



THE GEODE

Lakeside Gem and Mineral Club, Inc. (LGMC)

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

Volume 96 Issue 6

June 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

June Meetings

Club: Wednesday June 1st– 6:30 social, 7:00 p.m. meeting.

Board Meeting: June 20th 6:30

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

Junior Club meets June 14th 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
- 4) Junior Page
- 5) Jr Reports/ Rock Sale
- 6) FYI/Stamps/Club Library
- 7) Summer Greetings
- 8) Pacific Fission Worms
- 9) Photos of the Worms
- 10) April Show Photos
- 11) Raffle Winners/Pricing Jewelry
- 12) Classifieds/Mark Your Calendar
- 13) Board of Directors
- 14) Fossil group

June Program

Tailgating/Swap/Sell

Gather in the parking lot from 6:30 to 8:00 with stuff you would like to sell or swap.

Bragging Table

Show what you purchased or bartered for at the earlier tailgating.

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.

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Member contact information updates:

Please notify Cindy Guettinger at
clguettinger@att.net

Minutes – Club Meeting – May 4, 2016

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

General Business

- Guests Jonathan and Kristie, Jenny, Tonda, John and Kathy were welcomed.
- The minutes of the previous meeting stand approved as written.
- **Geode:** No new business was reported
- **Treasurer's Report:** Provided by Bert Kaé-Je (not published per historic Board policy).
- **Federation News:** Larry Hulstrom reiterated that the Northwest Federation Newsletter has information on the Albany, OR combined Northwest and American Federation Show at the Linn County Expo Center. This will be a big show at a large venue, and there is still *some* RV parking available.
- **Refreshments:** With the church kitchen remodel set to begin soon, refreshments will be put on hold at meetings in the near future.

Old Business

- **Reach Display:** Chris Sorensen shared that the display case will be completed as soon as Jerry Senn is back on his feet. Get better soon Jerry. She also stressed the importance of community support for The Reach as it is currently going through some financial challenges.

New Business

- Consideration needs to be given to purchasing another portable microphone system to handle people speaking from the back of the meeting room.
- There will be a field trip to the Bruneau Woodpile on May 21 and 22.
- Kathy Larson is stepping down as Program Director. She has scheduled programs through the end of the year.
- A Nominating Committee needs to be formed by our August meeting. Elections will be held later in the year for President, Vice President and Director.
- Steve Shoemaker has fliers available concerning a rock sale in Hood River, Oregon on May 21 and 22.
- Larry Hulstrom has new Federation Directories available for \$10 each.

Door Prizes:

- Six door prizes were drawn and given to Club members and a visitor.

Bragging Table - Green Rocks and Emeralds: Elmer Ringering brought a polished specimen gathered from the Bruneau Wood Pile; Myrene Northey showed Helenite earrings and a ring made from Mount St. Helens ash; Ralph Eichner shared black obsidian with a purple flash; Heather Moon showed a Turkish green agate necklace, ruby and fuchsite, and cabs made from material gathered on the Little Naches field trip; Judy Allison shared a polished jasper slab from McDermott, Oregon; new member, Gerald Hunt, brought in a rock he found in Arizona with magnets stuck to it.

Program – Project Night: Another fun night of sharing our members' projects.

Next Meeting: Club Meeting – June 1, 2016, 6:30 & Board Meeting – June 20, 2016, 6:30

The meeting adjourned at 8:00 p.m.

Respectfully Submitted, Sally Lyon, Secretary

Minutes – Board Meeting – May 16, 2016

Present: (Board Members) Evelyn Cataldo, Chris Sorensen, Marty Casto, Bert Kaé-Je, Wayne Larson, and Sally Lyon.

(Members) Kathy Larson, Mary Lou Omstead and Cindy Guettinger.

Evelyn Cataldo called the meeting to order at 6:35 p.m.

Old Business

- Evelyn reported on proceeds made from selling the Mineralogical Record publications during the April show. The motion was made and passed to allocate these funds to the special speaker fund.

