



# THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

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

Volume 98 Issue 8

August 2016

**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

## August Meetings

**Club: Wednesday August 3rd**– 6:30 social, 7:00 p.m. meeting.

**Board Meeting: August 15th** 6:30  
Seventh Day Adventist Church, 7305 W 10<sup>th</sup> Ave.,  
Kennewick

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

## GEODE Submission Deadlines:

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

**E-mail them to**

**mickeemadden@charter.net**

or call (509) 438-5798 to make  
other arrangements

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Member contact information updates:

Please notify Cindy Guettinger at  
clguettinger@att.net

## August Program

The August program has my  
curiosity aroused....what might we  
see??

Several club members have been  
asked to show us their first attempt  
at a lapidary project and where that  
first attempt has led them.

In addition, everyone is asked to  
bring one of his or her first lapidary  
projects to the Bragging Table for  
show and tell. If you have improved  
on that first attempt, don't hesitate  
to show us what you're doing now.

## Summer Greetings

It has been a great summer and there is more still to come. July 29<sup>th</sup>, 30<sup>th</sup> and 31<sup>st</sup> is the combined Northwest Federation and American Federation of Mineralogical Societies' show in Albany, Oregon. The American Federation meeting is held in conjunction with the NFMS every seven years. This show and meeting will bring rockhounds and exhibits from around the US to our area. For additional details, see your issue of the *Northwest Newsletter*.

The Little Naches Thunderegg Field Trip is scheduled for August 12<sup>th</sup> and 13<sup>th</sup>. This field trip is being led by Heather Moon and all the information is in the July issue of *The Geode*. If you need additional information, give Heather a call at (509) 586-1978 or (509) 845-2687.

The Benton Franklin Fair is August 23-27. Kathy Larson is coordinating the Club booth at the Fair. Kathy needs help manning the booth during the Fair. If you can help by manning the booth for a three hour shift, either give Kathy a call at (509) 586-1203 or sign up at the Club meeting. Each volunteer receives a free pass to the Fair.

The Club's Annual Picnic and Rock Auction is on September 18<sup>th</sup> at Keewaydin Park. We need two or three members to organize the event. This would involve arranging for the main dish and setup and cleanup for the event – not a great amount of work since many pitch in to help the day of the picnic. I'll be asking for volunteers at the Club meeting.

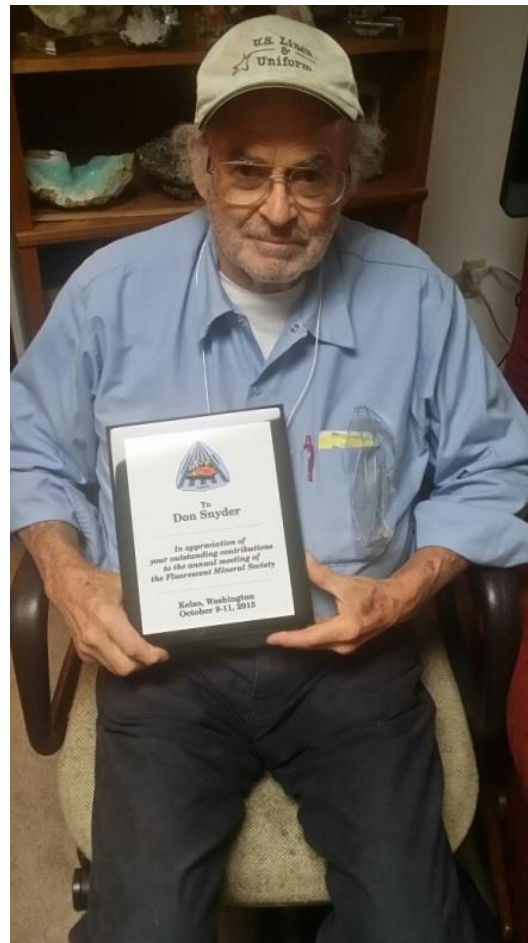
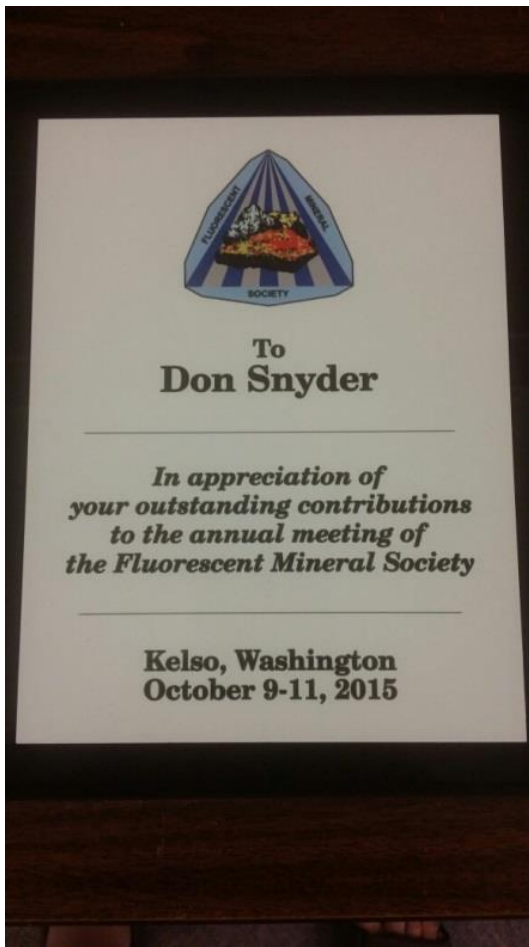
Chris Sorensen is asking for help and input to research special speakers, seminars or possibly weekend programs utilizing funds raised from our raffles. Contact Chris at (509) 392-1362 with your ideas.

