



THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

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

Volume 82, Issue 4

April 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 April

Club meets Wednesday Apr. 1, 2015– 6:30 social, 7:00 p.m. meeting.

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

Refreshments: Caroline Bowdish, Martin Casto, and Patricia Richardson.

Coffee: Mary Lou Omstead. Refreshments coordinator: Mickee Madden.

Thank you!

Program: What was that critter that climbed on my leg (and should I be concerned?) – Guest speaker: Dr. Scott Ferris

Programs Coordinator: Kathryn Larson.

Bragging table theme: Jaspers from Oregon

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



Junior Club meets Apr. 7, 2015 -- 6:30 pm; **Program: Mineral Identification Techniques**

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

Annual Show Committee meets Apr. 13, 2015 – 6:30 pm. All members welcome and invited. Seventh Day Adventist Church (address above.)

Board meeting – no Board meeting in April.

19th Annual Show
Lakeside Gem and Mineral Club
April 18 - 19, 2015
Benton County Fairgrounds

GEODE Submission Deadlines:

- 15th – member articles & photos
 - Day after Board mtg. - officer & committee contributions
- E-mail them to carol.devine2@frontier.com

GEODE Reprint Permission:

Permission to reprint is granted, provided appropriate credit is given to the source.

Member contact information updates:

Please notify Cindy Guettinger at clguettinger@att.net

In this Issue

2	Coming events (April). Field trips in planning.
3	April meeting program & bragging table Club officer recognition and contact information
4	Messages from Evelyn Cataldo, Club President and Chris Sorensen, Club Vice-President
5	Junior Club Minutes – Mar. 10 th Club meeting
6	Photos: March Club meeting with Bill Hamel
7-8	Gemstone Treatments (Pt. 2) – Jerry Johnson
9	Club outing: Tri-City Dust Devils game Club leadership positions available
10	Minutes – Mar. 5 th Club meeting
11	Minutes – Mar. 16 th Board meeting

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 (801) 391-2912; eday@sisna.com	Deborah Blake (385) 205-9187 NFMS info: Evan Day
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
11-12	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	mhrshow@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
25-26	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

May 2015 Regional Events

2-3	Umpqua Gem & Mineral Club Annual Show 9 am – 5 pm Saturday, 10 am – 4 pm Sunday	Douglas County Fairgrounds I-5 Exit 123, Roseburg, OR	Sue Woodman (541) 391-3347
2-3	Everett Rock & Gem Club Annual Show 10 am – 6 pm Saturday, 10 am – 5 pm Sunday	Everett Comm. College Student Fitness Ctr. 2206 Tower St., Everett, WA	Fritz Mack (425) 232-0809
2-3	Billings Gem & Mineral Show 10 am – 5 pm Saturday, 10 am – 4 pm Sunday	Al Bedoo Shrine Auditorium 1125 Broadwater Ave., Billings, MT	Doug True (406) 670-0506

2015 Field Trips Update

May 9	China Hollow	Jasper	LGMC – Kerry Norton (509) 391-0057
May 23	Saddle Mountain (WSMC)	Petrified wood, etc.	Details: website mineralcouncil.org
June 5-7	Hollywood Ranch	Petrified wood	LGMC – Dom Cataldo
June 15	Emerald Creek, ID (WSMC)	Garnet, etc.	Details: website mineralcouncil.org
June 21-24	McDermitt, NV (WSMC)		Details: website mineralcouncil.org
July 18	Cataldo collection and shop		LGMC – Dom & Evelyn Cataldo
August	Little Naches	Thunder eggs, etc.	LGMC – Heather Moon, Ray Gifford, Sean Hall
Sept. 12-13	Red Top Mountain (POW-WOW)		Details: website mineralcouncil.org

Several LGMC members have expressed an interest in a club trip to the Bruneau Woodpile in Idaho. However, we need someone to volunteer to lead/coordinate the trip. Any volunteers? See Evelyn Cataldo.

There will be information and discussion at the April meeting about a possible field trip to Clarkia, Idaho for garnets.