New Business

- Kathy Larson has reserved Keewaydin Park for the annual picnic on September 18, 2016.
- Bert presented the Board with a comprehensive list of equipment purchased since she became Treasurer. She also handed out Profit and Loss Statements listing income and expenditures for the past 3 years, as well as Balance Sheets and an accounting breakdown for the April show.
- Bert also reported that her term as Treasurer will end as of July 1, 2016.
- Discussion on whether the discount coupon printed on our show fliers, as well as in the newspaper and on our website should be cut down next year to be included on only one advertising venue. This may help highlight the best outlay of our advertising dollars by counting coupons presented in comparison to overall ticket sales. Topic tabled for future discussion.
- Discussion on membership renewals, late renewal payments, our members' list and whether we need to firm up our rules for membership renewal.
- Cindy Guettinger reported that she will resign her term as Membership Coordinator effective in the very near future.
- Wayne Larson and Mary Lou Omstead volunteered to work on the Election Nominating Committee. One Board member is still needed for this committee. Elective positions will include President, Vice President, Director and Treasurer. Volunteers are needed for Membership Coordinator and Programs Coordinator.
- Discussion on the urgent need to fill upcoming key Club positions.
- Bert asked the Board to consider issuing guidelines with regard to age requirements for the annual silversmith class presented by Chris and Peggy Blickfield.
-

Club meeting June 1, 2016, 7:00 p.m. (social at 6:30).

Board Meeting – June 20, 2016, 6:30 p.m.

The meeting adjourned at 8:45 p.m.

Respectfully Submitted,

Sally Lyon, Secretary

Junior Club Minutes – 5/10/16

- The meeting was opened at 6:30pm. The President, Vice President and Secretary were not at the meeting when we started. There were 15 juniors and 16 adults present. We had one birthday for June (because Julia thought there was no meeting in June but was wrong - there is no meeting in JULY!) So he got his gift early.
- I asked how many went to the Lakeside Gem & Mineral Club Rock Show, nearly all the kids raised their hands. Andrew S. was presented with the plaque he won for the best Jr. Rock Club display, picture attached.
- Mrs. Sorensen mentioned that she made a list of the Club's meeting topics and mentioned that many of the badges were available from attending these meetings. Also material was donated to her and she made several sashes to put the badges on.
- Rock Reports were given by 10 year old Leland, Opalized Limb Cast; 9 year old Noah, Mexican Geode; 7 year old Andrew, Calcite; 8 year old Katie did a report on Pyrite. 12 year old Kevin did a show-and-tell on a Dyed Lace Agate pendant he made in a silversmithing class.
- Andy Johnson gave a presentation on local rock hounding for Agates. Agates are all over the Columbia Basin. He gave examples of what to bring on a rock hunt, detailed how to find agates and what to look for. Agates are formed when groundwater containing silica finds its way into cracks in rocks and hardens. Heat is added by the volcanic activity and an agate may be formed, found in many different colors and sizes. Agates are translucent. Andy brought several rocks to show and many more were seen in a slide show. Andy forgot to mention to the members to check out the Columbia River Basin Agates Facebook page for many examples of local agates.
- Joy is out for a few months and Get Well cards were brought in and signed by the members.

Next month's rock reports will be:

Tom P. took Horn Coral
Katie A. took Agate
Gage B. took garnet
Noah M. took Agate nodule
Eli M. took Queensland agate
Arthur H. (visitor) took Petrified wood
Leland G. took Vivianite
Lucas V. took Neukie Marble
Marcus V. took Calcite crystals.

Show and Tell by Kevin

Hi my name is Kevin. I'm here to show and tell about the necklace I made. Me and my dad took a silversmith class. And with a little help.
I made a Dyed Lace Agate necklace. The rock looked cool so I used it. No glue! Solder and pliers is all I used.
I hope everyone likes it like I do.
Thank you, Kevin M.

Junior Club June Program

It is the beginning of field trip season so we will be playing the Field Trip Equipment game. The Junior Club members from the Timpanogos Gem & Mineral Society in Utah play this game and like it a lot. They very generously shared the game with us. So let's have some fun and get ready for the summer field trips.

