



# THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

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

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

Facebook: Lakeside Gem & Mineral Club

Instagram: lakesidegemandmineral

Volume 168 Issue 03

March 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.

**GEODE Reprint Permission:** Permission to reprint is granted, provided appropriate credit is given to the source.

**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

Social at 6:30pm – Meeting at 7:00pm

**March 1, 2023** – Club Meeting – Let's Talk Field Trips and Future Program Wish Lists.

Also, bring a green rock! Who doesn't have a green rock to share and possibly find out about?

**March 14, 2023** – Junior Club Meeting – 6:30pm

**April 29-30, 2023** – Annual Gem Show

**June 10-11, 2023** – Wire Wrapping Classes

## Wirewrapping class to be offered in June

The club has invited Kat from Kittykat designs to come teach wire wrapping. The plan is to host her on June 10 and 11. A sign up sheet and more information will be provided at the club meeting. She will have a variety of classes including bracelet making and tree of life cabs.

## **Minutes – Club Meeting, February 1, 2023**

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

- Minutes of the previous meetings stand as printed.
- There was no new correspondence.
- Visitors Paris, James and Alita were welcomed.
- 7 lucky attendees received door prizes provided by Mike Zinski.

### **Old Business**

- Pat Lambert is accepting items to include in our show raffle. Pat also needs help with manning the raffle table and distributing prizes during the show. There will be sign-up sheets available.
- It's almost time to honor our lifetime members. If you know someone who is 70 years or older and has been a member in good standing for 15 years, please pass that information along to the board.
- The board has reviewed the LSGM Bylaws and Rules and Operating Procedures. Patrick asked whether there was any objection to amending the procedures as follows: "A club member in good standing may be nominated to stand in for a board member who is unable to attend club or board meetings. The nominated stand-in shall have voting rights". There was no objection. The procedures will also be amended to include rules for the silent auctions.
- Let Larry know if you would like to order a name tag to be worn at our, or any other club's show.
- Hats and t-shirts are available for purchase. Hats are \$10 and shirts are \$5.
- Field trip weather is approaching. Please contact Patrick with suggestions of where you would like to go.
- Larry went over ongoing planning for the show. He asked members to begin thinking about filling a case with your favorite collection, a display of your lapidary projects, field trips you've made, local geology, or anything that you enjoy about our shared hobby. He also asked whether members are storing the advertising yard signs at home. Seems that the supply in our storage unit is dwindling.
- Remember to bring in your finished pieces from Don Snyder's donation bags for show and tell. Everyone can pick up a new selection of Montana agates once you've shown your finished work.

### **New Business**

- A club member has offered a \$250 donation in the name of Frank Omstead to the American Federation of Mineralogical Societies scholarship fund and asked that LSGM match that donation. The motion was made and passed to honor Frank with this matching donation.

Program: Video presentation of the Stonerose Interpretive Center and Eocene Fossil Site

The meeting adjourned at 8:20 p.m.

Respectfully Submitted  
Sally Lyon, Secretary

## **Minutes – Junior Club Meeting, February 14, 2023**

At the February meeting, the junior members elected Tyler to be secretary, Ahziah as vice president, and Arthur as president. We are so excited these members stepped up to be leaders and look forward to their input! We also played a game of rock bingo that helped us learn the names of many of the rocks we like to collect.

For the March 14 meeting, we will model the processes of the rock cycle to understand how rock changes from one kind into another. Members should also bring any other mystery rocks they have that they would like to identify. The location of this meeting is yet to be decided, so if you are not on the club's email list, please contact Pauline. Meetings typically run from 6:30 to 8:00 pm.

## **Minutes – Junior Club Meeting, February 14, 2023 - continued**

Wyatt, Calvin, Lilly, and Juni gave reports on rocks they have researched. And Pauline gave everyone samples of a mystery rock. Juniors will try to identify this mystery rock during future activities!

### **Iceland Spar** *by Wyatt*

Iceland spar has many uses. One is Vikings used Iceland spar to locate the sun on a cloudy day. And it can be different colors. It is a magical crystal.

### **Amethyst** *by Juni*

Amethyst is the purple variety of quartz. Amethyst has a hardness of 7. Amethyst is found in igneous, metamorphic, and sedimentary rock. Amethyst is a popular stone used in jewelry. Amethyst has a colorless streak and a vitreous luster.

### **Heulandite** *by Lilly*

Named in 1822 by Henry James Brooke, in honor of Johann Heinrich "John Henry" Heuland. Heulandite is usually colorless or white, but also has been found in orange, brown, yellow, brick-red, or green due to inclusions of celadonite. It varies from clear to translucent. It can be found in Iceland, on the Faeroe Islands, Scotland, Switzerland, the United States, Canada, Brazil, India, and Australia among many others.

Heulandite has hardness of 3.5-4. The crystals, which are usually tabular, are often in a distinctive form reminiscent of old coffins. Crystals usually form in curved aggregates of such crystals. Crystals may also be barrel-shaped, in groups of thick radiating crystals, saddle or fan-shaped, chisel-tipped, in foliated groups, in rosettes, and grainy. Also in elongated interconnected groups of crystals and in geode-like formations. Heulandite as a zeolite is also used in water purifiers and chemical filters.

I chose this mineral because I thought it was shiny. It looked like a pretty shark tooth.

### **Aragonite** (arr-gun-nite) *by Calvin*

Aragonite is a carbonate mineral, one of the three most common naturally crystal forms of calcium carbonate,  $\text{CaCO}_3$  (the other forms being the minerals calcite and vaterite.) It is formed by biological and physical processes, including precipitation from marine and freshwater environments.

Aragonite may be columnar or fibrous, occasionally in branching helicitic forms called flos-ferri ("flowers of iron.")

