



THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

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

Volume 95 Issue 5

May 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

May Meetings

Club: Wednesday May 4th– 6:30 social, 7:00 p.m. meeting.

Board Meeting: May 16 6:30

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

Junior Club meets May 10 6:30 pm; Banner Bank,
203 W 1st Ave., Kennewick

Junior Club Leader Thora Trumbo (509) 582-4297

GEODE Submission Deadlines:

- 19th – 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

IN THIS ISSUE:

- 2) Club Minutes
- 3) Board Minutes / Stamps
- 4) Junior Page
- 5) LGM Field Trip / AFMS Show
- 6) Arucarioxylon Arizonicum
- 7) May Birthstone
- 8) LGM Club Outing
- 9) Classifieds / Mark Your Calendar
- 10) Happy 20th Anniversary LGMC
- 11) Board of Directors
- 12) Fossil Group

May Program Project Night

We want to see what our talented members are working on. Bring in your projects for show and tell in a round table setting.

The Geode

Mickee Madden would love to have articles for publication in The Geode. If you have an article, please email it to her in plain text or Word document format.

Bragging Table

In honor of May's birthstone the emerald, bring in your favorite green gem or mineral of any kind.

Regarding the Club Meeting Silent Auction

There is a limit of five items per family during the silent auction sale at our Club meetings. All proceeds from club-provided sales go to the church rental fund.

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

Minutes – Club Meeting – April 6, 2016

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

General Business

- Guests TJ Buckley, Lee Snow and Jim Castle were welcomed.
- The minutes of the previous meetings stand approved as written.
- Treasurer's Report: Provided by Bert Kaé-Je (not published per historic Board policy).
- Federation News: Larry Hulstrom shared that the current NF Newsletter has loads of information on the Albany, OR combined Northwest and American Federation Show at the Linn County Expo Center. This promises to be a great event.
- Refreshments: As the church will be starting their kitchen remodel project soon, refreshments may be put on hold for upcoming meetings.

Old Business

- Reach Display: Chris Sorensen reported that the lights have arrived & will be installed in the completed case. She & Jerry will keep us updated on installation at The Reach.
- Sub groups have been started in fossils, chainmaille, selling your creations, and soon to come, silversmithing.

New Business

- Larry Hulstrom was contacted by Clinton Slovert, a local rockhound, who will be leaving the area and has various pieces of equipment and material for sale. Contact Larry for more information.
- There will be a field trip to the Bruneau Woodpile on May 21 and 22. Look for more information in The Geode.
- Heather Moon has been contacted by the Dust Devils, asking whether LSGM would like to arrange another baseball game night this year. She will have more info at the May general meeting.

Announcements

- Tickets are still on sale for the Spring Raffle. 6 tickets for \$5.00 or \$1.00 each and drawings will be held at the May general meeting.

Door Prizes:

- 7 lucky people won door prizes including Fairy Stones donated by Tom and Eileen Moon from their Quartsite trip this winter, a Tiger Iron specimen, polished Montana Agates, rockhound playing cards and 3 mystery rocks. Congratulations to all the winners!

Bragging Table: Mickee Madden brought in wonderful specimens of Purple Jade from Turkey, Blue Spider Web Obsidian, Kaleidoscope Agate, Nialite and a black and green swirl Obsidian.

Program – Five Minute Rock Show: Many thanks to Jerry and Chris Sorensen, Tom & Eileen Moon, Wayne & Kathy Larson and Steve & Darla Shoemaker for letting us in on their experiences at rock shows from Moose Lake, Minnesota to Quartsite and Tucson, AZ. We learned about how an agate stampede works, amethyst cathedrals as big as a bathtub, fantastic rock club activities offered in Quartsite, and new finds in Polychrome Jasper, Parrot Wing and Moroccan Agate.

Next Meeting: General Meeting – May 4, 2016, 6:30 pm. Board Meeting – May 16, 2016, 6:30 pm.

The meeting adjourned at 9:10 p.m.

Respectfully Submitted, Sally Lyon, Secretary

Minutes – Board Meeting – April 11, 2016

Present: (Board Members) Evelyn Cataldo, Chris Sorensen, Larry Hulstrom, Marty Casto, Mickee Madden, Wayne Larson, Yvonne Legare, and Sally Lyon.
(Members) Kathy Larson.

Chris Sorensen called the meeting to order at 7:55 p.m.