April Meeting Program

Kathryn Larson, Programs Chair

In April, Dr. Scott Ferris will present a program addressing medical issues for rockhounds in the field. He will tell us what handy items to include in medical kits and some of the latest gadgets that can make our field trips safer and easier. Symptoms of heat exhaustion and urgent response needed. When do we need to seek medical advice?

April Bragging Table Invitation

Evelyn Cataldo, Club President

Oregon is a treasure trove of wonderful jaspers. Picture jasper is a type of jasper that has great bands of different colors. It is typically found in the mountains of Eastern Oregon. This month, let's fill the Bragging Table with examples of Oregon jasper. Some examples of Oregon jaspers are Biggs, Owyhee Gem, Cripple Creek, Morrisonite, Deschutes, Rocky Butte, Wildhorse, and Blue Mountain. See you at the Bragging Table.

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!*

LGMC Committees – April 2015

Field Trips Coordinators		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
Assistant Bulletin Editor	Mark Kidder	(206) 478-3685	Refreshments	Mickee Madden 371-9584

LGMC Board of Directors – April 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 (<i>appointed</i>)	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



The countdown is on for the start of the annual Lakeside Gem & Mineral Show April 18th and 19th. Lots of preparation work has been done and now we need you to tell us where and when you can help make the show a great success. There will be sign-up sheets at the meeting for the various activities. Take a look at the following list and let us know where you can help. Either sign up at the meeting or give Kathy a call at 586-1203 or myself at 628-0170.

- Load items from storage units on Thursday, April 16th – 4 pm
- Set-up in Building 1 at 9 am on Friday, April 17th
- Ticket Sales on Saturday, April 18th & Sunday, April 19th
- Geode Cracking on Saturday, April 18th & Sunday, April 19th
- Silent Auction Table on Saturday, April 18th & Sunday, April 19th
- Take-down Building 1 on Sunday, April 19th – 4 pm

We will need 4 or 5 pickup trucks on Thursday and again on Sunday to help move items to and from the storage units.

We also need you to put a display of your favorite gems, fossils, minerals or rocks into the show for the enjoyment of all. A signup sheet will be at the meeting or give Chris a call at 392-1362. We have 48 display cases to fill.

We need donations of rock for the Silent Auction. You can either make the rock a 100% donation to the club or split on a 70/30 basis (i.e. 70% of the proceeds to you and 30% to the club).

Please help advertise the show by picking up several road signs and fliers, which Larry Hulstrom will have available at the Club meeting.

Hope to see you on April 1st at the meeting.



Evelyn Cataldo

Evelyn

Reach Display

Chris Sorensen, Club Vice-President

Our club is putting in four cases of items for an Earth month display April 4 through May 3, 2015 at the Reach. We want to show Club members' creations and showcase Club interests. We will have flyers about our April show present, too.

We will be contacting Club members who displayed their work at the Fair last year. If you would like to showcase something you made, please contact Chris Sorensen (392-1362). Please bring your items to our **April 1st** meeting so they can be placed in the case when we set up. Items will be returned at the May meeting, or we can make separate arrangements if needed. Thank you!



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 – Mar. 10, 2015

Meeting called to order by Makenna at 6:30 p.m.

Senior Club member **Grace Trumbo** gave a presentation to Junior Club members and guests. Grace demonstrated how to set up a display case for the upcoming show. Lots of thought and early preparation is necessary. Grace engaged her fellow students with thought provoking questions of how they could begin setting up their own collections at home on a bath towel, even this week! She discussed label making for specimens to include proper spelling of the sample name and the location where found (if known). Borrowing a sample to complete a display is okay, as is working with others and asking others to evaluate the display in order to improve it. Grace demonstrated good placement, as students were encouraged to think through why one way to stage sample specimens was not as prudent as another. She purposely misplaced items and forced students to recall the points discussed earlier. Prior to the evening activities, only two students wanted to do a display at the Annual Show. Now five students are excited to start their displays at home in preparation for the show.



