

Return Bulletins to:  
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Klamath Falls OR 97601

**First Class Mail ~ Time Dated Material**

Bulletin article submissions or inquiries, contact Editors, see page 2.  
Address change or questions, contact Mike Hard at [Michael.hard@live.com](mailto:Michael.hard@live.com)



**Dusty Rocks**

**March  
2020**

**ROCK AND ARROWHEAD CLUB**

P.O. BOX 1803

KLAMATH FALLS, OR 97601

**[www.klamathrockclub.org](http://www.klamathrockclub.org)**

# OFFICERS & EXECUTIVE BOARD



# DUSTY ROCKS

Rock and Arrowhead Club ~ Klamath Falls Oregon



**President:** Doris Newnham  
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Klamath Falls, OR 97603

**NFMS Director:** Kathi Milem  
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**NFMS Delegate:** Alyssa Carnes

**Member @ Large:** Leah Stump

[www.klamathrockclub.org](http://www.klamathrockclub.org)  
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Send your items for sale, photos, adventures, etc to newsletter editors  
stroopemail@gmail.com or  
chancechristing66@gmail.com

## Committee Chairs

Sunshine.....Chris Chance  
Program.....Kristin Sayles  
Greeter/Door Prize.....  
Refreshments.....Chris Chance  
Historian.....Don Perryman  
Librarian.....  
Claims Rep.....Garwin Carlson  
Field Trips.....  
Black Light Display.....Marshall Curran  
Show Chair 2020.....Denise Hard  
Asst Show Chair.....  
Safety Officer.....Laura Limb

**Rock and Arrowhead Club** Meetings are held at the Klamath County Museum Meeting Room – Main & Spring Streets, using the **West** entrance

**Meetings are held on the 2<sup>nd</sup> Monday of each month at 7:00 pm** with the exception of December when we have our Christmas Luncheon and Party and after the March show, when the meeting is held on Tuesday, except this year, 2020

**Visitors are cordially invited to all meetings. To join:**

Dues are \$13.50 per year for singles, \$25 for couples \$30 families

The club mailing address is:  
PO Box 1803, Klamath Falls OR 97601

## General Objectives of the Club:

To promote popular interest, knowledge and understanding in the various earth sciences, as in Geology, Mineralogy, Paleontology and 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.

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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 Editors

Chris Chance 541-891-3608  
& Linda Stroope 503-393-5025

**Visit Us At [www.klamathrockclub.org](http://www.klamathrockclub.org) Contact Webmaster Denise Sebastian nicee1214@gmail.com for anything relating to our website**  
**Please e-mail Mike Hard Michael.hard@live.com to join & get on our email 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 members.*

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Hello fellow rock hounds!



This is a first! Our meeting is before the show and I hope everyone can make it. Our weather has been very nice this week but I have a feeling it will change. We have another show committee meeting before the show. The committee decided to get Papa Murphy's Pizza on Sunday, the last day of the show. We can bake it there at the kitchen of the building where we have the show. We will need to decide what kinds of pizza, who will pick them up and when we need to start baking them and who will get them in the oven.

We will see you at the meeting.

Thanks, Doris



## Happy Birthday



Sam Chance  
Glen Damrow  
Sherry Douma  
Denise Hard  
Jamie Lant  
Linda Lehman  
Jared Smith  
Ellie Taylor  
Kyle Watson  
Ashley Wright  
Mark Wright

*If we've missed you* it's because our master list lacks your info. Help us update it, thanks!  
Please contact Mike Hard

### NEXT Regular Meeting

**Monday March 9, 7pm**

**Treats by Peggy Bieler**

**note:**

**Our last meeting before the big SHOW!**

### Save the dates!

**Final Spring show meetings--**

**all 6pm @ the Museum**

**March 5 and Apr 16**

**Denise Hard, show chair**

**541-331-1378**

**nicee1214@gmail.com**



**DUES DUES DUES DUES DUES**

Based on a membership vote last fall, it was decided that since so many members renew *at the show* and that we gain new members each March, that the annual membership dues would now be due in **MARCH**. If you paid in the fall, we thank you.

If not, **please send in your dues by the end of March to ensure continued receipt of the newsletter and maintain your membership.** Please refer to page 2 for the \$ amounts for each category.

Please send to RAC, PO Box 1803, Klamath Falls, OR 97601

Please also advise any physical address change, phone or email change at

For those of you who didn't see this in the Herald and News....article by Kurt Liedtke, 1/30/20

**Warner Mountain Obsidian mining banned for 2020 season on Modoc Forest**

ALTURAS – There will be no commercial or personal-use obsidian collection on the Modoc National Forest for the 2020 season, including at the four mines that had been set aside as community collection areas, according to a news release.

