



THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

www.lakesidegemandmineralclub.com E-mail: lakesidegemandmineralclub@yahoo.com

Volume 126 Issue 04

April 2019

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

April Meetings

Club: Wed. 3rd – Social 6:30 p.m. Meeting 7:00 / **Board Meeting 15th 6:30** Seventh Day Adventist Church, 7105 W 10th Ave, Kennewick

Junior Club meets 9th 6:30 pm; Banner Bank, 203 W 1st Ave., Kennewick
JR Club Leader Thora Trumbo (509) 582-4297

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GEODE Reprint Permission:

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Member contact information updates:

Please notify Mark Kidder at markkidder@msn.com

GEODE Submission Deadlines:

- 19th – member articles & photos
- Day after Board mtg. - officer & committee contributions

E-mail them to

mickeemadden@charter.net

- Please contact Mark Kidder with any changes to your street or email address for our membership list.

Bragging Table

Bring something you found (and maybe need someone to identify for you), a rock or fossil you find interesting or love, something you made...

ANYTHING YOU ARE WILLING TO BRING TO THE TABLE AND TALK ABOUT.

Show Planning Meeting – March 18, 2019

Larry Hulstrom, Show Coordinator, reported that show planning is moving along. We still need volunteers in the following areas:

- Display Cases
- Lunch and Potluck Setup and Cleanup
- Show Setup and Tear Down
- Ticket Sales
- Geode Cracking
- Silent Auction
- Items for the 2 Hour Auctions
- Yard Signs
- Flyer Distribution
- **Please remember, if you volunteer to help at the show in some way, i.e. set up, tear down, ticket sales, demonstrations, etc., you get in for free. If you're not signed up, you have to pay the \$5 entrance fee.**

I would like to thank you to all the people who have donated rocks to the silent auction and also to the people who have bought the rocks in support of funding the donation to the church for which we have a very nice place to hold the Lakeside Gem & Mineral Club meetings.

The 2019 Oregon rock, gem, & mineral outdoor show are as follows:

Pow Wow at Prineville, Or. Thur. June 13 to Sun. June 16 Field Trips: Fri. – Richardson's Ranch

Sat. -- Ochoco Tube Agate

Sun. -- McDonald's Ranch

Pow Wow at Madras, Or. Thur. June 20 to Sun. June 23

Field Trips not listed on website, but they do field trips. You have to join the two different clubs to go on the field trips. There is dry camping at both of the shows (\$) and full hook up campgrounds (\$).

Cascade Locks Rock & Mineral show at Marine Park Fri. June 28 to Mon. July 1.

Do not know of any field trips.

Marty Casto

Minutes – Board Meeting – March 18, 2019

Present: (Board Members) Bill Hamel, Chris Sorensen, Duane Schock, Ron Northey, Rick Tobin, Larry Hulstrom, Mickee Madden, Sally Lyon (Members) Jerry Sorensen, Mike Zinski, Mark Kidder
Bill Hamel called the meeting to order at 7:10 p.m.

Old Business

- Jerry Sorensen reported that he had a good turnout for Bob Forsythe's estate sale organization. The sale itself will be on Sunday, March 24th at 611 N Waldemar Ave in Pasco from 9:00 a.m. to 4:00 p.m. Bring your own buckets. The family that all of the rock be removed by the end of the sale.
- We still need someone to volunteer as Program Chair. We have Club meeting programs in place through June, (no Club meeting in July).
- Wayne & Larry are still trying to arrange a meeting with Tri-Tech to check out the possibility of their program building new display cases to replace our oldest/most well used ones.
- Mike Zinski's shop will be ready to offer regular monthly cabbing classes beginning in May. More information will follow in upcoming Geodes.

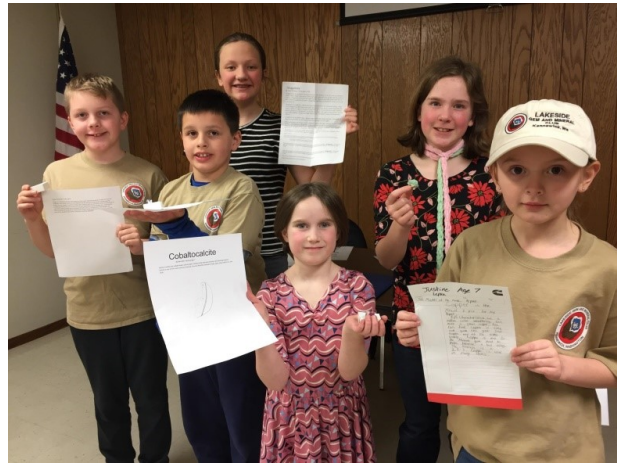
New Business

- The website is being updated on an ongoing basis.
- Kennewick Community Education has asked whether any Club members would be interested in providing classes for their Adult Learning Program. Chris Sorensen explained how their program works, and her experience with providing classes.
- Mickee Madden has developed a special member only email list to be used as an emergency contact by the Board in case of bad weather, or for special announcements such as rock sale events. A sheet will be available at the April meeting for anyone needing to update their email address.