At the last meeting, the Club voted to continue having refreshments at the Club meetings. In order to make that happen, we need volunteers to provide refreshments. Please sign up at the meeting for September, October or November refreshments. We need three or four volunteers per meeting.

**Congratulations to Don Snyder!** Don was recognized at the FMS meeting for his outstanding continuous support of the Fluorescent Mineral Society.

See you at the meeting,  
*Evelyn*

The **FMS** (Fluorescent Mineral Society) is recognizing **Don Snyder** for his outstanding continuous support. Congrats Don!



### **Club Library Check it out!**

The full list of library holdings is posted on the Club website at <http://www.lakesidegemandmineralclub.com/home.html>. Only a small sample of the resources is brought to the clubs meetings. If there is a specific book or item you would like to check out at next club meeting, call the Club Librarian, Mark Kidder at 206-478-3685 and leave a message.

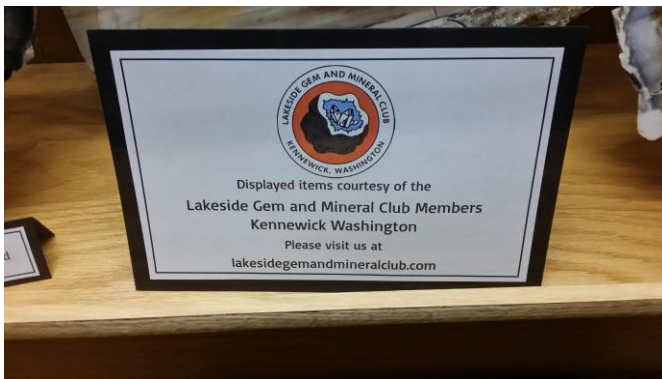
Members may borrow library resources for one month, with a limit of 2 items checked out a time. A list of overdue books and their borrower may be published in the Geode by authorization of the Board. A late fee of \$2/month is assessed. Checking out an item from the Club Library is a great way to preview it before buying your own copy.

## The Reach Showcase



The club has established a new display case at the Reach Museum to promote the club and share the collections of our members. Members are needed to share their collections on a two or three month rotation. There will be a sign-up sheet at the next meeting. Jerry Sorensen currently has a display of eastern WA petrified wood. There are three glass shelves that can be adjusted to accommodate the specimens. The case has two locks and only the club members will have access. The case has LED lights that are on a timer. The Reach Museum is located at 1943 Columbia Park Trail, Richland, 943-4100. Their hours change with the seasons so verify before going.

