



THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

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

Volume 82, Issue 3

March 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

Club Meetings in March

Club meets Thursday Mar. 5, 2015– 6:30 social, 7:00 p.m. meeting.

Seventh Day Adventist Church, 7305 W 10th Ave., Kennewick, WA

Refreshments: Kathy Larson, Marcia Monthey, Elaine Senn, Chris Sorensen, Dave Westlund. Coffee: Mary Lou Omstead. **Thank you!**

Program: Idaho Agates – Guest speaker: Bill Hamel

Programs Coordinator: Kathryn Larson.

Bragging table theme: Gems, minerals, fossils and rocks from Idaho

What is it? Members are invited to bring one rock or mineral per meeting for identification

NOTE!

The Club meeting will be Thursday, not Wednesday, due to an unavoidable room scheduling conflict.

Junior Club meets Mar. 10, 2015 -- 6:30 pm

Banner Bank, 203 W 1st Ave., Kennewick, WA; Junior Club Leader Thora Trumbo (509) 582-4297

Annual Show Committee meets Mar. 16, 2015 – 6:30 pm. All members welcome and invited.

Board meeting follows immediately. Seventh Day Adventist Church, 7305 W 10th Ave., Kennewick, WA

Happy St. Patrick's Day!



GEODE Submission Deadlines:

- 15th – member articles & photos
 - Day after Board mtg. - officer & committee contributions
- E-mail them to carol.devine2@frontier.com
or call (509) 967-0589 to make other arrangements

GEODE Reprint Permission:

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Member contact information updates:

Please notify Cindy Guettinger at clguettinger@att.net

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March 2015 Regional Events

6-7	Panorama Gem & Mineral Club Annual Show 8:30 am – 6 pm Friday, 9 am – 5 pm Saturday	Colville Fairgrounds Ag Bldg. 317 West Astor, Colville, WA	Bill Allen (509) 935-8779
7-8	Owyhee Gem & Mineral Society Annual Show 10 am – 6 pm Saturday, 10 am – 5 pm Sunday	O’Conner Field House 2200 Blaine, Caldwell, ID	Darell Ehlers (208) 674-1213
12	LGMC: flint knapping, self-paced workshop. 6 – 9:00 pm. No fee.	803 S. Edison St., Kennewick, WA Shaped flint slabs and tools provided	Frank Omstead (509) 783-2798
13-15	Tualatin Valley Rock & Gem Club Annual Show 9 am – 5 pm Fri. & Sat., 10 am – 5 pm Sunday	Hillsboro Fair Plex 873 NE 34 th Ave, Hillsboro, OR	Walt Butler Waltercbutler@comcast.net
14-15	Magic Valley Gem Club Annual Show 9 am – 5 pm Saturday, 10 am – 5 pm Sunday	Twin Falls County Fairgrounds Merchant Bldg. #1, 215 Fair Ave., Filer, ID	Shirley Metts (509) 783-2798
	NW Montana Rock Chucks Annual Show 10 am – 5 pm Saturday, 10 am – 4 pm Sunday	Flathead County Fairgrounds 265 N Meridian Rd, Kalispell, MT	Kathy Fager babcockk@montanasky.net
17,18	LGMC: cabochon, self-paced workshops. 5:30 – 9:30 pm. \$1/hr. equipment use fee.	803 S. Edison St. Kennewick, WA	Mary Lou Omstead (509) 783-2798
21-22	Hellgate Mineral Society Annual Show 9 am – 6 pm Saturday, 10 am – 5 pm Sunday	Hilton Garden Inn 3720 N Reserve St, Missoula, MT	Bob Riggs (406) 543-3667
26	LGMC: flint knapping, self-paced workshop. 6 – 9:00 pm. No fee.	803 S. Edison St., Kennewick, WA Shaped flint slabs and tools provided	Frank Omstead (509) 783-2798
27 - 29	Rock Rollers Club of Spokane, WA Annual Show 10 am – 6 pm Fri. & Sat., 10 am – 4 pm Sunday	Spokane Co. Fair & Expo Center N. 604 Havana at Broadway, Spokane, WA	David Rapp (509) 891-6533
28-29	Mt. Baker Rock & Gem Club Annual Show 10 am – 6 pm Saturday, 10 am – 5 pm Sunday	Bloedel Donovan Community Center 2214 Electric Ave, Bellingham, WA	Tracy Jackson tracyljackson@comcast.net
	Sweet Home Rock & Mineral Society Annual Show; 10 am – 6 pm Sat., 10 am – 5 pm Sun.	Sweet Home High School Gym 1641 Long St, Sweet Home, ID	Joe Cota (541) 451-2740