The meeting adjourned at 7:40 p.m. Respectfully Submitted, Sally Lyon, Secretary

March 2019 Jr. Rock Club Report:

- There was much excitement that the club members were able to meet despite the heavy snowfall that morning (again! 5 weeks is enough!) Excitement continued as 19 students and 12 parents began signing-up for Rock Show opportunities of service and 6-8 display cases. Eight students also signed up to do a Mineral of the Month reports in April.
- All three officers were present. Club President Hannah distributed gift cards for students to decorate to later be sent to absentees from meetings. Great idea Hannah! Noah, Taylor Merideth and Hannah received our birthday gifts and a song to celebrate.
- There were six mineral reports. Show-N-Tell items were many, including a beautiful collection of faceted stones done by Nadine, age 12.
- Chris Sorensen graciously shared a variety of polished stones with the students after presenting an informative WA State geology map. She discussed many type of rocks found in various locations and showed samples in a display. This got many in attendance excited about the upcoming field trip season of possibilities.
- Thank you Chris for presentation nice done; we're grateful!



Aragonite by Nadine, age 12

- Aragonite is a carbonate mineral (CaCO_3 is the chemical in it). It is not as common and is more stable, than most of the Carbonite minerals (CaCO_3) just like its relative Calcite. Aragonite is formed through Organic Agencies just like, pearl and Nacre (also known as mother of pearl). Aragonites hardness is anywhere from $3 \frac{1}{2}$ to 4 on a scale to 10. Aragonite is related to Calcite, because they both have the chemical CaCO_3 . Now even though they both have the same chemical in them doesn't mean they look the same. Calcite is a square shaped crystal that can be many different colors (yellow, purple, green, etc). Aragonite is a pointy rock that is hexagon shaped and is pointy and spiky looking. (Aragonite that I have seen is Reddish/orange and sometimes white.) Aragonite on occasions may contain some strontium, lead, and zinc. Normally its long pointy bristles are formed around hot springs! So Cool right? Most good pieces of Aragonite are found in Spain, Arizona, Sicily, England, New Mexico, and Morocco. Aragonite is most the time found in low temperatures towards the surface of the earth. Which is why Morocco, Arizona, and England are good places to look for Aragonite AND find Aragonite.

- Aragonite is a truly incredible mineral! If Aragonite so amazing I wonder what other minerals are out there just as amazing too.

Copper by Justine, age 7

Copper is the Mineral I pick for my Report.

Its characteristics are a reddish color weathering can make a green copper. You can find copper in ores and you can get Just copper out of the ores easily. Copper is one for the Mineral you need to make bronze a hard alloy. The Hardness is 2.5-3. Copper is used in many items

Cobaltocalcite by Meridith, age 7

Calcite is white but cobalt makes Calcite pink. Calcite is the only non-silicate rock forming mineral. Calcite is one of the most common mineral. You can find this mineral in Italy, Zaire, Baja California, and Utah.

My Report by Hannah, age 11

- Apophyllite/Stilbite is a potassium-calcium fluoride-silicate mineral. It is commonly found with in basalt, granite. Apophyllite forms cubic or triangle crystals that can either be transparent or opaque. The color come in white, green, yellow and peach.

- Apophyllite/Stilbite are naturally formed pyramid shapes.

I got my information at

- <http://www.crystalhealingforwomen.com/apophyllite-with-stilbite-crystal-specimen-3/>

Galena by Sage, age 8

Galena forms in an isometric or cubic crystalline formation similar to pyrite. The color is often silver or grey because it contains lead. In fact, it is often mined in as a primary source of lead. It can often be found embedded in other minerals such as granite, serpentine and sedimentary rocks and is often associated with quartz. It is soft with a MOHS hardness of 2.5 and typically feels heavy for its size due to the density of the lead it contains. • Sources: Washington & Oregon Rocks & Minerals, page 263. Rocks, Gems and Minerals, a Golden Guide from St. Martin's Press, page 16 and page 20.

Copper by Sawyer, age 9

- Copper is a chemical element with symbol Cu (from Latin: cuprum) and atomic number 29. It is a soft, malleable, and ductile metal with very high thermal and electrical conductivity. A freshly exposed surface of pure copper is a pinkish-orange color.