[visittthereach.org](http://visittthereach.org)



**LITTLE NACHES THUNDEREGG RHYOLITE TRIP**  
**August 12-13, 2016**

Contact Info: Heather Moon

Home Phone: 509-586-1978

Cell Phone: 509-845-2687

E-mail: [h\\_moon39@hotmail.com](mailto:h_moon39@hotmail.com) (Put Naches in subject so I can see it)

I will be leaving Friday afternoon, August 11th, and will be camping at Kaner Flatts Campground. Last year they advertised as \$12 per night for camping. This is the cheapest fee-camp area there and the spaces seem to be bigger. I have a large blue tent and a red Ford F150 Pickup. We are going to try to get the group camp spot which is located to the left when you enter the campground (Campground is located on the right side of the Little Naches Road. It's near the restroom with running water. It is first come, first serve, so hope to be able to get this and save on the cost. It's a large open area where several tents can camp. There are a few pull in spots for those who have RVs that are not far away, also.

We will meet at Kaner Flatts Campground at 10:00am, Saturday August 12th, and leave from there. Some may think this is late to start, but I only did that for those who are driving up from other locations that morning so they don't have to be up so early. I would like a list of those planning on attending so I don't leave before you all arrive. You will need rock picks, shovels, buckets, sack lunch, and plenty to drink. If you want to hunt for fossils, the best way to break the shale apart is with a metal paint spatula.

There are three locations we will go to. There is an area with blue thundereggs which you have to walk in about ¼ mile, uphill. The second is for the green rhyolite with tiny thundereggs. This is right in the road cut, so no hiking long distance. The third is in between these two locations which is for fossil leaves, pine needles and flowers.

For those planning on staying overnight, we will go to a fourth location Sunday morning, which is river walking for agate, jasper and thundereggs. It is overgrown and can be hard to maneuver in spots. Bring plenty of bug repellent.

Please contact me to be put on the list. If you send me an e-mail, I'll forward the map of the area to you. Hope to see you there! I will also bring a sign-up sheet to the August Meeting and samples to show what to expect. Anyone else who has prior-year finds, please bring and share, too :)

**Club Photo to be taken at August Meeting!**

We will be taking a photo of all the members who are attending. If you are a Lakeside Gem & Mineral Club member, **please** attend!

All that is required is your presence and—of course—an engaging smile.

## FYI

- A committee is needed to research special speakers, seminars or possibly weekend programs utilizing funds raised from our raffles. Contact Chris Sorensen if you can take part in this committee.
- Mary Early has Club vests available for \$20. Larry Hulstrom has hats and t-shirts for sale at \$10 each.

## Stamps -- Stamps -- Stamps

Our club donated 3 boxes of stamps to the stamp collection. The stamp chairman is selling some of the stamps online and doing very well. He is making even more money for the cancer fund. Please keep up the good work and keep collecting stamps. Try to keep as much paper around the stamp as you can. 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 for taking the time to collect stamps for a good cause.

## Classifieds

**Rock Saw Oil** -- Max Hatfield 509 582 6028

### Saw oil purchasing information:

- Location: 26106 South Oak Kennewick WA
- Phone: 509 582 6028 home/message phone
- 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.** \$2/lb. For every 5 lbs. of tumbled rock you donate, get 1 lb. of grit free. Frank & Mary Lou Omstead - (509) 783-2798

## Mark Your Calendar!!!

### Cabbing Class at the Omsteads

5:30 to 9:00

August 16th & 17th  
September 20th & 21st  
October 18th & 19th  
November 15th & 16th  
December 20th & 21st (?)

### Flintknapping at the Omsteads

5:30 to 9:00

August 11<sup>th</sup> & 25<sup>th</sup>  
September 8<sup>th</sup> & 22<sup>nd</sup>  
October 13<sup>th</sup> & 27<sup>th</sup>  
November 10<sup>th</sup>  
December 8<sup>th</sup>

## Metalsmiths Group

The Metalsmiths Group recently met and learned the basics of soldering. Torches were discussed. Pick soldering and the solder wire methods were covered. Participants practiced on large jump rings and learned about heat sinks when assembling chain. The next meeting will be August 18th starting at 6:30 sharp. Bert will be hosting the meeting at Affinity at Southridge, 5207 W Hildebrand Blvd, Kennewick. We will meet in the common area and then move to a craft room. Affinity has access control so it's important to be on time. The participants have homework of practicing their soldering and were challenged to make bails. Contact Jerry for simple bail instructions at [jerrybs@frii.com](mailto:jerrybs@frii.com) and join us with your creations. There will also be demonstrations on different methods to make jump rings.



