



# THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

Web Site: [www.lakesidegemandmineralclub.com](http://www.lakesidegemandmineralclub.com)

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Facebook: Lakeside Gem & Mineral Club

Instagram: lakesidegemandmineral

Volume 172 Issue 07

July 2023

**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 Deadline:

19<sup>th</sup> of the month for member articles & photos

E-mail: [lakesidegemandmineral@yahoo.com](mailto:lakesidegemandmineral@yahoo.com)

**Membership:** Please pay at meetings or mail in.

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The Membership List is being updated for 2023 of paid members. Make sure your dues are paid so that you don't miss out on club communications and The Geode.

## Club Meetings & Upcoming Events

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

**First Tuesday of the Month** - Social at 6:30pm – Meeting at 7:00pm

**July, 2023** – No Club or Board meeting

**July 1, 2023** – Coyote Canyon Mammoth Dig, meet in parking lot by Fred Meyer on 10<sup>th</sup> Ave between 9:00 and 9:30 and caravan to the dig site. Walther Rohlfing is contact.

**July 8, 2023** – Wild Turkey Mine about 8 miles from Chewelah, WA. Noble Serpentine can be found here.

**August 1, 2023** – Club Meeting, **New Day – FIRST TUESDAY OF MONTH** – Show and Tell

**August 21, 2023** – Board Meeting

**September 16, 2023** – End of Summer Picnic and Auction

**Juniors – July 11, 2023 (6:30pm)** – Picnic and Rock Swap

**Juniors – August 8, 2023 (6:30pm)** – Meeting

## Minutes – Meeting, June 7, 2023

Tailgating prior to meeting 6:00 – 7:00 p.m.

Meeting called to order at 7:06 p.m. by Patrick.

### Old Business

- Discussed name badges were available and several people purchased theirs.
- Discussed the need for a new person to handle the buying, storing and dispensing of supplies, such as grit and saw oil.
- Vicki brought three samples of Gem Trees she made in the class a couple of weeks ago. Thank you.
- Larry Hulstrom gave some final show details.
- The club treasurer, Sally Lyon, gave a report about bills and accounts. All bills are paid and we are solvent.
- Wire Wrapping classes June 10<sup>th</sup> and 11<sup>th</sup>. The club is reimbursing instructor for mileage to/from Montana. There are two beginner classes (a.m. sessions) and two advanced beginner classes (afternoon classes.) Costs are \$40.00 for copper and \$45.00 for silver.
- The Club and the Church have agreed on a new meeting day. It will be 1<sup>st</sup> Tuesday of each month. Since there isn't a meeting in July, the new day will begin on August 1<sup>st</sup> – same time. Signed contract going to church tomorrow (June 8<sup>th</sup>).
- Upcoming rock trips: July 1<sup>st</sup> – Mammoth Dig Tour. Meet at the FM parking lot at 9:00 a.m. (Turn in the entry at the gas station and follow straight back.)
- July 8<sup>th</sup> – Wild Turkey Mine. Was decided that we would all go separately and meet up once there. Please take Patrick's phone number with you. Patrick said we could get a map at WashingtonRocks.net and he reported that they now have porta-potties, but still no potable water. There is no shade, so bring a patio umbrella or something. Patrick also suggested gloves, spray bottle and chisel. No cost to dig, but \$1.50 per pound for what you take out.

### New Business

- By a show of hands, we had 5 new members/visitors attend.
- No meeting in July.
- August program is open. Larry mentioned possibly lapidary-related or "cabbing." Requested volunteer.
- The Fair is coming and we will need to do sign-ups. We will have 6 display cases to set up. Volunteers would work shifts of 2 – 3 hours and will get a ticket for entrance to the Fair. Later, it was decided that Kathy is in charge of our August Fair sign-ups.
- One of our new members, Enrique, belongs to an organization that is trying to get a Cultural Preservation building done (in Pasco). If any of us want to learn more, there is a meeting (I think in Yakima) either July 11 or 12. He will email the club when the date is set.
- Larry reminded us of the NW Federation Annual Show, and American Federation Annual Show and meeting coming up in Billings, MT Aug. 3 – 6. The week after there will be field trips offered.
- Registration information in the NW May/June newsletter or you can go to their website and click on "Federation Show" in the upper right. Display application deadline July 1.