Grace then shared the badge program, the newest badges students can now earn, and pointed out how many of them had probably already earned badges. Students only need to fill out the form and return it to Mrs. Trumbo to order the badges for them. Handouts from the American Federation Badge Program (see website amfed.org) were distributed. Grace proudly displayed her badge sash of 16 earned badges out of 20 badges available. Grace leaves for college this summer, and plans to become a professional scientist. Her many contributions to the Junior Club since she joined a decade ago are deeply appreciated. Thank you, Grace!

Club activities included Christmas Spiders and pet rocks with googly-eyes. These are offered for sale at the Rock Show to help raise funds. We also talked about new plastic dinosaurs purchased to do a "dinosaur dig" at the show as a new activity for the public. Our good friend **Marvin Barger** was in the hospital, so his daughter Diana graciously attended in his stead. We wish Marvin good health. A member of the adult club who is considering being a co-leader of the Junior Club was also very helpful. **Makenna's** birthday was celebrated. One guest was welcomed. Joy provided show and tell. Attendance: approximately 14 students and 6 adults.

Meeting adjourned at 7:15 P. M. For Mersadie, Club Secretary, Mrs. Thora Trumbo, Junior Club Leader.

Next meeting: **Tuesday April 7, 2015**, at Banner Bank in Kennewick at 6:30. Bring a friend.

March Meeting Recap

Kathryn Larson

Special thanks to Club Member Bill Hamel for his engaging program on Idaho Agates. Everyone present had a great time! These photos taken by Bert Kaé-Je will help preserve our happy memories of this evening shared with friends.



Gemstone Treatments - Irradiation

Jerry Johnson, Gemologist

In the previous article I gave an overview of heat treated gemstones. This article will cover irradiation treatments.

Irradiation Treatments

Diamonds

Diamonds have been irradiated in several ways: (1) proton and deuteron bombardment with a cyclotron, (2) gamma ray irradiation using cobalt-60 sources, (3) neutron irradiation using a nuclear reactor, and (4) electron bombardment with a Van de Graff generator.

Diamonds, as irradiated, are some shade of green, black or blue. Subsequent heat treatment modifies the colors to shades of yellow, orange, brown and pink. The most commonly used treatment is the electron bombardment. Such treatments are difficult to detect.

Recently a new process has been developed to treat diamonds. It has been designated as HPHT for high pressure/high temperature. One of the most valuable diamond colors is red. Natural red stones have been sold for as much as \$895,000 per carat. The HPHT process to yield red stones consists of heating at least to 2150 Celsius at pressures of 6 to 7 GPa. After this treatment the stones are irradiated with high energy electrons and then they are annealed in a vacuum at temperatures no lower than 1100 Celsius. Light blue and pink diamonds have also been produced with a HPHT process. Identification of HPHT treated diamonds is still an ongoing situation. Sophisticated techniques, such as Raman Spectroscopy, are required in addition to evaluation of inclusions.

Topaz

The vast majority of blue topaz in today's market has been produced by irradiation. In some cases a subsequent heat treatment is used. Almost all topaz turns a brown color upon being irradiated. Gamma irradiation using a Cs-137 or Co-60 source will produce an orange brown or brownish green. Heat treatment, at fairly low temperatures (230-270 C) of such stones yields a blue color. If this material were heated to 450 Celsius it would lose its color. Gamma irradiation leaves no residual radioactivity. The jewelry trade calls this material "**sky blue**".

The deep blue color, termed "**London Blue**", occurs as a result of neutron irradiation followed by heat treatment. Impurity elements in topaz (tantalum, scandium and manganese) will become activated and it may take anywhere from several months to several years for the radioactivity to be at an acceptable level.

The color of "**Swiss Blue**" is produced by first using neutrons. Then after the radioactivity has decayed to a proper level, the material is bombarded with electrons using an rf linac and then heat treated.

In 1990, the Nuclear Regulatory Commission (NRC) issued Information Notice No. 90-62: "Requirements for Import and Distribution of Neutron-Irradiated Gems". A special NRC license is required for distribution of

such stones to unlicensed persons, such as gem dealers, wholesalers and consumers. There is a lot of blue topaz on the market and, in general, the distribution is only a self-regulation process.