Warner Mountain obsidian is colorful, relatively easy to work, and has been in high demand since time immemorial. Not only did local tribes collect, use, and widely trade this obsidian for thousands of years, it is still an important cultural material to many tribal members to this day. Courts found Warner Mountain obsidian to be a common-variety mineral in the 1970s, but mining areas had been heavily damaged prior to that time. Since then, the Forest Service has managed obsidian mining at four locations in the Warners to provide this “saleable mineral” for commercial purposes as well as a unique recreation opportunity.

More recently, commercial mining impacts have increased as overseas purchasers sought large quantities. This led to a number of unsustainable impacts to the resource, surrounding forest and nearby communities. Theft and illegal mining activities have increased substantially with evidence of heavy equipment, unauthorized roads, wildfire ignitions, unsafe mining practices, impacts on other forest users and an overall unsustainable removal of this non-renewable resource. *Continued....*

Continued from pg 5.....

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“We have the responsibility to insure this resource is available to tribal members for traditional cultural practices for generations to come and we appreciate providing this unique recreational activity for those who can use the resource sustainably,” said District Ranger Lisa Spahr. “We know it is a small percentage of users causing most of the issues, but the current situation has become unmanageable and we are forced to make the tough decision to put a moratorium on all collection until these issues can be addressed.”

Forest personnel are currently working with partners and stakeholders to identify the many concerns and effects. Many stakeholders agree the best course of action at this time is to temporarily discontinue all commercial and personal-use obsidian mining on the Modoc National Forest. This will allow the forest, Warner Mountain Ranger District, partners and communities to assess the situation and put plans into place for a more sustainable program.

### New Charity for the 2020 Show

The club unanimously voted to adopt REACH as our charity for this year. REACH is a local non-profit organization dedicated to provide productive work, rehabilitation and training for people with disabilities and other barriers to employment.



Among other notable endeavors, REACH activities include an art program, recycle, the upcycle store on the corner of Fred Meyer’s parking lot on Washburn Way, furniture and landscape businesses.

Please be sure to stop by their table next to the raffle table, learn and welcome them to the show!



<b>2020 RAC Meetings Treat List</b>	
<b>January</b>	Marolyn & Ken Davis
<b>February</b>	Leah Stump Cheryl Lee
<b>March</b>	Peggy Bieler
<b>April</b>	Chris & Sam Chance 541-882-7125
<b>May</b>	Marshall Curran
<b>June</b>	Robert & Linda Stroope
<b>July</b>	Ashley Mora
<b>August</b>	Kurt & Toni Phillips
<b>September</b>	Tom & Cheryl Endicott Jerry Anderson
<b>October</b>	Cindy Sheridan
<b>November</b>	Kathi Milem
<b>December</b>	Christmas Potluck—no meeting

**Klamath Rock and Arrowhead Club Gem and Mineral Show**

2020 Show Theme: RED, WHITE & BLUE

March 14<sup>th</sup> & 15<sup>th</sup>, 2020

Main Exhibit Building  
Klamath County Fairgrounds  
3531 6<sup>th</sup> St, Klamath Falls, OR

**Application for Display Cases**

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

Club Affiliation: \_\_\_\_\_

Type of Display: \_\_\_\_\_

E-Mail: \_\_\_\_\_

I will need a case: \_\_\_\_\_ (4' X 2' X 2') Total number of cases needed: \_\_\_\_\_

I am bringing my own case: \_\_\_\_\_ Total number of cases: \_\_\_\_\_ My case is \_\_\_ x \_\_\_ x \_\_\_

*Please call ahead of time if you need special accommodations.*

- Electricity is limited to 150 watts per case. Exhibitors are to furnish their own risers and liners.
- Setup starts Friday, March 13<sup>th</sup> from 10:00 am to 8:00 pm
- Displays need to be completed and ready for when the show opens at 9:00 am Saturday March 8<sup>th</sup>.

Show hours: Saturday, March 14, 9:00 am to 5:00 pm. Sunday, March 15<sup>th</sup>, 9:30 to 4:00 pm.

The Klamath Rock & Arrowhead Club, its officers and appointees will not be responsible for any accident or loss that may occur to any exhibitor, his/her agent, or equipment at the show. Presentation of this ENTRY shall be deemed acceptance of this rule.

