

**Return Bulletins to:
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**Dusty Rocks
September
2017**



**ROCK AND ARROWHEAD CLUB
P.O. BOX 1803
KLAMATH FALLS, OR 97601
www.klamathrockclub.org**

OFFICERS & EXECUTIVE BOARD

President: Laura Limb, 541-273-7503, 1528 Dayton St., Klamath Falls, 97603

Vice President: Kristin Sayles, 541-539-1452, 11575 Spring Lake Rd., Klamath Falls, 97603

Secretary/recorder: Cheryl Lee, 503-867-4112, 2226 Applegate Ave., Klamath Falls, 90601

Treasurer: Vacant

NFMS Director: Kathi Milem, 541-892-7371, 4045 Altamont, Klamath Falls, 97603

NMFS Delegate: Alyssa Carnes

Past President: Allen Hart

Member at Large: Marvin Stump

Club mailing address:

P.O. Box 1803, Klamath Falls, Ore., 97601

www.klamathrockclub.org

nicee1214@gmail.com

Rock and Arrowhead Club meetings are held at the Klamath County Museum Meeting Room @ Main and Spring Street, using the **West** entrance. Meetings are held on the 2nd Monday of each month at 7 p.m., with the exception of December when we have our Christmas Luncheon and Party and after the March show.

Visitors are cordially invited: Dues are \$13.50 per year, per adult, and \$7.50 for ages 16-18. Families can join for \$25, plus \$1 per child.

General club objectives: To promote popular interest, knowledge and understanding in earth sciences, such as geology, mineralogy, paleontology, lapidary, and other related subjects.

To sponsor and provide means of coordinating the work and efforts of all persons interested therein.

Helping others: The club participates in the NFMS stamp program, saving large commemoratives, airmail, pre-canceled, and foreign stamps of all values. Proceeds from stamp sales will be used to benefit any charity deemed worthy by the NFMS Endowment Fund.

Committee Chairs

Sunshine Chris Chance
Program Doris Newnham
Greeter/Door prize
Refreshment Chris Chance
Historian Don Perryman
Librarian
Claims Rep Garwin Carlson
Field Trips Marv Stump
Black light display Marshall Curran
Show Chair Garwin Carlson
Asst Show Chair Marvin Stump
Safety Officer Jeff Eastburn
Webmaster Denise Sebastian

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THE NORTHWEST NEWSLETTER is published 11 times a year.

Copies are sent to each member's household. The cost is included in your annual dues.

Two free copies of the **AFMS NEWSLETTER** are mailed to each member club.

Subscriptions are available at \$3.50 for 9 issues. Send payment to:

American Federation of Mineralogical Societies

PO Box 26523, Oklahoma City, OK, 73126

We are affiliated with

- ▶ Northwest Federation of Mineralogical Societies
- ▶ American Federation of Mineralogical Societies

Newsletter Editor

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Visit us at www.klamathrockclub.org

Please e-mail nicee1214@gmail.com to get on our e-mail list.

Reference to use of arrowheads within our club is limited to flint napping activities during workshops, annual shows, and personal creations. No gathering of arrowheads on field trips is authorized or suggested by any club member.

DUSTY ROCKS

~ Rock and Arrowhead Club ~ Klamath Falls, Oregon ~



From the President

Fellow Rock Hounds,

I hope that you have been having an exceptional summer and that your collection has grown. I am in Idaho as I write this and the smoke from Oregon has followed me to the other side of the state. The smoke is making the air quite difficult to get out in and rock hound. Remember to be safe as you travel out into the woods and desert. Be good stewards of the land.

Take a moment and write down some of your adventures this summer and share with us through our newsletter. The contact information for Lacey is on the second page of the newsletter.

Happy rock hounding,

Laura Limb
President

Table of Contents

Officers	Page 2
President's note	Page 3
Minutes	Page 4
Birthdays	Page 5
Tumbled rocks	Page 5
History Buff	Page 6, 7
Dates	Page 7
The Grinder	Page 7
Virgin Valley	Page 8



Next meeting: September 11, 7 p.m.

Refreshments: Tom and Cheryl Endicott with Jerry and Averil Anderson



General Meeting Minutes for August 14, 2017, 7 p.m. Klamath County Museum

The meeting was called to order by President Laura Limb at 7 p.m., followed by the salute to the flag.