April 2015 Regional Events

9	LGMC: flint knapping, self-paced workshop. 6 – 9:00 pm. No fee.	803 S. Edison St., Kennewick, WA Shaped flint slabs and tools provided	Frank Omstead (509) 783-2798
10-12	NFMS Annual Meeting, Ogden, UT Golden Spike Gem & Mineral Soc. Annual Show 9am–6pm Fri, 10am–6 pm Sat, 10am–4pm Sun.	Golden Spike Event Center Weber County Fairgrounds 1000 N. 1200 W., Ogden, UT	Deborah Blake (385) 205-9187 NFMS info: Evan Day (801) 391-2912; eday@sisna.com
11-12	Yakima Rock & Mineral Club Annual Show 10 am – 6 pm Saturday, 10 am – 4 pm Sunday	Central WA State Fair Grounds, Modern Living Bldg., 1301 S Fair Av, Yakima, WA	Marti Sondgeroth (509) 248-6401
	South East Idaho Gem & Mineral Society Show 10 am – 6 pm Saturday, 10 am – 5 pm Sunday	Bannock Co. Fairgrounds 10588 Fairground Dr., Pocatello, ID	Larry Manhart (208) 406-3990
17-19	Willamette Agate & Mineral Society Show 9am–6pm Fri, 10am–6pm Sat, 10am–5pm Sun	Polk County Fairgrounds 520 S Pacific Hwy W, Rickreall, OR	Etheleen Flippo (503) 623-4241
18-19	Lakeside Gem & Mineral Club Annual Show 10 am – 5 pm Saturday, 10 am – 4 pm Sunday	Benton Co. Fairgrounds 1500 S. Oak St., Kennewick, WA	Mary Lou Omstead (509) 783-2798
18-19	Idaho Falls Gem & Mineral Society Annual Show 10 am – 6 pm Saturday, 10 am – 4 pm Sunday	Idaho Falls Recreation Center B Street, Idaho Falls, ID	Tom Strong (337-384-6820) Dave Gunderson (208) 523-2355
21,22	LGMC: cabochon, self-paced workshops. 5:30 – 9:30 pm. \$1/hr. equipment use fee.	803 S. Edison St. Kennewick, WA	Mary Lou Omstead (509) 783-2798
23	LGMC: flint knapping, self-paced workshop. 6 – 9:00 pm. No fee.	803 S. Edison St., Kennewick, WA Shaped flint slabs and tools provided	Frank Omstead (509) 783-2798
24-26	Mt. Hood Rock Club Annual Show 10 am–5 pm Fri and Sat, 10am – 4 pm Sunday	Kliever Memorial NG Armory 10000 NE 33 rd Dr., Portland, OR	mhrctshow@gmail.com
25-26	Grays Harbor Gem & Geology Society Show 10 am – 5 pm Saturday, 10 am – 4 pm Sunday	Grays Harbor County Fairgrounds 43 Elma-McCleary Rd, Elma, WA	Gary Emberley (360) 533-6196
	West Seattle Rock Club Annual Show 10 am – 5 pm Saturday and Sunday	Alki Masonic Temple 4736 40 th Ave. SW, Seattle, WA	Leroy Christensen (206) 582-2267

March and April Meeting Programs

Kathryn Larson, Programs Chair

In **March**, our new Club member Bill Hamel will give a talk about Idaho agates. He has some pictures to share and will bring some agates too. So plan to join us and learn about Idaho agates.