Opalized Limb Cast rock report by Leland

1. Pink and green limb casts are highly prized.
2. Limb casts take a long time to form.
3. Some limb casts can show bark or wood texture.
4. Limb casts are formed with agate.
5. Also limb casts use volcanic ash to be formed.

Calcite rock report by Andrew

1. Hardness of 3
2. Hexagonal crystals
3. Usually white, can be many colors
4. Used in some medicine like antacids
5. Is in limestone and marble
6. Used in construction, farming, paint

Pyrite rock report by Katie

1. Mineral
2. Can't be scratched by fingernail or pocket knife
3. harder than gold
4. Much lighter than gold
5. Nickname fools gold
6. Most common sulfide mineral

Quartz Crystal Report by Noah, age 9

- They are usually transparent.
- They can be spotted in geodes
- During the formation of the crystal, things can get trapped inside it.
- Smoky quartz can be used to make light grey crystals.
- Usually found underground or in caves, some quartz crystals are bigger than an adult's thumb. Some are so tiny, you'll need a microscope!

Mexican Goede by Marcus, age 8

My rock has many rocks and little crystals and is found in New Mexico.

Mexican Goede rock report by Noah

1. The color of the outside is brown and red.
2. The color of the inside affects how you see the quartz crystals.
3. Although the crystals inside are large.
4. The crystals inside can be different colors themselves, such as yellow, gray and white.
5. The size is about as big as your palm.
6. They can be mistaken for other geodes.

Rocks Estate Sale May 21-22 10-4 each day Hood River, OR

A couple of brothers who live in West Richland are liquidating their folk's accumulation of rocks. They are offering it first to members of gem and mineral clubs before its offered to the public. Everything must go before they can sell the property.

There is about 8 ton of material including thunder eggs, petrified wood, crystal nodules, carnelian, snake skin agate and much more. There are drawers of slabs and piles of large mixed material suitable for slabbing including pieces of Biggs Jasper. All of the material was collected before 1980.

Everything is priced at \$.50/pound or \$25 per bucket to start with but would be possible to negotiate. Discounts for quantity. In addition, there are scattered antiques and vintage items scattered around the property that you can make offers for.

If you are interested in more information, contact: Larry Sunday 509-521-5147

The material is located at:
1155 Tucker Rd
Hood River, OR

Note: It is about a 3 hour drive to Hood River from the Tri Cities

FYI

- **Sub Groups:** The fossil sub group will meet on Monday, May 9 at 6:30, contact Evelyn for information. The chainmaille sub group will meet on Thursday, May 12 at 6:00, contact Chris Sorensen for information.
- **Silversmithing Class:** Bert reported that 20 slots were filled this year, with many interesting finished pieces being made. The Blickfields would like to return in the same time frame next year to teach another class. Many thanks to the Omsteads once again for the use of their space!
- **Dust Devils:** Heather Moon has signup sheets available along with a calendar to pick the date for our group night at baseball with the Dust Devils. More info to come in the Geode.
- **A committee is needed to research special speakers, seminars or possibly weekend programs utilizing funds raised from our raffles. Contact Chris Sorensen if you can take part in this committee.**

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.

Club Library

Check it out!

The full list of library holdings is posted on the Club website at <http://www.lakesidegemandmineralclub.com/home.html>. Only a small sample of the resources is brought to the clubs meetings. If there is a specific book or item you would like to check out at next club meeting, call the Club Librarian, Jean Smith, at (509) 586-8409 and leave a message on the answering machine.