Birthday greetings to all born the month of August.

30 Members in attendance. Three door prizes were drawn.

Welcome to guest Mark Fisher, who is now a new member.

Review of the minutes: It was moved by Art and seconded by Marshall to accept the minutes as posted in the newsletter. Motion carried.

Treasurer's Report: Report was given by Laura for Leah Stump.

Northwestern Federation (NWF) Report: Kathi Milem was absent. Laura noted that we all should keep informed about land access as posted in the NWF newsletter.

Sunshine Report: Chris Chance – Healing thoughts and prayers are sent to all not doing well. Progress report was given on Larry Phillips.

Webmaster Report: Denise Sebastian – nothing new to report

Newsletter: Lacey Jarrell – All is going well and don't forget to submit your rock hound articles and photos.

November Show Meeting: Kristin – August 22, 6 p.m., at the museum, unless notified otherwise. Date of show is Nov. 4 and 5, with set up on Nov. 4. Rock and non-rock handmade crafts. Booth app on website. Volunteers needed to work the show. There will be a coffee and bake sale.

Club member field trips: Laura Limb reported return trip to the beach.

Dennis Sly reported on his Arkansas diamond trip and advised that no one go when it rains. He has made several trips to Plush for sunstones.

Club Field Trips: Marvin Stump reports:

Lassen Creek/Davis Creek, Calif., July 14–16 for obsidian. Chris Chance reported that the weather was good and that there had been some good obsidian finds. Good showing of people and plenty of food. She referred everyone to her article in the August 2017 Dusty Rocks.

Virgin Valley, Nevada, Aug 11–13 for opals. Lacey reported that there was a small group of people digging for opals and that it was very hot weather. She shared the opal she found.

Next Trips: No update provided.

September, late (pending) Tuledad – agate

Sept./Oct. date pending. Potential gold panning at Beaver Creek in California. Needs to be coordinated with the Prospector's Club

Oregon rock shows:

Sept. 1–4, Canby, Ore., Show and sale. Sari Trevarthen, Clackamas County Event Center, 694 NE 4th Ave. Daily 9 a.m. to 5 p.m. Free Admission.

Old Business: None.

New Business:

Robert Stroope mentioned a museum news article where Marshall was complimented for his stellar job with the rock exhibit.

The 2018 March Rock Show was discussed with following options:

- 1) Opal 2) Jasper 3) Things you do with a rock
 - Request for large rocks for the auction was made, bring them to the show.
 - Tumbled rocks are needed because the show ran out and needs to resupply. Start your tumblers now!

Program: Laura Limb brought a box of rocks she has collected, some from USA and overseas, for everyone to identify.

Next meeting: Monday, Sept. 11, 2017, at 7 p.m. at the Klamath County Museum.

Meeting Adjourned at 7:40 p.m.

Silent auction was not held.

Refreshments: Provided by Denise Sebastian and Dennis Sly

Refreshments List for the rest of the year:

September: Tom and Cheryl Endicott with Jerry and Averil Anderson

October: Brian and Clarisa

November: Laura Limb and Denise Sebastian

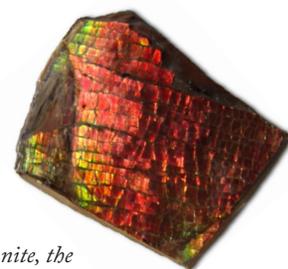
December: Christmas Party

Respectfully submitted by,

Cheryl Lee

Recorder

Ammolite is an opal-like organic gemstone found primarily along the eastern slopes of the Rocky Mountains of North America. It is made of the fossilized shells of ammonites, which in turn are composed primarily of aragonite, the same mineral contained in nacre, with a microstructure inherited from the shell. It is one of few biogenic gemstones; others include amber and pearl.



September birthstone:



Sapphire

Source: www.americangemsociety.org

September's birthstone, the sapphire, has been popular since the Middle Ages. Back then, the celestial blue color of this gem symbolized heaven and attracted divine favor and wise judgment.

Greeks wore sapphire for guidance when seeking answers from the oracle. Buddhists believed it brought spiritual enlightenment, and Hindus used it during worship. Early Christian kings cherished sapphire's powers of protection by using it in ecclesiastical rings.