In **April**, we get medical advice from Scott Ferris for our rockhounding adventures. What should we carry with us, advice about heat exhaustion and if something happens do we need to seek medical advice.

March Bragging Table Invitation

Evelyn Cataldo, Club President

Calling all gems, minerals, fossils, and rocks from Idaho. Dig through your collection and see what you can bring in for display on the March Bragging Table. Idaho is famous for star garnets, Bruneau jasper, Willow Creek jasper, Graveyard Point plume, Spencer opal and much more. Think aquamarine, smoky quartz, petrified wood, Jackrabbit Springs thundereggs and???? See you at the Bragging Table.

19th Annual Show

Planning Committee Report

Kathryn Larson, 2015 Show Chairperson

- Members are invited to donate items for the very popular silent auction at the April show anytime, preferably before the Friday evening potluck.
- Signup sheets for members to contribute to the success of the annual show in various capacities will be available at the March 5th meeting. If you are unable to attend and can help, please call Kathy Larson at (509) 586-1203 or email her at misaique@hotmail.com.
- Earth month library displays publicizing the Club and its annual show are in planning for Kennewick, West Richland, and Prosser.
- The show planning committee next meets Monday, March 16th at 6:30 pm at the Church. All interested Club members are invited and welcome.

2015 - 19th Annual Show Lakeside Gem & Mineral Club "You Guys Rock!"



Saturday, April 18th – 10 am to 5 pm
Sunday, April 19th – 10 am to 4 pm

Benton County Fairgrounds
1500 South Oak Street, Kennewick, Washington

Features:

- 40+ collector's exhibits and demonstrations
- Fluorescent minerals display
- Gem, mineral, fossil, jewelry and tool dealers
- Tailgating – Sunday 7 am to noon
- Geode cracking, kid's corner, mystery rock bags
- Silent auction; many door prizes

Adult admission \$5 (for both days)
Children 14 and under FREE with paid adult admission

*Bring this flier to the show
for a dollar off the price of admission!*

Greetings Fellow Lakesiders,

What a wonderful time of the year! The sun is shining, the temperature is moderating, the buds are swelling, the grass is greening, the tulips are up and spring is about to explode. It puts a smile on my face.



URGENT NEED! We need a volunteer to become the Editor of *The Geode*. Our current Editor, Carol Devine, is resigning, effective June 30th, due to new family obligations. Carol, very graciously, has agreed to train a new Editor if we can find a volunteer quickly. You do not have to be a long-time member of the Club to become Editor. Carol was a new member when she volunteered. If you have an interest in becoming our Editor, please contact Carol or myself.

The Lakeside Annual Gem & Mineral Show is coming up rapidly – April 18th and 19th. Chairlady Kathy Larson tells me that we are in need of a few additional Team Leaders and requests our help. See either Kathy or myself if you can help in the following areas:

- **Camp Host** – This involves being available on Friday, at about 11 am, when weekend campers start arriving. Help the incoming RVs find a camping spot and receipt in their camping fees. It is helpful, but not essential, that the Host also camp at the Show for the weekend. The Club pays the Host's camping fees. No experience needed for this function.
- **Silent Auction** – This involves making certain that there is adequate help at the auction table and guiding the daily activity. Previous experience at the Silent Auction is valuable.
- **Tailgating** – This is a Sunday morning (7 am to noon) activity. The Team Leader is there to provide an orderly set-up of the tailgaters and to see that the Tailgating closes on time. No experience is necessary, full instructions provided.
- **Hospitality Room** – This person or persons need to be available to help keep the coffee pots full starting Friday morning through Sunday afternoon. Or, have some helpers willing to assist. No experience necessary.

And lastly, the response to the field trip survey was minimal. Out of all our club members, only eight people turned in survey sheets. Does this mean that members are not interested in field trips? I will have the survey sheets available again at the upcoming meeting and ask that you, if interested in field trips, fill out a survey sheet and drop it into the green and purple box.

Hope to see you this **Thursday** night at the meeting.