Patrick adjourned the meeting at 7:38 p.m.

Respectfully submitted,  
Debbie Muller

### **Juniors Meeting – June 13, 2023**

At the June meeting, the Juniors learned about fluorescent minerals. Children observed how certain minerals show a different color under a short-wave ultraviolet lamp, and learned a bit from Chris about why this happens. They also cracked open Mexican geodes and used the lamp to test them and observe their rocks from home. Outside the museum, we got a chance to see airplanes scooping water from the Columbia River to put out nearby wildfires.

Several Juniors shared their Mineral of the Month reports, and club VP Ahziah shared samples of a number of rocks that he and his family collected on a recent trip to Utah, including Moqui Marbles (spheres of iron oxide and sandstone), interesting conglomerates, shale, and schist.

The club traditionally has not had a regular meeting in July, but we decided to get together Tuesday, July 11 at 6:30 for a picnic and rock swap on the patio at the REACH Museum. Families may bring a treat or snack to share (but certainly not required!) and any rocks they would like to give away/swap. Keep working on reports and bring those to the August meeting to share (August 8.)

We are also planning a meet-up at the planetarium at Columbia Basin College in Pasco in August, so please look ahead on your calendar to see which date works for you: Fri Aug 4 7:00 pm, Sat Aug 12 at 2:00 pm, Fri Aug 18 7:00 pm, or Sat Aug 26 at 2:00 pm. You can see more details and indicate your preference at <https://forms.gle/wFW5eg5ck3KNSyS28>

### **Mineral of the Month Reports**

#### **CLINOZOISITE by AHZIAH Age 10 1/2**

The first thing that caught my eye and made me pick this rock to do a report on was the neat spots and cool greenish color of it. Clinozoisite has in fact a hardness of 7 and is found in Mexico, Spain, Italy, and northeast America. Mine was found in Elko County near Contact, Nevada. I drove through this town last month which is kind of cool.

Clinozoisite can be many different colors including brown, green, brownish-green, yellow, gray, beige, and rarely pink and white. It is metamorphic. It looks like zoisite and monoclinic crystals so they combined those to come up with a name.

This rock has little crystals in the greenish part of it, and has no uses except for collecting.. Online they called it ugly, but I think it's pretty. I got my information from Wikipedia and Minerals.net.

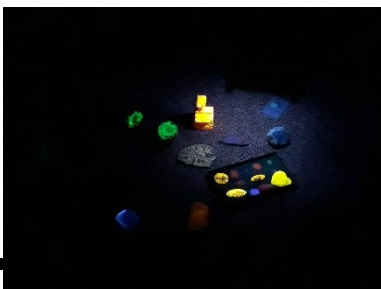
#### **Galena by Isaac Ballard**

Galena is also called lead gance. is the natural mineral form of lead.

Galena also contains silver. It is found in hydrothermal vents. Galena is the official state mineral of Kansas.

#### **Apophyllite by Kaden**

Forms in lusterous transparent crystals. Occasionally large but beautiful. First, discovered in 1806 by R.J. Havy. Apophyllite can be found as gray, yellow, red and green, Green Apophyllite is the rarest and can be found in Poonal, India, Brazil and Quebec, Canada.



## **Minutes – Board Meeting, June 19, 2023**

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

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

### **Regular Business**

- Treasurers Report: Not published per historic club practices.
- Membership: Kathy reported that our new Membership Coordinator, Lisa Noland, is doing a great job, and the membership rolls have been updated and cleaned out.
- Junior Club: The last Junior Club meeting was all about florescent rocks with a talk and demonstrations by Chris Sorensen. The juniors are working towards a badge in florescent rocks.

### **Old Business**

- Benton/Franklin Fair: Larry has contacted the fairgrounds to finalize our 2023 contract. No contract is ready yet. Volunteer signup sheets will be available at the August meeting, as well as through a Google form in everyone's email. Remember, working at the fair gets you a free ticket and bus pass!