Exhibitor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

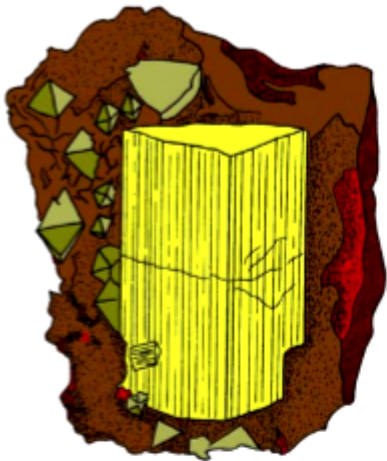
Are you a first time entrant \_\_\_\_\_ or a returning entrant \_\_\_\_\_?

Return application to: **Chuck Newnham**  
**4258 Altamont Dr**  
**Klamath Falls, OR 97603**

Please return application by **February 29, 2020**.

**Note: there is NO CHARGE for cases! We are happy to have you participate!**

Thank you Dan, from Mini Miners Monthly



## You Know You're a Serious Mineral Collector When ...

...you eat Ramen Noodles so you can afford to buy that Rhodochrosite crystal.

...your middle name is Quartz.

...you named your cat Tanzanite.

...you sleep on the couch because your bedroom is actually your own little mineral museum.

...you buy your wife a diamond crystal instead of a diamond ring.

...you know the chemical formula of tourmaline, without looking at a book.

...you want Santa to put rocks (and crystals and minerals) in your stocking.

...you know how to pronounce the name "Chalcedony."





From MINI MINERS MONTHLY

## Real or Fake: Find the Real Mineral Names

There are a bunch of mineral names below. Some are real mineral names. Some are made up (fake). Circle the real mineral names. Cross out the fake mineral names. There are 12 of each!

Atacamite  
Gummite  
Ankerite  
malazurite  
moonite  
Helmutwinklerite  
watertite  
noseite  
darrylpowellite  
granite  
leaverite  
Mixite  
bubblegummite  
floorite  
Bayldonite  
appetite  
Powellite  
Susannite  
Jamesonite  
Greenockite  
Prosperite  
hardite  
Brucite  
barryite

## March Birthstone

We probably used to think there was one "official" birthstone for each month. However, because the signs of the Zodiac span two months, that doubles them up. Additionally, there are a number of different traditions and religions with their own assigned birthstones, such as Ancient Hindu, Ayurvedic, Talismanic, Sun Sign/Star Sign, Planetary, Mystical, Ancient Italian, Polish, Roman, and so on. So it's up to your own preference or situation to pick one for that lovely gift, right?

Most commonly we have associated Aquamarine with the month of March. As the Pisces zodiac for March runs 2/20—3/20. Bloodstone follows in second place as it is a birthstone for both Pisces and for Aries, 3/21-4/19. The color for March is light blue, from the aquamarine mineral.

Aquamarine is a type of *beryl*...a transparent pale green, blue or yellow mineral consisting of a silicate of beryllium and aluminum. Emerald is also a form of beryl, as is Morganite (pink to orange-pink) and Heliodor (yellow or greenish yellow, sometimes incorrectly called a "yellow emerald".) The naturally occurring crystals are hexagonal and can be up to several feet in size! Beryl once served as the world's only important source for Beryllium metal, used to make specialty alloys light and strong. But in 1969, Spor Mountain Utah was discovered to contain Bertrandite and became the source for 80% of the world's beryllium supply.



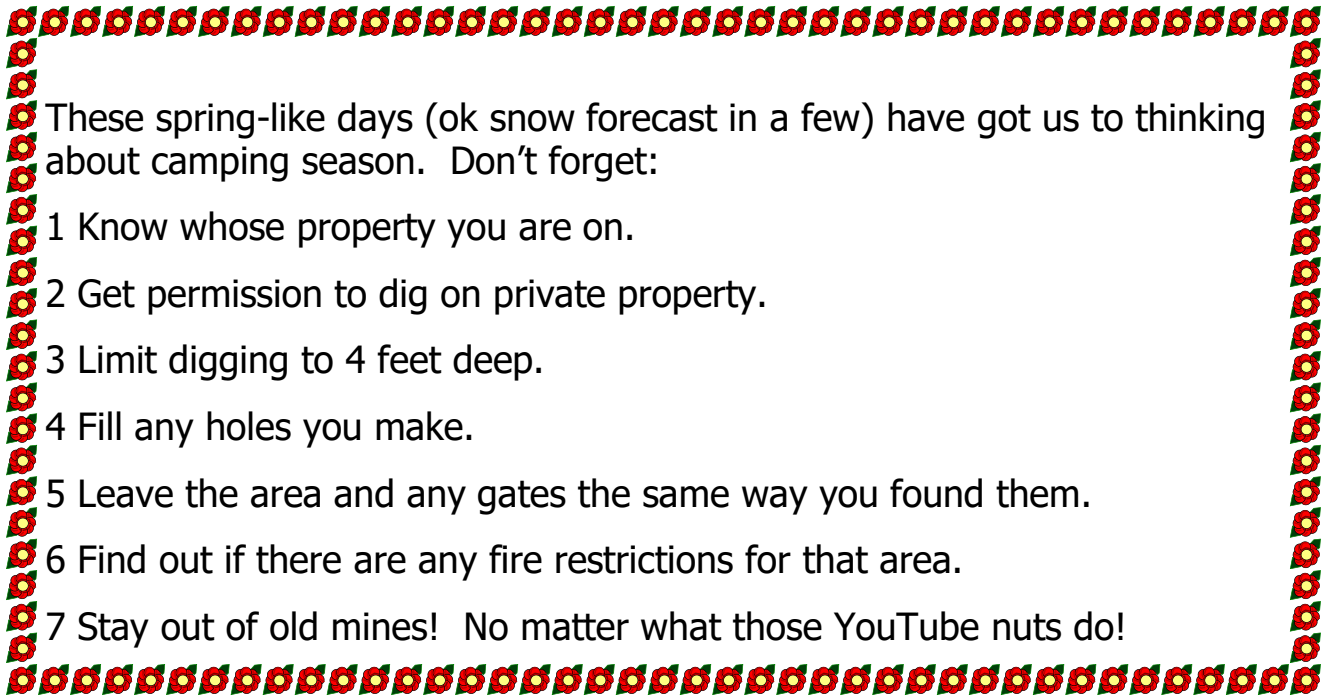
Who knew?  
Fascinating stuff.