Evelyn

Hold the Dates!
Lakeside Gem and Mineral Club
Annual Gem and Mineral Show
April 18-19, 2015



THE GEODE JR GEMS

Lakeside Gem and Mineral Club Kid's Corner
Lakeside Gem & Mineral Club, Inc., PO Box 6652, Kennewick, WA 99336-0603

Minutes – Junior Club Meeting – Feb. 10, 2015

Meeting called to order by Makenna at 6:30 p.m.
There were 16 Juniors and 10 Adults in attendance.
Our guests for the night were: Kayla, Drew, Jonathan and Emma.
Our Junior Club Leader, Mrs. Trumbo, was unable to attend tonight. Grace filled in as our Leader for the night and did a very good job.

Old Business. None

Birthdays observed. None

New Business: We are still looking for Junior exhibits at our April 18-19 Gem and Mineral Show. Cases will be furnished for all that are interested.

Tonight's door prize winner: Dessi

Badges awarded: None

Show and tell: Chris, Kayla and Addy, with many wonderful picture and scenic agates.

Mineral of the month report was given by Kayla.

The program was presented by Chris Sorensen of the Adult Club on the 2012 "Celebration of Agates" with many guess what you can see in the cut slab.

Meeting adjourned at 7:15 P. M.

Next meeting: **Tuesday March 10th, 2015**, at Banner Bank in Kennewick at 6:30. Bring a friend.

Meeting program: Have you ever wondered what judges are looking for when critiquing a rock collection display? During the March Jr. club meeting, Grace will be sharing a presentation on the techniques of planning, constructing, and exhibiting your collection. Discover how to turn a good display into a great one all while learning the fun of creating your own for our annual show. Another part of the presentation will cover ways you can earn badges through activities at the show.

Respectfully submitted,
Mersadie



Mrs. Thora Trumbo, Junior Club Leader
(509) 582-4297

Gem Tree Classes – Feb. 7 and 8, 2015

Mickee Madden

Class participant Bert Kaé-Je shares these photos from Mickee Madden's classes on designing Gem Trees. Special thanks to Frank and Mary Lou Omstead for the use of their workshop, and to Don and Pat Snyder for donating assorted small tumbled stones. We hope to see your finished gem trees at the March meeting.



Gemstone Treatments (Part 1 of 4)

Jerry Johnson, Gemologist

Introduction

Many of the popular gems used in jewelry today have been subjected to some sort of treatment, usually to enhance color or improve clarity, which results in an increase in value. The vast majority of rubies and sapphires are routinely heat treated. Likewise, the majority of tanzanite in the market is the result of the heat treatment of brown zoisite. Many gems are irradiated to enhance their color. Electron bombardment is used to produce various colors in diamonds. Both gamma and neutron irradiation are used to treat topaz. Many other types of treatments are routinely used on other gemstones.

In this series of four articles, I will discuss the application of these treatments: heat, irradiation, impregnation, chemical treatments and coatings. The discussion is an overview, and as such, not all of the details of a given process will be covered.

Heat Treatment

Heat Treatment of Sapphires

Many people are familiar with the sapphires that come from Montana. I have dug for them on several occasions and this past year sent a batch to Montana for heat treating. Sites for digging are on the Missouri river near Helena and at Rock Creek (Phillipsburg). While these locations will yield stones that can be cut without using any treatments, the majority of the sapphires can be treated to improve clarity and color.

Pure sapphire (corundum; aluminum oxide) is colorless. All color in sapphire is the result of impurities. The blue color of sapphire, as it is found in nature, comes from an interaction between two impurities, iron and titanium. The titanium is usually present as rutile (titanium dioxide) and in many of the stones from the Missouri river sites the rutile appears as inclusions called "silk". The stones will have a greasy appearance and the color is usually a light blue or a green shade.