Quartz

Gamma radiation is used to produce **smoky quartz** from colorless quartz. Many of the colorless quartz crystal clusters have been treated in this manner.

Some **Brazilian quartz** has been gamma irradiated to produce a greenish-yellow and in some cases a light green (trade name "prasiolite").

Gamma radiation of **amethyst** may produce yellow, green or brown stones.

Other Gemstones

Gamma irradiation of **spodumene** produces a green color, but it is not stable and will fade with time.

Pale colors of **tourmaline** subjected to gamma rays have yielded pink and red stones.

Gamma treatments of **corundum**: colorless goes to yellow; pink goes to orange and blue changes to a green.

Beryl can be gamma irradiated to produce blue tones. In some cases a very deep blue is produced; this type has been named "Maxixe blue". This type will fade on exposure to light or to gentle heating. Pink beryl (morganite) can have its color intensified by gamma rays.

Pearls are darkened by gamma rays and the trade has called them black pearls, but the color is actually a dark gray or bluish gray.

In the May Geode, the third of four articles in this series will cover impregnation 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.



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

Lakeside Gem and Mineral Club Outing

2015 Tri-City Dust Devils Game

Heather Moon

Last year a group of our club members participated in a group outing to a Tri-City Dust Devils Game, paid by the club. There was some opposition since it wasn't considered a rock related activity. The thing is, it was. Last year we purchased a block of 20 tickets and the club received advertising several times during the game. They did an excellent job. So, we didn't just pay for tickets, we paid for advertising for the club. We just got the added benefit of enjoying the game as a group. We are being offered that opportunity again for those who are interested.

There are several options available. The cost is as little as \$7 per person. We just need to pick a date and I will contact them to set it up. For all those interested in going as a group, please contact me via phone at 509-845-2687, e-mail: h_moon39@hotmail.com (subject Dust Devils Game), or Facebook in the Lakeside Group page or personally, or at the April meeting. I will have fliers available at the next club meeting.



2015 TRI-CITY DUST DEVILS

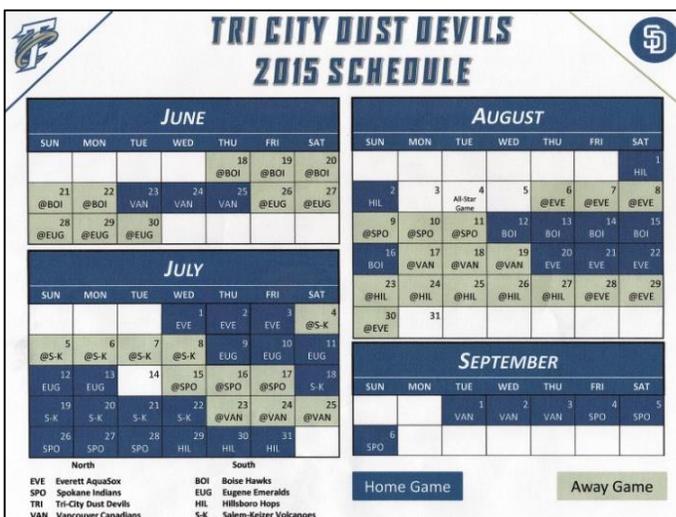
Group Event Pricing

Group Outings	
Upper Box	\$8
General Admission	\$7

Dusty's Deck*	
Upper Box	\$21
Kids 4-12	\$15
General Admission	\$20
Kids 4-12	\$14

Ask us about our company picnics that accommodates your 200+ person group!

*Includes All-You-Can-Eat BBQ 1hr. prior to game.