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

Summer Greetings,

- In between jotting down some thoughts for *The Geode*, I am working on packing our travel trailer for the first rock outing of the season. We are looking forward to traveling to the Bruneau Woodpile and searching for petrified driftwood with other Lakeside members. Of course, I'm dreaming of finding the perfect petrified pinecone. For those not going on the field trip, we will share our adventures with you at the June meeting.
- My term as President is winding downward and the club needs to do some planning for the next biennial. The Nominating Committee needs to announce a slate of candidates at the August meeting. We will be electing a President, Vice-President and a Director in October. **I need two club members to volunteer to be on the Nominating Committee.** If you would be willing to serve on the Nominating Committee, please give me a call or send me an email.
- Over the past three years, **Kathy Larson**, as our Program Chair, has planned and coordinated informative and stimulating programs for our enjoyment. Thank you Kathy for all that you have done for the Club. As of July 1st, Kathy is ready to take on some new challenges and the Club needs to appoint a new Program Chair.
- The Club has programs planned through the remainder of 2016. This will enable a new Program Chairman time to get organized. **Please let me know if you would be willing to be our Program Chair.** There are eight programs each year to coordinate.
- **Cindy Guettinger** has expertly maintained our membership records for the past two years. Great job Cindy! We appreciate you. Cindy agreed to be our Membership Chair for two years. Her term is expiring on November 1st. That time has passed quickly and now is the time for another member to take on the duties of Membership Chair.
- **If you have an interest in helping the Club by maintaining the membership records**, please see either Cindy or myself for additional information. Cindy wants to start working with a new Chair soon so that there is a smooth transition when her term ends.

Hope you are enjoying the wonderful weather and I look forward to seeing you at the June meeting.

Evelyn
cataldoevelyn@yahoo.com
628-0170

Pacific Fission Worms

fission worm colony
calcareous
tube worm

While walking down the beach after a strong winter storm, you might find a gray, rounded rock, perhaps the size of a grapefruit, riddled with hundreds of tiny oval holes and a few larger round holes. What is this? A longtime coastal resident might tell you that you'd found a piece of "brain coral." This is an error. Rock- or reef-forming corals are found only in warm, semitropical to tropical seas. Your prize is the home of a colony of worms with the gruesome name *Dodecaceria fewkesi*. No single common name has been given to them. They are related to tube-building worms such as feather duster worms and calcareous tube worms. The animals have black bodies with tentacles and gills at the mouth end.

How Do the Worms Form Their Colonies?

To make the rock colonies, one larval worm settles on a rock and draws calcium carbonate from the seawater to deposit around its body, thus forming a tube-shaped burrow. Once the "founding father" (or mother) worm reaches maturity, it divides in half. Two new worms are soon created from the new halves. As fission continues, the colony continues to grow, and new burrows are added to form one large, stony colony. The larger colonies are usually found on reefs below low-tide level.

What Can We See on the Beach?

The colonies are often broken apart by the action of waves or secondary burrowing animals. They can then be found on beaches, tumbled smooth by the waves. Most of the material found on beaches is not fossilized but comes from a colony that was recently alive. However, there is the chance of finding fossilized Pacific fission worm colonies on Oregon beaches, dating back to the Pleistocene era. *Dodecaceria fewkesi* colonies can easily be distinguished from coral by the way the burrows form in many directions, often crossing each other.

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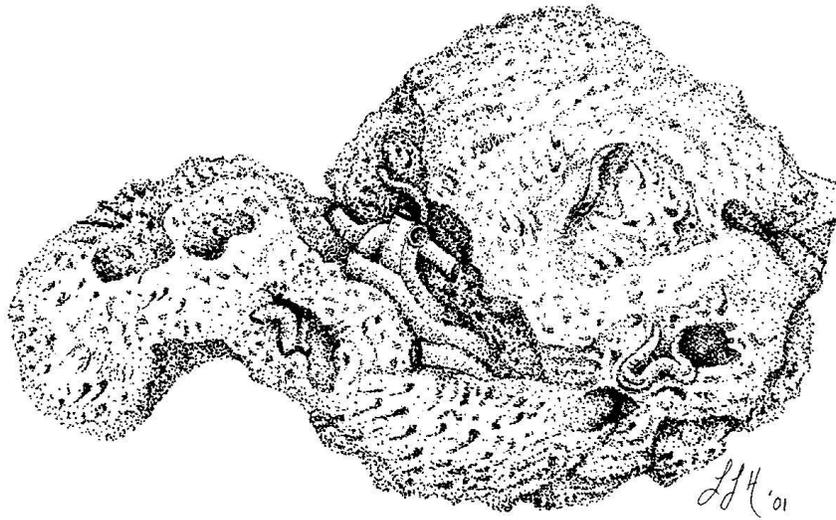
Illustration by Laura Hauck

Text by Sylvia Pauly, educational program assistant, Hatfield Marine Science Center, and Vicki Osis, marine education specialist, Extension Sea Grant, Oregon State University.