The heat treatment of sapphires requires high temperatures and a controlled atmosphere. Temperatures are usually in the range of 1600 to 1750 Celsius (Corundum melts at 2052 Celsius), but depending upon the desired result, temperatures may be in the range of 1300 to 1900 Celsius. A reducing atmosphere is required. This can be accomplished by using hydrogen, but it is hazardous and violent explosions can occur. So, a much less explosive mixture of hydrogen and nitrogen is used. Also, reducing conditions can be obtained by controlling the ratio of carbon monoxide to carbon dioxide. Treatments require sophisticated equipment and this represents a significant investment.

Blue is not the only color that is produced via heat treatment. Heating of near colorless stones to 1200 Celsius in an oxidizing atmosphere can yield nice yellow sapphires. Sometimes pink and pinkish orange are produced.

Color enhancement of rubies can also be accomplished with heat treatment. The brownish and purplish rubies from Thailand can be heated to a temperature below 1000 Celsius in an oxidizing atmosphere to yield stones that have improved red tones.

Heat Treatment of Other Stones

Tanzanite is heat treated zoisite. Zoisite is trichroic and as such exhibits three colors in three directions. Normally the colors are brown, blue and violet. The heat treatment removes the brown and the result is a more intense blue to purple color. The literature lists treatment temperatures from 370 to 500 Celsius. I have treated a number of zoisites and found that I got a better result at temperatures in the range of 540 to 570 Celsius. Heating and cooling of the stones must be done slowly. I put the rough stones in to a cavity cut into a fire brick and then slowly brought the temperature up to the desired value over a period of 2-3 hours. After holding for a couple of hours at temperature the furnace was turned off and was allowed to cool to room temperature before the fire brick was removed. I then faceted the stones to the desired shape. I have read that some people heat the stones after faceting. I consider this to be risky as there is always the possibility that some fine cracks may develop as a result of the treatment.

Pink topaz is produced by heating brownish-yellow and orange topaz at 550 Celsius.

Heating amethyst at 450 Celsius yields a dark citrine.

Reddish brown zircon can be changed to a blue color by heating at 1000 Celsius in a reducing atmosphere, while heating the same material in air at 900 Celsius will produce colorless zircon.

Greenish beryl can be heated at 450 Celsius to yield blue beryl (aquamarine).

Some dark green tourmalines can be heated (370 C) so as to lighten the color.

Carnelian agate has been made by heating yellow agate. Yellowish to brownish tiger's eye is heat treated to make a reddish hue.

Finally, amber can be hot pressed to yield larger pieces which are then carved into various forms.

Detection of heat-treated stones is possible in some cases. Heat treated sapphires may exhibit unusual color zoning and fractured inclusions. It is difficult to find evidence of treatment in tanzanites. In many cases sophisticated laboratory procedures are required to detect any treatment.

In the April Geode, the next article will cover irradiation treatments.

I obtained my skills via course work with the GIA to become a gemologist.

Jerry Johnson

Permission is given to reprint this article in other club newsletters provided no changes are made and credit is given to the original source.

Rock hunting in Texas for Petrified Palm, we stopped at Buchanan Lake to camp overnight. We were well settled in and had finished supper when a Sheriff's car pulled in. He walked over and said he was there to get his \$5. I showed him my book listing this as a free campground, and offered to move. He pulled his revolver, and said as the Sheriff of this county he could do anything he wanted. I gave him the \$5. He ordered me not to leave until morning. On the way back to his car, he fell down drunk 3 times. When he had gone 15 minutes, we were also going down the road – in the opposite direction.

Marvin Barger



ROCK SALE



Saturday, March 21st
7 am to 2 pm

Dom & Evelyn Cataldo's Home
 99509 E Brandon Drive
 Kennewick, WA
 (509) 628-0170

- Utah coprolite – big selection rough and cut
- Utah dinosaur bone – rough & slabs
- Cut slabs, miscellaneous materials
- Montana agate – rough and specimens
- Complete and polished wood rounds
- Rough limbs from western states
- Miscellaneous rock – no telling what you might find

Directions: From Columbia Center Blvd., go west on Clearwater to the round-about. Take second exit off round-about onto Badger Road. In approximately 1.5 miles, turn right onto Cottonwood Drive (watch for the yellow road sign). Cross the railroad tracks and bear to the left at the big Cottonwood Springs rock. Follow Cottonwood Springs Blvd. up the hill. On the right, immediately beyond the park, you will see a white rail fence. Go through the fence gate into our backyard. If you get to the corner of Brandon and Cottonwood Springs Blvd., you have just missed the gate. Call if you get lost.