TRI-CITY DUST DEVILS 2015 SCHEDULE

JUNE						
SUN	MON	TUE	WED	THU	FRI	SAT
				18 @BOI	19 @BOI	20 @BOI
21 @BOI	22 @BOI	23 VAN	24 VAN	25 VAN	26 @EUG	27 @EUG
28 @EUG	29 @EUG	30 @EUG				

JULY						
SUN	MON	TUE	WED	THU	FRI	SAT
				EVE 1	EVE 2	EVE 3
5 @S-K	6 @S-K	7 @S-K	8 @S-K	9 EUG	10 EUG	11 EUG
12 EUG	13 EUG	14 @SPO	15 @SPO	16 @SPO	17 S-K	18 S-K
19 S-K	20 S-K	21 S-K	22 @VAN	23 @VAN	24 @VAN	25 @VAN
26 SPO	27 SPO	28 HIL	29 HIL	30 HIL	31 HIL	

AUGUST						
SUN	MON	TUE	WED	THU	FRI	SAT
						1 HIL
2 HIL	3 All-Star Game	4 All-Star Game	5 @EVE	6 @EVE	7 @EVE	8 @EVE
9 @SPO	10 @SPO	11 @SPO	12 BOI	13 BOI	14 BOI	15 BOI
16 BOI	17 @VAN	18 @VAN	19 @VAN	20 EVE	21 EVE	22 EVE
23 @HIL	24 @HIL	25 @HIL	26 @HIL	27 @HIL	28 @EVE	29 @EVE
30 @EVE	31					

SEPTEMBER						
SUN	MON	TUE	WED	THU	FRI	SAT
		1 VAN	2 VAN	3 VAN	4 SPO	5 SPO
6 SPO						

North: EVE Everett AquaSox, SPO Spokane Indians, TRI Tri-City Dust Devils, VAN Vancouver Canadians

South: BOI Boise Hawks, EUG Eugene Emeralds, HIL Hillsboro Hops, S-K Salem-Keizer Volcanoes

Home Game: Blue box, Away Game: Green box

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

This editing and formatting role requires very little actual writing, and uses MS Word software. Carol Devine resigned from the role in January effective not later than June due to the increased care required by her elderly mother in their home. Added stress of her only child's sudden death in February has compromised Carol's health. Please see Evelyn Cataldo to offer to serve as Bulletin Editor. Mentoring is offered if the position is filled in April.

Minutes – Club Meeting – March 5, 2015

Club President, Evelyn Cataldo, opened the meeting at 7:00 p.m. She thanked Mary Lou Olmstead, Kathy Larson and Carol Devine for help in alerting everyone to the change from Wednesday to Thursday for this meeting.

Treasurer's Report

- Provided by Bert Kaé-Je (not published per historic Board policy). There were no new bills.

General Business

- The February minutes published in the March Geode were approved as written.
- Guests and new members were welcomed.
- Vice President, Chris Sorensen, distributed survey forms asking the membership to rank, by importance, ways the Club might allocate funds. Categories included scholarships, individual member resources, bus outings, special field trips, etc.
- Federation News: Larry Hulstrom reported that the Northwest Federation Newsletter has all the details on the Ogden, UT show, April 10-12.
- Geode: Carol Devine is resigning as Bulletin Editor and a replacement is badly. Mark Kidder has the newsletter available in case anyone missed getting their copy.
- The field trip suggestion box was once again available for members to relay their thoughts/wish lists on field collecting this year.
- Members reported their experiences at various rock and gem shows in February, with everyone that attended Quartzite in Arizona saying that it's just too much to see.
- The website is now up to date and Sean Hall is working on the new design.
- Heather Moon asked for a show of interest in a group outing to a Dust Devils game in June or July. Specific dates and information will be available at upcoming LGMC meetings.

Show Report

- Kathy Larson reported on April show preparations. Volunteers: Dave Westland silent auction, Evelyn Cataldo hospitality area (as long as someone else makes coffee), and Linda Spinner tailgating. Signup sheets were available for members to volunteer for specific times and tasks. Available openings: camping coordination, geode cracking, silent auction, and ticket sales.
- Bob Gossett will be providing cases displaying his knapping, and will conduct demonstrations as well.
- Men from the Union Gospel Mission will help load and unload cases during setup and teardown. We still need pickup trucks to move the cases from storage to the fairgrounds.
- Advertising: Members are asked to take fliers to hand out to friends, neighbors and coworkers. Yard signs are also available for everyone to display.

Bragging Table: Featured Idaho rocks were Willow Creek jasper cabs (Larry Hulstrom), huge garnets from Idaho (Wayne Larson), beautiful opals from Cinnabar Mine and the Murray prospecting area north of Wallace (Pat Snyder). Evelyn talked about collecting at the Bruneau wood pile.