Old Business

- Preparations are being made to form a Nominations Committee for this years' elections. Further discussion at the next Board meeting.
- Discussion on raffle proceeds for the special speaker's fund. The motion was made and seconded that Chris Sorensen will chair a committee to research possible speakers, time frames, costs, venues, budget, etc.
- Larry reported that the Fair contract needs to be completed by June 1, 2016. There is an additional \$100 deposit fee required by the city to ensure compliance with their standards for filing the Certificate of Insurance.

New Business

- Larry put forward that we are short by approximately 40 to 50 yard sign stands this year. The motion was made and seconded that Larry will purchase the replacement wire stands in the near future.
- Thora Birch will be notified that Diamond Dan Publications has new coloring books for sale. The Junior Club has purchased these books in the past for sale at upcoming events.
- Marty mentioned that we need to begin thinking about the annual picnic. Sunday, September 18 was chosen as the date, and Kathy Larson will contact Kennewick Parks and Recreation to reserve the shelter from 10:00 to 4:00 on that day.

Club meeting – May 4, 2016, 7:00 p.m. (social at 6:30).

Board Meeting – May 16, 2016, 7:00 p.m.

The meeting adjourned at 8:14 p.m.

Respectfully Submitted, Sally Lyon, Secretary

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 again for taking the time to collect stamps for a good cause.

Junior Rock Club April Minutes

- Flag salute was followed by discussion about the Rock Show, doing displays, and signing up as volunteers in the Kid's Corner at the Rock Show. Lots of information was shared for newcomers to understand how much fun to expect.
- There were no April birthday students in attendance. Lots of door prizes were given, as well as Mineral of the Month gems for reports to be done in May. Currently due reports were read by Katie, Marcus and Noah. Each person spoke knowledgeable about their mineral. A few shared their lovely Show-N-Tell items too! Well done everyone!
- Guislen Eager and Kyle Nordhaus presented a marvelous rock identification lesson. Students were so engaged in the lesson that they did fairly well in a pop quiz afterward. Each student won a piece of candy for their attentiveness and efforts to identify 10 rocks. Thank you Guislen and Kyle; you're welcome to present a lesson anytime!
- There were 17 students and 12 adults in attendance. A special THANK YOU to each who helped carry rock and other materials up the stairs to Thora's car. You sure lightened Thora's preparation workload for the show! It was exciting to see the many who want to volunteer at the show too. It's always so much fun each year!

Reports due at May meeting by:

Sadie, Lukas, Andrew, Katie, Gage, Noah, Eli, others?

Bring your badge request forms if you want to receive your badges before summer. The order will be sent in following the May meeting, and not again until September.

Go to: www.amfed.org kids section

Arizona State Petrified Wood by Katie, age 8

My mineral is a piece of Arizona state petrified wood. The area it was found in is a national monument called the painted forest. This area is filled with unique fossils. In prehistoric times, an ancient volcano; or multiple volcanos, erupted and permeated the ground, lakes and bogs with silica, ash, and minerals. The trees that fell down took on the silica and minerals and turned into quartz, duplicating the original wood pattern.

The ancient Pueblo people used this mineral as a resource, and made many things out of it. They made arrowheads, knives, tools and even houses! It is believed that owning a piece of petrified wood from the monument will bring a curse upon you! I think that Arizona petrified wood is unique and looks cool.

May Junior Club Program

- **Andy Johnson** will tell us about the Agates of the Columbia Basin and show us some that he has collected. He is a 7th generation native Washatonian and has lived in and around Pasco all his life. Andy joined LGMC in 2007 and regularly participates in local, regional and federation activities. He has previously served as field trip chairman for the club as well as serving as the Public Land Advisory Committee chairman for the Northwest Federation. Andy has also served as the President of the Washington State Mineral Council.
- Andy's interest in rocks was sparked by a walk with his father in sand dunes behind the community of Wallula where his dad found a perfect arrowhead and gave it to him. Since that time Andy's interest in rocks, geology and archaeology has grown.
- His favorite rock/gemstone is Agate, especially the ones he has found here in the Columbia Basin which he has been pursuing and collecting the past 10 years.

**LAKESIDE FIELD TRIP
BRUNEAU WOODPILE – IDAHO
May 21 & 22**

- There are many different species of petrified driftwood found at the Bruneau Woodpile. Some of the species are birch, ash, elm, hickory, catalpa, willow, grape, maple and more. If one is really lucky, a petrified pinecone can be a prize find. The Woodpile is located approximately 350 miles from the Tri-Cities, close to Mountain Home and near Bruneau Dunes State Park.
- Everyone will make his/her own way to the Woodpile. We will meet up at the dig site at 9:00 AM on Saturday morning the 21st to dig wood. Or, if you leave on Friday morning (the 20th), you can caravan along with the Cataldos. Call Cataldo at 628-0170 if you want to travel along with them.