Available Club Officer Positions

Assistant Junior Club Leader

The Junior Club meets the second Tuesday of each month, except July. The Club is generally designed for children between the ages of 8 to 16 years. Call Thora Trumbo at (509) 582-4297 to express your interest.

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.

Bulletin Editor in Training

This editing and formatting role requires very little actual writing. Use MS Word software. Mentoring offered. Call Carol Devine at (509) 967-0589 to learn more.



Resources for Club Members

- **Rock saw oil.** Max Hatfield - (509) 582-6028
- **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

Minutes – Club Meeting – February 4, 2015



Evelyn Cataldo

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

General Business

The January minutes published in the February Geode were approved.
 Guests and new members were introduced and welcomed.

Treasurer’s report was provided by Bert Kaé-Je. (Not published here per historic Board policy.)

Old Business

November Show and Tell Award plaques were presented to Jerry Johnson and Jim Murphy.

New Business

- Larry Hulstrom reminded members of the Federation show in April in Ogden, UT. Information on lodging and show specifics is available in the Northwest Newsletter.
- Bulletin Editor needed: Carol Devine is resigning the Editor position in June. A volunteer is needed through October.
- Members have volunteered to furnish refreshments at the March meeting.
- A field trip suggestion box was available for members to get their wish list in before the collecting season begins.
- The Junior Club will meet Tuesday, Feb. 10 at Banner Bank at 6:30 pm. A volunteer is needed to assist Mrs. Trumbo.
- Marty Casto gave updates on the status of collecting in the Lolo area, and information on closures and regulations concerning what material is and is not available for gathering.
- Hatrock Hounds Annual Show. Judi Allison says the Hermiston Club’s show will be Oct. 17-18 this year.
- The following workshops will be offered this month at Frank and Mary Lou Olmstead’s workshop:
 - ✓ Gem Trees. Feb. 7 and 8, 1-5:00 pm. Mickee Madden offers the free classes. See her for materials lists.
 - ✓ Flint Knapping. Feb. 12 and 16, 6-9 pm. No fee.
 - ✓ Cabbing. Feb. 17 and 18, 5:30 – 9:30 pm. \$1/hr. equipment use fee.
 - ✓ Chain Maille and jewelry making techniques. Chris Sorensen. Feb. 15 2-4pm Jewelry Clasp Making (\$5 fee). Feb. 21 1-4 pm Capte Verde (Bead Capture) Chain Maille (\$30 fee). Feb 28 1-4 pm Byzantine Chain (\$45 fee).

April Show Update

- Kathy Larson reported that details for the show are coming together nicely. The flier is ready and our food vendor has been confirmed. Coordinators are still needed for camping, silent auction and tailgating. The next show meeting will precede our February 16th Board meeting.
- Chris Sorensen reported that cases are available for members to showcase their talents, collections, adventures and passion for our shared hobby at the show, as well as a display at The Reach.

Old Business

- Scholarship feasibility: Chris Sorensen asked for member volunteers to join a committee to determine the feasibility of a scholarship program through the Club. Signup sheets are available.

Two door prizes and three mystery rock bags were awarded.

Program: You Can File a Mining Claim! Guest speaker Roy Kessell also talked with us about Owyhee Jasper.

Next Meeting: **Thurs. March 5, 2015**, 6:30 social, 7:00 pm **Program:** Agates of Idaho. Bill Hamel presenter.

The meeting adjourned at 9 pm.

