need to borrow a case? Yes ___ No ___

Please note: loaner cases (4' x 2' x 2') do not have risers: you will need to bring your own. Liners will be provided, if needed. Please make your reservations as soon as possible if you wish to borrow a case.

You may set up your case(s) between 3 PM and 8 PM, Friday May 20, 2022. Your exhibit may not be removed before 4:00 PM Sunday May 22, 2022. Security will be provided during setup and tear down and during the days of the show. Should exhibitors for any reason need to open their cases between 10:00 AM Saturday, May 21, 2022 and 4:00 PM Sunday, May 22, 2022 they are required to have a member of the show committee or uniformed security present.

LIABILITY: It is mutually agreed that the Lakeside Gem and Mineral Club and/or the Northwest Federation of Mineralogical Societies shall not be liable to any Exhibitor in whole or in part. This includes the property of Exhibitor or injury to their person resulting from any cause. Submitting this signed application for entry constitutes acceptance of their rules and regulations.

I certify that all materials exhibited in competition are my personal property, and that all workmanship exhibited in competition was done by me as required by the rules. I have read the current rules and agree to abide by them.

SIGNATURE OF EXHIBITOR: _____ Date of form: _____

OFFICER CERTIFICATION: I am an officer of _____ and I certify this exhibitor is a member in good standing of said society and AFMS.

OFFICER SIGNATURE: _____ Title: _____ City: _____

Mail or provide applications to: Larry Hulstrom, 5409 W. 26th Ave., Kennewick, WA 99338
Competitive Exhibit Applications must be postmarked by April 22, 2022. One form per exhibit. Forms may be duplicated.

Membership Application
Lakeside Gem and Mineral Club
January 1, 2022 – December 31, 2022

Dues are prorated according to the month you join. Date _____

___ Family - \$25.00 Join date (Jan-Mar) \$20 (Apr-Jun) \$15 (Jul-Sept) (List all of the Members of the immediate family to be covered by the family membership)

___ Individual - \$20.00 Join date (Jan-Mar) \$15 (Apr-Jun) \$10 (Jul-Sept)

___ Junior - Member only (is not a part of a family membership) - \$5.00 join date (Jan-Mar) \$4.00 (Apr-Jun) \$3.00 (Jul-Sept)

Please mail to: Lakeside Gem and Mineral Club Attn: Membership
PO Box 6652, Kennewick WA 99336-0603

Name(s) _____

Address: _____

City: _____ State: _____ Zip: _____ Phone: _____

Email: _____ Email: _____

Junior Member(s) _____ Age _____ Birth Month _____
(6 - 16)

_____ Age _____ Birth Month _____

_____ Age _____ Birth Month _____

_____ Age _____ Birth Month _____

I would like to receive the Geode newsletter by: _____ mail _____ email

May we list your contact information on our local membership list?
(available to Lakeside members only) ___yes _____no

May we list your contact information in the NW Federation Directory?
(available to Federation members) ___yes _____no

Suggestions for meeting programs:

I would like to see a program(s) on _____

I would like to help with

Field trips _____ Membership _____ Newsletter Articles _____ Programs _____

Publicity _____ Junior programs _____ Mailings _____ Other _____

Please make check payable to:

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

Officers E-mail: lakesidegemandmineral@yahoo.com

President	Chris Sorensen	Director	Patrick Donohue
Vice President	Peter Kovich	Director	Jane Moore
Secretary	Sally Lyon	Fed. Rep.	Larry Hulstrom
Treasurer	Caroline Bowdish	Jr Club Leader	Pauline Schafer
Past President	Bill Hamel	Bulletin Editor	Patty DeForest

Phone numbers are all Area Code 509. By-Laws specify two year elected terms of office for Board Members, beginning in November. President, Vice President and one Director begin in even numbered years. Secretary, Treasurer and one Director (*) begin in odd numbered years. Federation Representative, Junior Club Leader, Bulletin Editor and Committee Chairs are Board-approved volunteers. By-Laws at www.lakesidegemandmineralclub.com

Other Contact Info:

Program Director: Duke Rauh
 Librarian: Walther Rohlfing
 Membership Coordinator: Kathy Larson
 Refreshments: Rhea Bowerly
 Historian: Mickee Madden
 Sunshine Chairman: Sally Lyon

Rockhound Legislative Advocate

When notified by the AFMS, the NFMS, ALAA or club members about legislative issues that will affect rockhounding activities, 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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