### **New Business**

- Jerry Sorensen has renewed the subscription to GoDaddy which maintains our website.
- Our end of summer picnic and auction will be held on September 16<sup>th</sup> this year. Sally will contact Kennewick Parks and Recreation to reserve the gazebo at the Grange Park on Union Street.
- The Board discussed whether to renew our subscription to Zoom Meetings. The motion was made and seconded to drop the subscription.
- Since our regular meeting day has been changed from the first Wednesday of each month to the first Tuesday, and the Junior Club meeting location has changed, we need to reprint the club business cards, as well as our brochures. The inventory of brochures is low enough that it was felt that we could change the meeting day by hand and use them during the fair. Discussion on whether the brochure should be completely redone. This will be tabled until after the fair.
- The board talked about renewal of the club membership with the Washington State Mineral Counsel. This will be discussed during the August meeting to get feedback from our membership.
- Larry has been appointed to an ad hoc committee by the American Federation of Mineralogical Societies to revise the Uniform Rules pertaining to competitive cases, making them more user friendly. Per the AFMS Bylaws, a registered club needs to sponsor any updates made to the Uniform Rules. Larry asked for the Board's approval for him to represent the club in this matter. The board approved.
- Discussion on awarding lifetime memberships for 2023 during the October meeting.
- There are no club or board meetings in July.

August 1 meeting program will be all about a show and tell of what everyone found on their field trips this summer, and let's see your creations from the wire wrapping and gem tree classes! Also, don't forget to let everyone see your finished pieces from Don Snyder's donated rocks!

The meeting adjourned at 7:55 p.m.

Respectfully Submitted  
Sally Lyon, Treasurer

### Fluorescent light safety by Chris Sorensen

The ultraviolet lights used in fluorescent mineral displays produce skin and eye damaging radiation when precautions are not taken. The fluorescent lamps produce UVC radiation which can be hazardous, just like sunlight. Basic precautions include not looking into the light directly, wearing protective eyewear such as pvc safety glasses, wearing gloves and sleeves when exposure time is extended, and reducing the time exposed.

A long- time member of our club told us that when he was setting up his fluorescent case with the short wave lamp on he was in the case long enough to damage his eyes and get a sunburn. He said his eyes hurt terribly for days, as he had not worn any protection. He emphasized that following that exposure; he always wore goggles, gloves ,and sleeves when arranging his fluorescent display with the light on.

What about when you look at a display? You are protected by the plexiglass fronts on the fluorescent displays when you go to look at displayed minerals. Since the angle of the light is above the specimen and not pointed directly toward your person you also have reduced chances of damaging radiation. Reducing the time staring at displays may also reduce eye strain.

### Wire Wrapping with Kathy Muechel





### **Lakeside Hat and T-shirts are on Sale Now!**

It's going to start warming up outside. Do you have a Lakeside Gem & Mineral Club hat or T-shirt yet? They would be great to wear during the April Show coming up! It also helps to advertise our club, and deter would be shop lifters. The T-shirts are available in a variety of adult and children's sizes. If you already have one why not buy another so when one gets dirty you will have a spare.

The Club Board of Directors has approved a reduction in the price of the T-shirts which are now \$5.00 each. Hats are in short supply and remain at \$10.00 each. Help support your Club. See Larry Hulstrom to get yours today! They will be available at club meetings the next few months.

## **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.  
Contact: Mickee Madden -

### **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.** Limit of 5 lots per seller. Please remember what we sell reflects upon our club and tells the public what we are about! Note: No auction during the December and January meetings.

Officers E-mail: lakesidegemandmineral@yahoo.com

President	Patrick Donohue	Director	Wayne Larson
Vice President	Peter Kovich	Director	Jane Moore
Secretary	Debbie Muller	Fed. Rep.	Larry Hulstrom
Treasurer	Sally Lyon	Jr Club Leader	Pauline Schafer
Past President	Chris Sorensen	Bulletin Editor	Patty DeForest
Program Director		Librarian	Walther Rohlfing
Membership	Lisa Nolan	Refreshments	
Sunshine	Sally Lyon	Historian	Mickee Madden

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](http://www.lakesidegemandmineralclub.com)

### 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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