Respectfully submitted,
 Sally Lyon, Secretary

LGMC Committees – March 2015					
To get acquainted, get involved. New talent always welcome!					
Field Trips Coordinators	Ammon Bruce	551-6526	Memberships	Cindy Guettinger	582-3919
	Heather Moon	586-1978	Website Manager	Sean Hall	788-5130 Prosser
Meeting Programs	Kathryn Larson	586-1203	Librarian	Jean Smith	586-8409
Junior Club Leader	Thora Trumbo	582-4297	Historian	Mary Lou Omstead	961-5189
Asst. Junior. Club Leader			Door Prizes/Speaker Gifts	Pat Lambert	582-6028
2015 Show Chairperson	Kathryn Larson	586-1203	Sunshine	Pat Harmon	586-9621
Rockhound Legis. Advocate			Refreshments	Mickee Madden	371-9584
Assistant Bulletin Editor	Mark Kidder	(206) 478-3685			

Minutes – Board meeting – February 16, 2015

Present: (Board Members) Evelyn Cataldo, Chris Sorensen, Larry Hulstrom, Marty Casto, Bert Kaé-Je, Wayne Larson, Yvonne Legare, Sally Lyon and Carol Devine. (Quorum present.)
 (Members) Judi Allison, Mary Lou Omstead, Patricia Richardson, Kathryn Larson, Jerry Sorensen, Cindy Guettinger and Rosann Ferris.



Chris Sorensen

Club Vice-President, Chris Sorensen, called the meeting to order at 7:45 p.m. immediately following the Show Planning Committee meeting conducted by Kathryn Larson.

Old Business

- Treasurers Report –Bert Kaé-Je. Bert reported that the state registrations are complete, and new oil has been ordered. She asks for a determination on accounting software.
- **Motion approved:** accept the Treasurers Report as written. (Not published per historic Club policy.)
- Past Board meeting minutes published in the February Geode were approved as written.
- Scholarships – A date and time need to be set for the scholarship committee meeting.
- Raffle – Kathy Larson contacted an accountant as to ramifications of the Club holding a raffle at the April show. As long as the raffle is related to the Club mission statement, and we are non-profit, any fund raising activities are fine.
- Field Trips – The suggestion box will be available again at the March meeting to gather more member input.

New Business

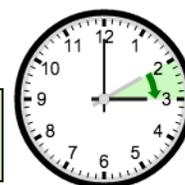
- Larry Hulstrom received a call from a teacher at Badger Mountain Elementary regarding their Science Night program on April 24 from 6-8:00 pm. They are seeking a club member interested in helping engage students in science. Chris Sorensen volunteered.
- **Motion approved:** Larry Hulstrom is authorized to complete and submit the fair contract.
- New member packets – Carol Devine reported that we are running low on these, and some items provided need to be updated. The Board clarified distribution policies (in person at a meeting). Chris Sorensen asks to receive an electronic copy of the packet with printing masters.
- Memberships – Bert Kaé-Je requested current membership numbers and an e-mail list.

Next Meetings:

- Club meeting: **Thursday March 5**, 7:00 p.m. (social at 6:30). Program – Idaho Agates (Bill Hamel). Bragging table: Gems, minerals, fossils and rocks from Idaho.
- Board meeting: Monday March 16, 2015, immediately following the Show Planning Committee Meeting which begins 6:30 pm.

The meeting adjourned at 8:20 p.m.
 Respectfully submitted,
 Sally Lyon, Secretary

Daylight Savings Time begins Sunday, March 8th.



LGMC Board of Directors – March 2015			
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 (appointed)	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	Carol Devine – 967-0589
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			

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Volume 82, Issue 3

March 2015



LAKESIDE GEM & MINERAL CLUB, INC.

PO Box 6652

Kennewick, WA 99336-0603



Club Meets: **Thursday** Mar. 5th, 6:30 social, 7:00 pm program

- **Program:** Agates of Idaho – Guest speaker: Bill Hamel
- **Bragging table theme:** Gems, minerals, fossils and rocks from Idaho

Features This Issue:

- Regional events – March to April
- Gemstone Treatments (Part 1) – Jerry Johnson, Gemologist
- April 18-19th Annual Show planning updates



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