Aragonite can be found all over the world...as hot spring deposits when water, releasing calcium upon reaching the air, forms mounds and thick crusts around the spring (travertine.) Gem-quality crystals of aragonite can be found in Germany and Austri. Other sources include Czechoslovakia, Sicily, Greece, Spain, and Japan.

Aragonite comes in lots of shapes and colors such as red, yellow, orange, green, blue purple, grey, and browns. It is also UV reactive and glows in the dark in many different colors!

With a hardness of 3.5 - 4. It is also essential for much sea life because it not only helps keep the water at natural pH levels but it also has been successfully tested for removal of cobalt, lead, and zinc from contaminated wastewater.

While aragonite is beautiful it is not typically used in jewelry due to its fragile nature, it can scratch easily and should be handled and stored with care. If cleaning is necessary it is best to use a soft brush and mild soap with warm water.

I chose this because of the crystallly shine.

## Minutes – Board Meeting, February 20, 2023

Present: Officers Patrick Donohue, Peter Kovich, Chris Sorensen, Larry Hulstrom, Jane Moore, Patty DeForest, Sally Lyon.

Caroline Bowdish and Wayne Larson via Zoom; Member Mark Kidder.

Peter called the meeting to order at 6:40 p.m.

### Old Business

- Treasurers report: Not published per historic Club practices.
- Mark Kidder shared that the NFMS membership report has been completed and he will get that to Caroline for payment. Our membership roles are down at this point. Mark will cull the list for non-renewing members. It was decided that if dues are not paid by January 30, the February Geode will be their last, and their name will be removed from our roles. This determination does not include our Lifetime Members.
- Kathy confirmed that a wire wrapping class is scheduled for the 2<sup>nd</sup> week of June. There will be 2 classes per day over a 2-day period. Each class will be 2 to 4 hours with one being for beginners, and the other an advanced beginner class. The cost is \$40 for copper and \$45 for silver. More information on location and specific dates and times will be available during the April meeting, and in the Geode.
- The storage units have been paid for through June. Discussion regarding whether we should try and rent a third unit is tabled until after the show.

### New Business

- There was no new business reported.

### Junior Club Business

- Chris will check with Steve Shoemaker regarding whether he was able to purchase small specimens at Quartzite for the Junior Club.
- Chris reported that the juniors have not been able to meet consistently due communication problems with the Kennewick School District and their nighttime maintenance crews. Pauline and Chris therefore proposed that the adult club support our juniors by finding and paying for a monthly meeting space. Rent could be from \$40 to \$60 per month. The motion was made and passed to support the Junior Club by paying for meeting space up to \$60 per month. Chris and Pauline will research possible sites.
- The Junior Club has been receiving a free monthly subscription to “Mini Minerals Monthly”, which they use frequently. The publication is no longer free, and Chris asked that the adult club pay \$12.95 per year to receive the magazine. The board agreed to pay for this subscription.

### Show Business

- 2023 fliers are ready.
- 16 dealers have been finalized.
- Payment will be made to the fairgrounds and City of Kennewick.
- The fairgrounds have tables and chairs that we can use for free this year.
- “Between The Buns” confirmed that they will be our food vendor.
- Jane volunteered to coordinate the hospitality room and potluck dinner.
- The security contract will be finalized.
- Larry will get the U-Haul rental set up.
- Sally will contact local libraries to set up show advertising displays.
- Sign-up sheets for all volunteer spots will be available at the March and April meetings.
- Facebook and Instagram are the most useful advertising venues available nowadays.

March program. Let’s Talk Field Trips and Future Program Wish Lists.

Also, bring a green rock! Who doesn’t have a green rock to share and possibly find out about?

The meeting adjourned at 8:00 p.m.

Respectfully Submitted

Sally Lyon, Secretary

## Raffle Donation Items

If you have an item you would like to donate for the club raffle held at the rock show, please bring it to the March club meeting or call Pat Lambert to have it picked up. (509 582 6028)

**Membership Application**  
**Lakeside Gem and Mineral Club**  
**January 1, 2023 – December 31, 2023**

**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

## 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	Sally Lyon	Fed. Rep.	Larry Hulstrom
Treasurer	Caroline Bowdish	Jr Club Leader	Pauline Schafer
Past President	Chris Sorensen	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](http://www.lakesidegemandmineralclub.com)

**Other Contact Info:**

Program Director:

Librarian:

Walther Rohlfing

Membership Coordinator:

Kathy Larson / Mark Kidder

Refreshments:

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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Volume 168 Issue 03

February 2023



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**PO Box 6652**

**Kennewick, WA 99336-0603**

## **Stamps -- Stamps -- Stamps**

We have new volunteers running the stamp program. They have chosen to donate the stamp money to the federation youth scholarship program. They do not want flag stamps but want commemorative stamps (the non flag stamps) or stamp collections. The stamps need to have 1/4" of paper around them if you are taking them off an envelope. You can just tear off the end of the envelope if it is handier for you. Bring your stamps to a meeting and give them to Pat Lambert.

**Thank you again for taking the time to collect stamps for a good cause.**

## **Lakeside Gem & Mineral Club YouTube Channel**

Did you know the Lakeside Gem & Mineral Club has a YouTube channel? To date we have presentations from select Zoom meetings and most recently videos from our annual show. In order to learn more about our members and to share your stories we would like to create a series of member videos highlighting your interests in rockhounding, jewelry making, mineral collecting, and whatever else brought you to the club. These would be short features – five to ten minutes – and could be recorded before or after club meetings, in your studio or workshop if you want to showcase your setup, or even at a convenient meet-up location like a park.

Fill out an interest card at the next meeting, or email the club if you would like to be profiled.