Door Prizes: Guests Christina and Sophia Romero, and members Jim Williamson and Marc Spinner received great door prizes and mystery rock bags.

Program: Idaho Agates by Bill Hamel.

Next Meeting: Wednesday, April 1, 2015, 6:30 social, 7:00 p.m. Program: Dr. Scott Ferris will talk about medical issues for rockhounds in the field.

The meeting adjourned at 9 pm.

Respectfully Submitted,

Sally Lyon, Secretary

Minutes – Board meeting – March 16, 2015

Present: (Board Members) Evelyn Cataldo, Chris Sorensen, Larry Hulstrom, Marty Casto, Bert Kae-Jé, Yvonne Legare, Wayne Larson, Sally Lyon. (Quorum present).
(Members) Mary Lou Omstead, Pat Lambert, Kathryn Larson, Cindy Guettinger, and Peter Kovich.



Chris Sorensen

Chris Sorensen called the meeting to order at 7:50 p.m.

Old Business

- Treasurer's report – Bert Kae-Jé. (Not published per historic Club policy).
- Consideration will be given as to LSGM members' interest in participating in another Dust Devil game day.

New Business

- Show Update: Kathy Larson recapped the many show preparations that have been completed, and areas that are being finalized. There are still volunteer work openings on both Saturday and Sunday. Signup sheets will be available at the next Club meeting.
- Larry Hulstrom received a call from a garnet mine owner in northern Idaho, outlining the specifics of a possible field trip to his mine. Details and specifics will be discussed at the next general meeting, and signup sheets will be available.
- Evelyn reported that there have been responses to the field trip suggestion box. The Board discussed dates and locations that members expressed an interest in visiting. A tentative itinerary will be provided at the next Club meeting, and published in the Geode along with other trips offered by the Federation.
- Motion passed – Marty Casto is authorized to investigate a frame and tarp system to be used for the fluorescent display at future shows.
- The purchase of a second mike and speaker system to be used at Club meetings was discussed, in order to help speakers and members be heard. Board members will investigate the best options for this new system, as well as existing equipment the Club owns.
- The importance of alerting Club membership to critical land use decisions which are being made throughout the country was discussed. Ways to engage and get people involved in these issues before we lose our public lands is a primary concern.

Next Meeting

- Club meeting – April 1, 2015, 7:00 p.m. (social at 6:30). Program – Dr. Scott Ferris, Medical Issues in the Field.
- Show Planning Meeting – April 14, 2015 at 6:30 p.m. (tentative date and time per arrangements for meeting space at the church).
- Board Meeting – No Board meeting in April.

The meeting adjourned at 8:40 p.m.

Respectfully submitted, Sally Lyon, Secretary

Survey re use of Club raffle funds. 57 respondents at March 3rd meeting. Highest ranked items were:

1. Provide funds for a special program speaker with inclusion of travel expense
2. Provide/refresh mineral and/or fossil kits to each school district
3. Create special activities, such as purchasing rocks for members to search through
4. Bus travel to a museum, such as Rice or Burke, with lottery for selection of those that would go
5. Used by the winner for a rock class or activity they would report on to the Club
6. Scholarship/gift for a grad student in geology.

The committee will implement top ranked items 1 and 2. Thank you for your additional recommendations, which have also been shared with our Program Chair, Kathryn Larson. Chris Sorensen, Club Vice-President

THE GEODE

Volume 82, Issue 4

April 2015



LAKESIDE GEM & MINERAL CLUB, INC.
PO Box 6652
Kennewick, WA 99336-0603



Club Meets: Wed., Apr. 1st, 6:30 social, 7:00 pm program

- **Program:** What was that critter that climbed on my leg (and should I be concerned?) – Guest speaker: Dr. Scott Ferris
- **Bragging table theme:** Gems, minerals, fossils and rocks from Idaho

Features This Issue:

- Regional events (April); field trips this summer
- Gemstone Treatments – Irradiation. 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