Ancient Hebrews believed that the Ten Commandments were engraved on tablets of sapphire, though historians now believe the blue stone referenced in the Bible may have been lapis lazuli.

Classical violet-blue sapphires traditionally came from the Kashmir region of India between the late 19th and early 20th centuries. The world record price-per-carat for sapphire was set by a gem from Kashmir, which sold at auction for \$242,000 per carat (more than \$6.74 million total) in October 2015.

In 1902, French chemist Auguste Verneuil developed a process to make synthetic sapphire. The abundance of synthetic sapphire unlocked industrial applications spanning integrated circuits, satellite communication systems, high-durability windows and scientific instruments.

This gem became a symbol of royal love in 1981 when Britain's Prince Charles gave Lady Diana a 12-carat blue sapphire engagement ring. Prince William later gave this ring to Catherine Middleton when he proposed in 2010.

happy
birthday!

Janet Barnes
Katie Hart
Sandi Hart
Gene Newnham
Don Perryman
Natta Skog
Adam Skog

In search of: TUMBLED ROCKS FOR THE 2017 MARCH SHOW

For the members who have tumblers and would like to provide tumbled rocks for the March show, we need: approximately 600 hundred pounds of tumbled small rocks (1/2 to 1 inch) for the wheel of fortune, 100 pounds tumbled of 2- to 3-inch rocks for the toddler sand box, and 150 pounds tumbled of 3- to 5-inch rocks for the treasure hunt. This is a lot of rocks, so please help.

There were no tumbled rocks left over from the 2016 rock show, so we need as many members as possible to tumble rocks. It is easier if everyone starts now and not have to rush when we get close to show time, which is the second weekend in March 2018.

Thank you, Marv

History buff in the middle of preserving, well, history

Museum maintenance technician Jim McClure is a jack-of-all-trades

Written by Hannah Steinkopf-Frank KOPF-FRANK for the Herald and News. Published Aug. 4, 2017.

In a day, Klamath County Museum maintenance technician Jim McClure might help construct a new exhibit from scratch, repair an artifact or do maintenance projects at the Baldwin Hotel and Fort Klamath museums. Sometimes, he might just be dealing with a plumbing issue.

“I’ve always been a history buff, and this has dropped me right in the middle of it,” he said. “It’s been a really interesting job, and I’ve met some very interesting people. I can say I’ve never had a job quite like this before.”

McClure, who has a background as a general contractor, moved to Klamath Falls five years ago from Amarillo, Texas. He said he was looking for a change of scenery, not only in where he was living, but also in what he was doing.

He was drawn to the museum job because “I’m always doing different things. One day, I’m hauling a wagon to Fort Klamath or I’m working with kids, sawing wood... And then I’ll have challenges: I’ll have things that will pop up, and I’ll have to relearn new things constantly.”

Remembering a tragedy

Currently, he is working on a replica of the Japanese balloon bomb that in 1945, killed five children and a pregnant schoolteacher near Bly. Although the Japanese sent thousands of these bombs, the Oregonians are the only casualties of World War II in the continental U.S.

With other museum staff, he has relied on photos and a video from the period explaining how the bomb was built.

“I thought it was a poor design once I figured out how it worked,” he said. “I thought it was needlessly complex. But it was very ingenious for the mid-40s that they would come up with such an elaborate bomb, especially with what they had to work with: the technology that they had in those days.”

Although McClure said on a typical day he will be pulled in every direction working on a dozen projects, he has been able to devote much of his time to further highlighting the museum’s collection.

Rocks, music and fossils

One of his first projects was the rock exhibit, a collaboration with the Rock and Arrowhead Club, whose members donated much of the almost 300 objects on display.



The rock exhibit was one of the first that McClure worked on after joining the museum staff four years ago. He worked with the local Rock and Arrowhead Social Club to display almost 300 objects. H&N photo by Hannah Steinkopf-Frank.

“We had to basically gut the room and start erecting with two-by-fours,” said Rock Club member Marshall Curran. “And he did all of that. Jim (McClure) was instrumental. We couldn’t have done it without him.”

McClure also helped construct the 2015 exhibit honoring the museum’s history as the Klamath Armory, where artists ranging from Duke Ellington to B.B. King to Fats Domino performed.