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Photos on next page

Pacific Fission Worms



April Show Photos



Raffle Drawing

1. Blue Forest Petrified Wood donated by Marvin and Ruth Brooks-Butler: Arturo Tejada
2. Gem Specimens donated by Marvin and Ruth Brooks-Butler: Arlene
3. Fossil Slab Specimen donated by Marvin and Ruth Brooks-Butler: Jean Smith
4. Hand Made Copper Pottery donated by Bert Kaé-Je: Mickee Madden
5. China Hollow Jasper Knife donated by Max Hatfield: Mike Downing
6. Midnight Obsidian Knife with Antler Handle donated by Rick Tobin: Evelyn Cataldo
7. Honeycomb Calcite Night Light donated by Dom and Evelyn Cataldo: Caroline Bowdish
8. Wire Wrapped Cabochon donated by Ron Northey: Don Engleman
9. Polished Montana Agate donated by Elmer and Marilyn Ringering: Jean Smith
10. Agua Nueva Agate donated by Don and Pat Snyder: Ron Northey
11. Graveyard Point Sphere donated by Kerry Norton: Caroline Bowdish
12. Display Case donated by Chris and Jerry Sorensen: Lynda Rosenbaum

Club Photo to be taken at June Meeting!

At our June 1st meeting, we will be taking a photo of all the members who are attending. Last month we published one photographed twenty years ago—and thank you Evelyn for submitting it!

If you are a Lakeside Gem & Mineral Club member, **please** attend!

My camera is mediocre at best. If someone has a decent one and doesn't mind a non-member (volunteer) to use it, please bring it.

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

What Price Is the Right Price?

An excerpt from an article by Karen M. Burns, Houston Gem & Mineral Society

From: *The Backbender's Gazette*, 4/2010

(2nd Place – AFMS Original Adult Articles)

Hints on Selling Your Jewelry: Setting prices is an art, not a science, and it depends upon many subtleties, the primary one being the market in which you sell. Set your price, and don't offer discounts—EVER. Forget three for the price of two, etc.—refer to the third sentence. That is simply re-pricing your merchandise. If you want to entice sales, offer something extra such as a pair of earrings or a simple finger ring, something with a low cost that doesn't lower the value of the more expensive piece.

"But my things aren't selling, and my prices are really low." The answer may be, your prices are too low. There is a perception of value for the purchaser—if the price is too low, as in "if it's too good to be true, it probably is," so the perception may be that the materials are cheap, the workmanship shoddy, and the design is poor. Raise your prices to be in keeping with the precious metals and handcrafted work that you are selling.

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

• Evelyn received a letter from a 90 year old gentleman in Sherwood, Oregon who is selling his collection of lapidary equipment, rough, slabs, cabs, faceted stones, etc. The sale runs from May 6 through the 15th. See Evelyn for more information.

Mark Your Calendar!!!

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

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

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.

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



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LAKESIDE GEM & MINERAL CLUB, INC.

PO Box 6652

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News From The Fossil Group

There were “bugs, bugs and more bugs” at the May Fossil Group Meeting. The experts call them “bugs” but officially they are trilobites. Trilobites lived from 550 MYA to 250 MYA. There are almost 20,000 varieties of trilobites. Trilobites were the first group of animals to develop complex eyes. Some trilobites had eyes on stalks, some had spines, some could roll up. The smallest trilobites were the size of pepper flakes and the largest about 28 inches long. Trilobite fossils are found all over the world. Some of the famous U.S. locations are in Utah, California, New York, Ohio and Texas.

The Fossil Group will meet again on June 6th at 6:30 pm. The evening’s topic will be fossil fish.