- Copper is used as a conductor of heat and electricity, as a building material, and as a constituent of various metal alloys, such as sterling silver used in jewelry, cupronickel used to make marine hardware and coins, and constantan used in strain gauges and thermocouples for temperature measurement.

- Copper can be found in Utah, New Mexico, and Chile such as this sample found in Utah. • Information found on Wikipedia.

Turquoise by Cadence, age 10

- Turquoise is an opaque, blue to green mineral that is a hydrated phosphate of copper and aluminum, it forms when acidic water dissolves copper and aluminum, with the chemical formula $\text{CuAl}(\text{PO})_4(\text{OH})_8 \cdot 4\text{H}_2\text{O}$. It is rare and valuable in finer grades and has been prized as a gemstone and ornamental stone for thousands of years because of its unique streak.

- The crystal system is Triclinic; which means of denoting a crystal system. The crystal class is Pinacoidal (1); which means a crystal form consisting of two parallel and opposite faces. The hardness scale is 5-6. The streak is bluish-white. The specific gravity is 2.6-2.9. • In recent times, Turquoise has been devalued like most other opaque gems, by the introduction onto the market of treatments, imitations and synthetics. The French Turquoise means "Turkish."

- I got my information from Wikipedia.

Tree of Life Pendant Classes



NEW DATES

\$10 Class, includes pre-cut wires (choice of colors), a choice of stones, and a neck cord to have a finished product.

April 26th 10-12

April 27th 10-12

April 28th 1-3

April 29th 1-3

I can only have 4 people per class. I can add more time slots if needed. A sign-up sheet will be available at the April meetings.

If you can't make these meetings and would like to take one of the class, please call:

Mickee at: 509-438-5798

Please bring needle nose and flat pliers if you have them. I do have spares I can loan out.

The people who had signed up for the cancelled March dates will be contacted to see if they are available for these new times.

Wire-Wrapping Tuesdays & Wednesdays 10 a.m. to 3 p.m.

You're welcome to come to Mickee's house to play with wire-wrapping and wire-weaving. You can do your own thing or borrow one of my hundreds of tutorials. I've ordered a Delux Coil Gizmo for making those fabulous coil bezels that are so popular. My workshop is on the second floor in my house, so there are stairs. Pick one or both days. It's all about creative fun!

If you're interested, please call Mickee at: 438-5798

Club Sub-Groups:

Rick Tobin is still holding flint knapping at the Omstead's. Contact Rick for more information.

April Show Camping at Fairgrounds: \$10.00 a night.

Volunteers & Venders who want to park near Building: \$10.00 a day

Let Larry know at meeting if you're interested.

2019 SILENT AUCTION RULES

- A silent auction round will be 30 minutes in duration. The first of the day will end at 10:45 am, so as not to interfere with the calling of door prizes.
- NO BIDDING while working behind the tables and NO socializing with non-workers 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.
- Only volunteers that are pre-signed up are allowed behind the tables unless someone is filling in for a no-show.
- The chairs behind the tables are for the auction-workers use only.

4) 2 Hour Auctions: ● There will be 3 **two hour** auctions each day (hour and a half on last one on Sunday) 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. **We will have a credit card reader available at the auctions. Please write your minimum bid in and also a BUY IT NOW price (if you want to use this option) in the area that will be made available on this year's colored sheets.**

- 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. A 4% cover charge will be added to the buyer's total to cover card user charges.

- **A minimum bid may be placed on an item. The payout on sales is 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 you have any questions regarding this new payout, please contact Wayne Larson.**

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.

5) Consignment Sales:

- Items may be consigned to sell at the half-hour auctions. Fill out a white bid sheet and attach it to the item with a rubber band or tape. **Print your name clearly and check the "consignment" box on the sheet.** If no box is checked, it is assumed that it is a donation. Bid slips will be available at the April meeting so club members can prepare their items for sale. We suggest you open your bids with at least a \$1.00 amount.

Lakeside 2019 23rd Annual Gem & Mineral Show

Setup is Friday April 12th

Show is open on Saturday April 13th & Sunday, April 14th

We need your help! Due to the weather conditions we canceled the March club meeting. Now we are behind the gun to finish preparations for the show. Please think about how you can help and come to the April 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 10 days after the April club meeting so there is no time to waste. Start putting your display together now and sign up at the meeting. The show is one week earlier than usual!!! We need all club members to lend a hand to make our 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 April meeting.

Helpers are needed on **Thursday afternoon (4/11) from 4 to 6 pm (or earlier if you are available) to help load up our supplies at our storage units in Finley.**

We will meet under the Fairgrounds sign at 4pm and go out to Finley to load up all the things that need to come back to the Fairgrounds. **We may try to do some of the loading earlier (1:00 pm ish) if you are available to help, so let us know.** We are using a U-Haul moving truck again this year so things are going to be a bit different than past years.