One of the most challenging, but innovative parts of the exhibit is an interactive display that plays songs by many of these musicians. McClure joked that there is “an unbelievable amount of wires in here,” but added that multimedia elements draw new museum visitors.

“I know the kids who come in: When they have buttons to push and stuff to do, they’re much more apt to learn history from interaction than just from reading something on the wall,” he said.

The exhibit also includes historical posters for the acts that performed in Klamath Falls, including a circus.

“This was an in-between station between Portland and California, and they would stop here, and they would just play,” he said. “We’ve had everybody here... We’ve had elephants in this building.”

Although, in the past, the armory exhibit space was used for storage.

“Turning these previously unused or not used very well spaces into nice exhibits that people can enjoy was really something that was a good thing to do,” said museum curator Niles Reynolds. “The amount of work that had to go into preparing those rooms to even become exhibits is astronomical.”

Reynolds added that many of McClure’s contributions are not immediately visible.

“We’ve been a museum in this building since 1970, so that’s 47 years of history, and in that time, stuff accumulates,” said Reynolds. “You have to deal with that accumulation before you can make positive changes.”

More recently, McClure helped construct the fossil exhibit in what was once an elevator shaft and now features bones, teeth and other artifacts from extinct animals and wildlife that is still found in the Basin.

“I was stumped on how to make an exhibit that looks like rock with our monetary restraints,” he said. “We

Continued on page 7

History buff continued from page 6

pretty much figured that one out on our own, but I've been to different museums, and the ones I've been to, I'm looking around at their stuff and seeing what they have going on. It's nice to know what the competition is doing. I think for a small town museum, we give a lot of the big guys a run for their money."

A quiet impact

Curator Niles Reynolds said that McClure is a jack-of-all-trades, a point echoed by museum manager Todd Kepple.

"Jim (McClure) has proven to be quite an asset for our facility because of the wide range of skills that he has..." said Kepple. "And he tackles each job with a lot of enthusiasm and care, so he's really become quite valuable to us."

McClure said one of his favorite parts of the job is learning about the rich history of Southern Oregon and sharing that with visitors.

"The kids love the fossil exhibit," he said. "Of course, we can't get it through to them that it's not dinosaurs, but you would be amazed how many kids don't know that there were no dinosaur bones here because there was no land here back then. Even kids who were born and raised here don't know that. I think adults raised here don't know that. It's always great to educate kids, and adults."

Even if his day-to-day work includes changing light bulbs and cleaning display cases, McClure has big dreams for the future of redoing the whole inside of the museum.

"We want to update all of our exhibits and put in some walls and new lights," he said. "It's a long process, but we're whittling away at it."



Sept. 4 - Labor Day

Sept. 10 - Grandparents' Day

Sept. 11 - RAC meeting

Sept. 18 - National Cheeseburger Day

The Grinder

WANTED: Stone bases for the March Rock Shows Wheel of Fortune mini trees. They may be cut slabs, interesting shapes and sizes and/or polished or not. We also need tiny tumbled stones for making the "leaves." Bring your donations to the next meeting or contact Cheryl Lee at 503-867-4112 or e-mail ladymcnamara@hotmail.com.

Thank you,
Cheryl/Sherry

C-2 HYDRAULICS MAY HAVE O-RING TYPE BELTS FOR SMALL EQUIPMENT (TUMBLERS, TRIM SAWS, ETC.). WE HAVE USED THEM ON GY-ROC TUMBLERS AND THEY WORK GREAT. They are located at 5156 Harlan Drive, between Hope and Homedale. - Marv & Leah Stump



Have an item you don't want anymore?

Having a yard sale next month?

Contact newsletter editor Lacey Jarrell at lacey.jarrell@gmail.com and have your items listed for other club members to see.

Virgin Valley



JUNIOR ROCK HOUNDS OF THE ROCK AND ARROWHEAD CLUB

Hey Kids!

For those of you eighteen and under, we appreciate your participation and ask that you consider attending to learn more about the world and to mentor the younger and less experienced members.



Our Juniors have earned badges and will be awarded at a future club meeting. Thank you to Matthew Limb and Nathan Sayles for instructing the group. For more information about this group, contact Laura Limb at 541-281-8058.