• *Directions to the dig site: From the town of Bruneau (south of Mountain Home) travel 1 to 2 miles west on Highway 78 until you reach the junction of Highway 78 and Highway 51. Turn south on Highway 51 and travel 9.1 miles until you pass mile marker 61. On the left is a gravel road that takes you into the dig area. Wood can be found between mileposts 59 and 61. Walk around a little and you will find outcrops where others have dug.*

- Digging tools that you might find to be beneficial are shovel, pickaxe, rock hammer, small crowbar, sledgehammer and chisels (wide is most useful). There are motel rooms in Mountain Home. Camping is available at Bruneau Dunes State Park and at C.J. Strike Park. Information on these areas is available on the internet.
- We would appreciate a quick call, in advance of Thursday the 19th, if you intend to meet up with the group at the dig site, or need additional information.

**During the trip, it may be possible to reach Cataldo via cell phone at
(509) 531-4740.**

**The American Federation & Northwest Federation Show (AFMS) is in
Albany, Oregon
July 27th to July 31**

Our most heartfelt “Thank you!!!” to everyone who helped to make
our 2016 gem & mineral show yet another success.

What Is or Was Arucarioxylon Arizonicum?

By Peter Kovich

Probably all of us are familiar with Arizona petrified wood and can name three or four types (species) that are found within the Petrified Forest National Park in AZ or in the surrounding area. The most recognizable fossil wood is simply known as Araucaria. Even without visible growth rings, cell structure, or bark it's still called Araucaria. The name has become synonymous with AZ petrified wood for over 130 years.

Recent work with this particular fossil wood has created an interesting problem. The original specimens of *Arucarioxylon arizonicum* kept at the Smithsonian have been re-examined. It was found that the three type-specimens represent 3 different species and none are related to Araucaria. In other words there is not a distinct specie of *Arucarioxylon arizonicum*. Therefore the name is invalid. No such tree. Originally F.H. Knowlton described the specimens in the year 1889 and named the wood *Arucarioxylon arizonicum*. As he did not collect the samples himself, he thought they came from identical logs. His description was a combination of features of all three samples. The three specimens after examination have been renamed by Dr. R.A. Savidge (2007). The name *Arucarioxylon arizonicum* was dropped and each specimen given a new name, none of them containing Araucaria in the name. Dr. Savidge eventually described and named six species for a total of 14 identifiable woods within the park.

Okay, where does that leave us if we can't call it Araucaria? How about "Late Triassic conifer wood from Arizona?" Not very impressive or marketable. Some of Dr. Savidge's new names might work but it would depend on the layer that the piece came out of. There are 9 different layers. How about *Chinleoxylon*? This translates to Chile wood. The Chinle Formation contains abundant petrified logs. Or maybe *Sillicisilvaxlon* (flint forest wood), or *Crystalloxylon* (crystal wood). One suggestion is to refer to the wood as *Araucariaceae indeternmenate*. But even that name doesn't work. There are many more logs in the park waiting to be identified so maybe Araucaria will turn up some day. The majority of Chinle wood has poorly preserved structure—if any at all—and never will be assigned to a Family, Genus, or Species.

This brief article will most likely raise more questions which can be handled at a later date. The purpose is to be informal and not overloaded with unpronounceable names. My Latin stinks and my Botany isn't much better.

May Birthstone: Emerald

(Found on website: About Birthstones)

Spring is a time of new growth and rebirth. And the intense brilliant green of the Emerald, May's birthstone, is as refreshing to the eyes as a spring garden after a rain. Within its depths are often tiny fractures or inclusions, which the French call "jardin," or garden, because of their resemblance to foliage. The Egyptians were known to engrave Emeralds with the symbol for foliage to represent eternal youth, and to bury these jewels with their dead. The ancient Romans associated this gemstone with fertility and rebirth, and dedicated it to Venus, the goddess of love and beauty.

The Ancient Egyptians mined Emeralds in the eastern desert region 2,000 years before Cleopatra's birth, braving extreme heat, scorpions and snakes to search for the beautiful crystals. During Cleopatra's reign, she claimed the Emerald mines as her own, as this was her favorite gem. She often wore lavish Emerald jewelry, and it is said that she bestowed visiting dignitaries with large Emeralds carved with her likeness when they departed Egypt.