Displays – we still need about 10 to 18 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 10 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 April meeting! Show us what you have been doing, making, collecting, purchasing at other shows, etc. **If you have a fluorescent mineral collection you would like to display please let me know. We could use 3 more entries.**

Ticket Sales – we still need 4 people to help out on Saturday and 3 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 6 people to help out (3 each on Saturday or 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 4 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.

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.

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

Larry Hulstrom, Show Chairman for 2019

New Workshop Rules for Cabbing, Faceting, Etc. at Mike Zinski's House

- You must be a club member 18 years or older to use the Lakeside equipment.
- Under 18 years of age must have special permission from Mike Zinski to use his equipment.
- Please sign in when you arrive and out when you're done.
- Fees are \$10.00 per year for use of the shop, and \$1.00 per hour for use of the equipment.
- Eye protection must be used at all times when working on any piece of equipment. Safety glasses, face shields, aprons and gloves are available, or you can bring your own.
- Instructors only on the saws unless otherwise authorized.
- Please clean up your machine and area after use.
- Food and drinks are okay, but please throw away your trash before leaving.
- Closed toe shoes only in the shop. No flip flops.
- Clothing should be appropriate for the type of work/tools/equipment you are using.

➤ **PLEASE DON'T COME IF YOU'RE SICK!**

It is hoped that cabbing classes will resume at Mike's house in May. Dates and times will be posted when available.

Classifieds

Rock Saw Oil -- The new oil contact is Rick Tobin 2767 South Lyle St., Kennewick 509 734 8357

Saw oil purchasing information:

- Must be a LSGM club member to purchase saw oil. Membership forms are available if you need to join.
- Must have your own containers
- If you call and set a date and time, please show up and show up on time.
 - Diala (the old oil) \$14.00/gallon
 - Superla 5 (the new oil) \$17.50/gallon

Tumbling grit. **New Prices! 80 grit: \$4.50 for 2# bag / 220 grit: \$5.10 for 2#bag / 600 grit: \$6.50 for 2# bag.**

Cerium Oxide Polish Powder: \$19.00 for 2# bag.

For every 10 lbs. of tumbled rock you donate, get 2 lbs. of 60/90 or 220 grit free. NO RIVER ROCK!!!!

Call Mickee Madden at 509-438-5798. Sold in 2 pound bags only. Pick up at her house in Richland. **Exact change, please!**

- Larry has 2016/2017 Federation Directories available now for sale at \$10 each.
- Larry also has LSGM t-shirts and hats for sale at \$10 each.

News from Texas

HERE'S A THOUGHT....

Shirley Leeson, ALAA Director,
now from the great state of Texas
ambassador@amlands.org

How many of you have visited Washington, DC and visited your Congressman or Senator's office? I can say, I'm among those who have never had the opportunity of visiting my Congressman or Senator's Washington office. But, those same Congressmen and Senators have offices and staff in your area....so much closer for a visit.

So, here's my thought..... Why not set up a visit to either your Congressman or Senators local office and get to know the staff members there. Let them know you're a 'Recreational Rockhound' and explain what 9+1 that is and what it means to you. Bring a small gift with you...something a staff member can display on their desk, something you found, cut and polished with a note on where it came from.....especially if it came from public lands within the Congressman's district. If this isn't possible, make sure the staff knows where the material came from....public lands, designated as multi-use public lands.

You might even bring a gift of a piece of material that can no longer be collected because of special interest restrictions. Show the staff what it's like to know beautiful material is 'out there' but now unavailable because of restrictions. Those restrictions could be the fact that vehicles can no long go on the roads and trails they once traveled because of 'wilderness' restrictions, or material that can no long be gathered because you can't penetrate the earth to reach your objective in restrictive areas.

Offer help to the staffVolunteer your time and expertise. Let them know you are there for them; they can count on you for help.

Find out if your Congressman is on the Natural Resources Committee and if so, offer to do research for the staff members on current projects.

That's my thought....what's yours? ambassador@amlands.org

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) <http://www.amfed.org>

Northwest Federation of Mineralogical Societies (NFMS)

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

American Lands Access Association (ALAA)

<http://www.amlands.org>

Member: Tri-Cities Visitor and Convention Bureau



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**Please read all the information on our April Show,
including the Show Minutes.**

**If you want to volunteer for any of the opening that are still
available, PLEASE come to the April meeting call Mickee before the
meeting to have your name added to one of the open positions.
Mickee 509-438-5798**

**If you do not sign up to volunteer BEFORE the show,
you will have to pay to attend.**