



# THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

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

Volume 90, Issue 12

December 2015

**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

## There will be no Board or Club meetings in December.

**Junior Club meets Dec. 8th 2015 for their Christmas Party and Potluck -- 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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### GEODE Reprint Permission:

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### Member contact information updates:

Please notify Cindy Guettinger at  
clguettinger@att.net

On November 19th, Floyd George, our Lakeside Lifetime Member, celebrated his 95th birthday!



**Happy Birthday, Floyd  
From the Lakeside Club!**

**Minutes – Club Meeting – November 4, 2015**

Club President, Evelyn Cataldo, opened the meeting at 7:00 p.m.

**General Business**

- Visitors were welcomed.
- The minutes stand approved as printed.
- **Treasurer’s Report:** Provided by Bert Kaé-Je (not published per historic Board policy).
- **Christmas Party:** Judy Allison asked for volunteers to help out at the Christmas party on December 13.
- **Refreshments:** Mary Lou Omstead needs 5 or 6 volunteers to provide refreshments for the January Club meeting.
- **Rock Shows:** Evelyn Cataldo shared that the Hatrock Hounds put on a wonderful show in Hermiston. Kathy Larson told us about a big show in Tennessee, and Bert Kaé-Je was inspired by the Hillsboro show.
- Thanks to Larry Hulstrom, Evelyn Cataldo, Judy Allison, Pat Lambert, Jean Smith, Cindy Guettinger and Sally Lyon for their hard work filling 1250 tumbled rock grab bags. Special thanks to Frank and Mary Lou Omstead for organizing, storing and providing their workshop space to facilitate this party, as well as to all the Members who contributed so much fine tumbled material.

**New business**

- A Show Chairperson is needed as soon as possible.
- Discussion on possibly changing the oil type sold by LSGM. Pros and cons were discussed.. This topic was tabled for future discussion.

**Announcements**

- Raffle tickets are still available. The drawing will be held during our Christmas Party.

**Door Prizes:**

- Five lucky people won door prizes. Congratulations to all the winners!

The meeting adjourned at 8:40 p.m.

Respectfully Submitted, Sally Lyon, Secretary

**Minutes – Board Meeting – November 16, 2015**

Present: (Board Members) Evelyn Cataldo, Chris Sorensen, Larry Hulstrom, Wayne Larson, Yvonne Legare, Sally Lyon. (Quorum present).

(Members) Cindy Guettinger, Kathryn Larson, Mary Lou Omstead.

Chris Sorensen called the meeting to order at 6:30 p.m.

**Old Business**

- A volunteer to act as Show Chairman is still needed.
- Kathy Larson volunteered to assist Bert Kaé-Je with financial duties through the April show.
- Chris Sorensen reported that Jerry Senn has agreed to build the locking cabinet for a permanent display at The Reach. The motion was made and approved authorizing Bert to send payment for ½ of the cost to Jerry.
- Chris shared a basic plier set that could be used during club sponsored classes. The motion was made and approved to purchase 2 more sets of 4 basic pliers, as well as bent nose pliers, round nose pliers and side cutters. The further motion was made and passed authorizing Chris Sorensen to purchase the tools.

**New Business**

- Mary Lou Omstead was approached at the fair by Brenda Pangborn regarding LSGM participating in local science fairs, possibly as a special award sponsor. Discussion on the Club’s historic sponsorship, and if there are entries in earth science/geology, to contact the Club.
- Discussion regarding upcoming programs and possibly forming sub groups within the Club to promote areas of special interest in the membership. Areas could include minerals, fossils, special projects, florescent rocks, handling and cleaning material, sphere making, etc.

The meeting adjourned at 7:45 p.m.

Respectfully Submitted, Sally Lyon, Secretary

## Thanksgiving Reflections

As I was sitting at my desk thinking about Thanksgiving and deciding what to cook for that special day, I realized that I have many Lakeside members to be thankful to for their involvement in our club activities.

Thank you to all the officers and Board members who keep our club moving forward.  
Thank you to the Committee Chairs that provide monthly support for club meetings.  
Thank you to the Editor of *The Geode* for keeping us informed  
Thank you to everyone that made our 2015 Gem & Mineral Show a success.  
Thank you to members who presented programs.  
Thank you to those who led field trips.  
Thank you to members who provided refreshments for our meetings.  
Thank you to everyone who helped at the Fair.  
Thank you to all who helped with activities at The Reach.  
Thank you to members that taught classes during the year.  
Thank you to the Omsteads for the use of their garage for club activities.  
Thank you to all who shared their treasures at the Bragging Table.  
Thank you to members who wrote articles for *The Geode*.  
Thank you to our webmaster for the new web design.  
Thank you to members who participated in our November Show & Tell.  
Thank you to the leaders of our Junior Club for their dedication.  
Thank you to all who purchased tickets for our raffles.  
Thank you to the September Picnic committee.  
Thank you to the Christmas Party committee.

Thank you to everyone else that helped throughout 2015 to make our Lakeside Gem & Mineral Club a success.