In the sixteenth century, the Spanish Conquistadors were amazed to find the native people wearing Emeralds larger and more magnificent than any they had ever seen. Although the natives attempted to hide their Emerald mines, the Spaniards soon discovered and conquered most of them. But it took twenty years before they found the abundant mining operation held by the Muzo Indians, and another thirty years to overtake this aggressive tribe. The Muzo mine was in the area known today as Colombia, and it remains the source of the most prized Emerald specimens. Other sources of Emeralds are Brazil, Zimbabwe, Pakistan, Afghanistan, Madagascar, Nigeria, and Russia.

The Emerald is a member of the beryl family of minerals. The green crystals grow slowly within metamorphic rocks and are restricted in size by the rock, making large Emeralds rare and costly. Although this gemstone is relatively hard and durable, it must be protected from blows because the inclusions found within make it susceptible to breaking.

Some people believe that wearing an Emerald brings wisdom, growth, and patience. And as any couple in a long-term relationship would agree, all of these qualities are essential for a successful and lasting love. This may explain why a gift of Emerald for an anniversary—or anytime—is considered symbolic of love and fidelity.

**Lakeside Gem and Mineral Club Outing
2015 Tri-City Dust Devils By 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!

Dusty's Bullpen*	\$600
Presented by Yoke's Fresh Market	
Lamb Weston Hot Corner	\$600
Food Option 1	\$250
Food Option 2*	\$600



***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
			1 EVE	2 EVE	3 EVE	4 @S-K
5 @S-K	6 @S-K	7 @S-K	8 @S-K	9 EUG	10 EUG	11 EUG
12 EUG	13 EUG	14	15 @SPO	16 @SPO	17 @SPO	18 S-K
19 S-K	20 S-K	21 S-K	22 S-K	23 @VAN	24 @VAN	25 @VAN
26 SPO	27 SPO	28 SPO	29 HIL	30 HIL	31 HIL	

AUGUST						
SUN	MON	TUE	WED	THU	FRI	SAT
						1 HIL
2 HIL	3	4 All-Star Game	5	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 | South |
| EVE Everett AquaSox | BOI Boise Hawks |
| SPO Spokane Indians | EUG Eugene Emeralds |
| TRI Tri-City Dust Devils | HIL Hillsboro Hops |
| VAN Vancouver Canadians | S-K Salem-Keizer Volcanoes |

Home Game

Away Game

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

- Mary Early has Club vests available for \$20. Larry Hulstrom has hats and t-shirts for sale at \$10 each.

Mark Your Calendar!!!

Cabbing Class at the Omsteads 5:30 to 9:00

May 17th & 18th
June 14th & 15th
July 19th & 20th
August 16th & 17th
September 20th & 21st
October 18th & 19th
November 15th & 16th
December 20th & 21st (?)

Flintknapping at the Omsteads 5:30 to 9:00

May 12th & 26th
June 9th & 23rd
July 14th & 28th
August 11th & 25th
September 8th & 22nd
October 13th & 27th
November 10th
December 8th

Memorial Weekend Annual Knapping.

Howard Amon Park, Richland.
Saturday & Sunday with the Puget Sound Knappers.

1997 Club Photo at our
Gem & Mineral Show



Happy 20th Anniversary Lakeside Gem & Mineral Club

It seems like only yesterday that we were planning the first Lakeside Gem & Mineral Show. It was an experiment and we were not sure if there would be a second show. But look at us! We just finished our 20th Annual Show and still going strong!

Congratulations to everyone that helped to plan and produce our 20th Anniversary Show. Special thanks go to our Show Chairman Larry Hulstrom and all the 2016 Team Leaders. You did a fabulous job Team Leaders. In addition, it was all the other many club members that pitched in and helped with displays, demonstrations, setup, takedown, ticket sales, geode sales, silent auction sales, etc. that made the show such a success.

The comments from dealers, attendees and NFMS officers and delegates were upbeat and congratulatory about our show and membership. The NFMS President, Hidemi Kira, congratulated Lakeside on its outstanding show, members and positive attitudes.

I hope everyone had a great time and is looking forward to the 2017 Show. Thank you again for your contributions to our 20th Anniversary Show.

Evelyn

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

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



THE GEODE

Volume 95, Issue 5

May 2016



LAKESIDE GEM & MINERAL CLUB, INC.

PO Box 6652

Kennewick, WA 99336-0603

FOSSIL GROUP

The Lakeside Fossil Group met on Wednesday, April 20, 2016.
The topic for the evening was “Trilobites.”

Trilobites flourished from 520 million years ago to 250 million years ago. They were the “rulers of the sea” for over 300 million years. Great conversation took place on how to tell fake trilobites from real trilobites. The trilobite topic will be continued at the next Fossil meeting on Monday, May 9th at Evelyn Cataldo’s home.