## August Birthstone: Peridot



**Peridot** is gem-quality olivine. Olivine is a silicate mineral with the formula of  $(\text{Mg}, \text{Fe})_2\text{SiO}_4$ . As peridot is the magnesium-rich variety (forsterite) the formula approaches  $\text{Mg}_2\text{SiO}_4$ .

Mohs scale hardness: 6.5–7

**From Wikipedia, the free encyclopedia**

**Etymology:** The origin of the name *peridot* is uncertain. The *Oxford English Dictionary* suggests an alteration of Anglo-Norman *pedoretés* (classical Latin *pæderot-*), a kind of opal, rather than the Arabic word *faridat*, meaning "gem". The Middle English Dictionary's entry on *peridot* includes several variations : *peridod*, *peritot*, *pelidod* and *pilidod* – other variants substitute *y* for the *i*'s. The earliest use in England is in the register of the St Albans Abbey, in Latin, and its translation in 1705 is possibly the first use of "peridot" in English. It records that on his death in 1245 Bishop John bequeathed various items including peridot to the Abbey.

**Appearance:** Peridot is one of the few gemstones that occur in only one color, an olive-green. The intensity and tint of the green, however, depends on how much iron is contained in the crystal structure, so the color of individual peridot gems can vary from yellow to olive to brownish-green. The most valued color is a dark olive-green.

**Geologically:** Olivine, of which peridot is a type, is a common mineral in mafic and ultramafic rocks, and it is often found in lavas and in peridotite xenoliths of the mantle, which lavas carry to the surface; but gem quality peridot only occurs in a fraction of these settings.

**Peridot olivine is mined in** Arkansas, Arizona on the San Carlos Reservation, Hawaii, Nevada, and New Mexico at Kilbourne Hole, in the US; and in Australia, Brazil, China, Egypt, Kenya, Mexico, Myanmar (Burma), Norway, Pakistan, Saudi Arabia, South Africa, Sri Lanka, and Tanzania.

**In meteorites:** Peridot crystals have been collected from some pallasite meteorites.

**Gemology:** Peridot is sometimes mistaken for emeralds and other green gems.

**The largest cut peridot olivine** is a 310 carat (62 g) specimen in the Smithsonian Museum in Washington, D.C.



**LGMC Board of Directors**

Officers E-mail: lakesidegemandmineralclub@yahoo.com

President	Evelyn Cataldo – 628-0170	Director	Wayne Larson – 586-1203
Vice President	Chris Sorensen – 392-1362	Director*	Yvonne Legare – 585-5514
Secretary	Sally Lyon – 947-8443	Federation Representative	Larry Hulstrom – 783-6210
Treasurer	Bert Kaé-Je – 582-3766	Junior Club Leader	Thora Trumbo – 582-4297
Past President	Marty Casto – 628-3509	Bulletin Editor	Mickee Madden – 438-5798

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)

**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. Call Evelyn Cataldo at (509) 628-0170 for details.



**Club Affiliations:**

American Federation of Mineralogical Societies (AFMS) <http://www.amfed.org>  
 Northwest Federation of Mineralogical Societies (NFMS)

American Lands Access Association (ALAA) <http://www.amfed.org/nfms>  
<http://www.amlands.org>

Member: Tri-Cities Visitor and Convention Bureau



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The **Fossil Group** will meet at Evelyn's home at 6:30 pm on Monday, August 8<sup>th</sup>. The group discussion, suggested by Jerry Sorensen, will be on belemnites and baculites. Please bring belemnite or baculite specimens for the discussion. Also, if you purchased a new fossil at the Albany show, we want to see it!