Best wishes for a wonderful Holiday Season,

*Evelyn*

### **Editor's note:**

And thank you, Evelyn for the heart and soul, and all the hard work you put into the club!

Evelyn reported that the Club will be purchasing new door prizes at Quartsite. She has "odds and ends" for the January meeting, but nothing for February.

**Anyone want to contribute?**



### **Lakeside Junior Rock Club Minutes for November, 2015**

The meeting started at 6:25. There were 15 kids and 14 adults.

Guests were Ely, Zack, and Clover Mersadie had a birthday this month.

**New Business:** Next meeting will be a Chinese gift exchange at our Christmas party.

**Mineral of the Month** Reports were given by Andrew, Marcus, Katie, and Olivia.

**Elections** – new officers. Olivia was elected as Secretary. President and Vice President will be elected next month.

The program was a silent rock auction.

Everyone got lots of nice rocks.

The meeting ended at 8:03

Respectfully submitted

Secretary, Mersadie

### **To the family of Marvin and Ruth Brooks-Butler.**

Our Junior Club students received your boxes full of various rock materials remaining after a 40+ year membership in the Kitsup County Rock and Gem Society.

Thank you for being so generous to the children.

Thora Trumbo

### **Gypsum and Amethyst**

**Gypsum** is a mineral used to make Plaster of Paris which is used to set broken bones.

**Amethyst** is a purple quartz. It often forms in a cool shape clusters of crystals. Found in North America.

**Marcus, Age 7**

### **Sand Roses**

Sand Roses are also known as Desert Roses. The rose crystal tends to occur when the crystals form in arid sandy conditions. Most range from pea sized to four inches in diameter. Rose Rocks are found in Tunizia, Saudi Arabia, Australia and the U.S. A lot of rose was formed over 250 million years. The Rose Rock was selected as the official rock of Oklahoma in 1968. I like this rock because of its weird shape and it's natural color. The end.

**Olivia, Age 10 (Rock club is awesome)**

### **Desert Rose**

Desert Rose is the name given to rosette formations of the minerals gypsum and barite with sand inclusions. Gypsum is a soft sulfate mineral composed of calcium sulfate dehydrate. It is used to make sheetrock. It is formed by wind and pressure and heat. The desert rose is found in arid sandy conditions. They are mostly from the Sahara Middle East Region, Southwest USA and Mexico. It is also the Oklahoma State Rock. Now you know about my mineral.

**Katie, Age 8**

### **Quartz and Muscovite**

**Quartz** is very common. It has a hardness of 7 on Mohs hardness scale. It has hexagonal crystals (6 sides). It is found in most types of rocks. It is the most abundant mineral on earth. It is used in glass, sandpaper, and electronics.

**Muscovite** is in the mica group. It has a hardness of 2 ½. It is soft but harder than a fingernail. It is flaky. It is used in paint, plastic, makeup, and rubber.

**Andrew, Age 6**

## 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.
- Cost at this time is \$14.00 per gallon. Price could change due to market value.
- Must be a LSGM club member in good standing to purchase saw oil. Member-ship forms are available at my shop if you need to join.
- Must have your own containers.
- If you call me and set a date and time to purchase saw oil be responsible and show up. To many people do not come on time and some do not even come at all.

**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

**Mickee Madden is holding a free Feather Tree workshop**  
at the Omsteads' on December 5<sup>th</sup> and 6<sup>th</sup>.

No drop-ins, please! If you didn't sign up but want to join the class, call Mickee at 509-438-5798 for instructions on what to purchase & what to prep prior to classes.

### **2015 Show & Tell Award Winners**

Special thanks to all the Club members who placed entries into six competitive categories at this year's "Show & Tell" event. Congratulations to these award recipients, selected by silent ballot of all members present. Plaques will be presented to these contest winners at the December Christmas party:

Collector of the Year – **Myrene Northey**

Cabochon of the Year – **Elmer Ringering**

Silverpicker of the Year – **Don Snyder**

Project of the Year - **Chris Sorensen**

Steal of the Year – **Betty Zupan**

Jeweler of the Year – **Sandra Bryant**

### **Elements at The Reach**

Lakeside was asked by The Reach to participate in a special November 7th event titled Earth. We were asked to have a display of rocks, fossils, gems and minerals from the earth. We had two tables filled with gemstones, fossils, petrified wood, cabochons, jewelry and geodes. Thank you to Lakeside members Cristina and Alex Romero, Ray Gifford, Marty Casto, Peter Kovich, and the Cataldos for providing the displays and manning the tables. Lots of kids and many adults enjoyed our display. It was a fun event.

## **Bags Galore**

On October 24th, Lakeside held a bagging party at the Omsteads. In four hours, 1200 grab bags were filled with polished rocks for use at the Gem & Mineral Show and at the Benton-Franklin Fair. Thanks to the following members for helping: Frank & Marylou Omstead, Larry Hulstrom, Sally Lyons, Pat Lambert, Cynthia Guettinger, Judi Allison and Evelyn Cataldo. Thanks also goes to everyone that tumbled that mountain of stones. That's the good news and now for the bad news - only about two-thirds of the rocks got bagged before arms wore out! So, we will need to have another bagging party soon.

**Maybe you can help?**

## **Thank You Marvin and Ruth Brooks-Butler**

Lakeside Gem and Mineral Club would like to thank the family of MARVIN AND RUTH BROOKS-BUTLER for the donation of items for our use in our raffle and silent auction and for use by the Junior Club.

Marvin and Ruth were members of the Kitsap County Rock & Gem Society for more than 40 years.

I am researching prices on tools that the club might have available for classes. Can you please look through this list and see if I have good coverage of tools for the different classes the club has offered? I have a priority list & a wish list.

### **Priority**

Bent nose pliers  
Chain nose pliers  
Flat nose pliers  
Needle nose pliers  
File  
Bead mat  
Round nose pliers  
Flush cutter  
Nylon pliers

### **???)would also be useful**

Bail forming pliers  
Ball peen hammer  
Block  
File  
Side cutters

Thanks, Chris

## ROCK SAW SAFETY by Max Hatfield

Some of us do not have new rock saws with factory safety instructions.  
Listed below some basic safety concerns.

Electric cord and plug in good shape	Blades cutting RPM matches material
Machine is properly grounded.	Blade RPM matches type of blade
Proper switch to turn saw on and off	Correct power feed rate
Provide good lighting	Do not open saw when running
Wear eye protection	Blade stops before opening lid
Provide a well-ventilated cutting area	Clean cutting oil and saw when needed
Wear rubber gloves	Rock is tight in the vice
Train new operators to use properly	<b>DO NOT BREATH OIL VAPORS ( ventilation)</b>
Arbor bearings in good shape	Do not leave saw during the cut
Arbor & blade parallel with vice travel	<b>Auto shut-off for power feed is working</b>
Blade is not bent or damaged	Unplug saw when not in use. (protect children)

### Slab Saw Cutting Oils

By Max Hatfield

There has been a lot of talk lately about what oil to use in slab saws and trim saws. The list below will help with the knowledge of all known PROPPER rock cutting oil, but I bet there may be more. The Geode mentioned that Superla white Number 7 be used. As far as I know the correct Chevron food grade rock oil for rock cutting is Superla White # 5. I got this information from John Richardson many years ago.

Pat and I purchased from Richardson's and used this oil in her small 12" Lortone slab saw. The only disadvantage to this oil may be the fact that it holds the cutting sediments in suspension for a couple of days before it all settles out. What does this mean? It means that the oil containing small rock particles will be carried back to the blade when cutting instead of settling to the bottom of the saw right away. Does this mean a lesser quality cut or that it does not lubricate as well. You decide.

Please see the next page for the information about what not to use in this article.

## Use the Following Slab Saw Cutting Oils

ROCK SAW CUTTING OIL	
1. Amber Light Mineral Oil -----	Shell Product
2. Almag -----	Shell Product
3. Avatec 80 -----	Unknown Producer
4. Bright-Cut -----	Chevron-Texaco product
5. Calube SIOS -----	Arco Product
6. Diala Ax -----	Shell Product
7. Hyvolt -----	Non Shell Distributors
8. Roc Cut (Synthetic water soluble cutting additive)	Diamond Pacific
9. Roc-Oil -----	Diamond Pacific
10.RPM Flushing Oil -----	Standard Oil Product
11.Superla #5 -----	Chevron Oil Product
12.Pella -----	Shell Product

### **Slab Saw Cutting Fluid Information.**

Everyone that uses a diamond slab saw will want to know the proper kind of cutting fluid to use. Listed below are some that **SHOULD NOT BE USED**.

**UNDER NO CIRCUMSTANCES SHOULD YOU USE ANY OF THE FLUIDS LISTED BELOW.**

<b>Automotive Antifreeze Coolant</b>	<b>Diesel, heating oil, Kerosene</b>
<b>Automotive Transmission Fluid</b>	<b>Baby Mineral Oil</b>
<b>Water</b>	<b>Cooking Oil</b>
<b>CNC Machining Fluid</b>	<b>Motor Oil</b>

Information researched and provided by: Max L. Hatfield

**Please remember Dues are DUE this month!**

**You may pay them three different ways!**

- Send a check to: Lakeside Gem and Mineral, P.O. Box 6652, Kennewick, WA. 99336
- Send a check to: Lakeside Gem & Mineral Attn: Membership, 1609 W 46<sup>th</sup> Ave., Kennewick, WA. 99337
- Or bring a check or cash to our Christmas Function on Dec. 13<sup>th</sup>

## 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)

<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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**LAKESIDE GEM & MINERAL CLUB, INC.**

**PO Box 6652**

**Kennewick, WA 99336-0603**



**SAVE THE DATE**  
**Lakeside Christmas Party**  
**Sunday, December 13<sup>th</sup>**  
**Starts at Noon**  
**Coldwell Banker Building**  
**8836 W. Gage Blvd**  
**Watch For Further Details**