This probably accounts for some of the desire for the mining industry to ruin our personal favorite Monument, Capitol Reef in Utah.

Ed.

**Beryllium Mirror:** Most beryllium is used to make specialty alloys. It gives the alloys lightness and strength. An interesting use of the metal is in the eighteen-segment mirror of the James Webb Space Telescope. The mirror must maintain a precise shape for high-quality images. Beryllium was used because of its very light weight and its ability to hold its shape across the wide range of temperatures that will be encountered by the satellite. Image by NASA.





**Show and pre-show schedule:**

**Thursday: pre set up— primarily electrical 1:30pm**

**Friday: full set up 9am Tables, cases, chairs All hands on deck as the vendors need their tables set up so they can get their areas ready. "Younger" backs greatly appreciated!**

**Saturday show hours: 9am - 5pm**

**Sunday show hours: 9:30am—4pm**



## Huge Rock Sale!!!

- Petrified Wood (from Umpqua drainage, powers east of gold beach)
- Thunder eggs ( lucky strike mine, west of Mitchell Oregon Ochoco mountains)
- Geodes ( lucky strike mine, west of Mitchell Oregon Ochoco mountains)
- Carnelian Agate (south Umpqua Tiller)
- Obsidian
- Variety of Jasper
- Variety of Agate & much more!



Sold by weight \$1.00 per pound (negotiable)

Please bring your own container

All Rocks must go!

Call David 541-892-0005 for more information



**IT'S SHOWTIME!**

**California**

**March**

6-7-8 Mineral & Gem Society of Castro Valley, Newark Pavilion, Newark, CA  
14-15 Mother Lode Mineral Society, Modesto Stanislaus Co Frgrds, Turlock, CA  
21-22 Santa Clara Valley Gem & Mineral Society, Santa Clara Frgrds, San Jose  
28-29 Calaveras Gem & Mineral Society, Calaveras Co Frgrds, Angels Camp, CA  
28-29 Roseville Rock Rollers Gem & Mineral Society, 'the Grounds', Roseville, CA

**April**

4-5 Paradise Gem & Mineral Society, Silver Dollar Frgrds, Chico, CA  
11-12 Mariposa Gem & Mineral Club, Mariposa Co Frgrds, Mariposa, CA

**Nevada**

Reno April 4-5, Reno Convention Center

**Oregon**

**March**

6-7 Tualatin Valley Gem Club, Natl Guard Armory, Forest Grove  
14-15 OUR SHOW!

**April**

4-5 Springfield Thunderegg Rock Club, Willamalane Adult Activity Cntr, Springfield  
4-5 Roxy Ann Gem & Mineral Society 65th annual, Jackson Co Frgrds, Central Point  
24-26 Rogue Gem & Geology Club, Josephine Co Frgrds, Grants Pass

**MAY**

16-17 Tall Man Rock Chippers Lake County Fairgrounds, Lakeview  
23-24 Oregon Coast Agate Club show National Guard Armory, Newport

**Idaho**

**March**

7-8 Magic Valley Gem & Mineral Show, Twin Falls Co Frgrds, Filer, ID  
7-8 Owyhee Gem & Mineral Society, O'Connor Fieldhouse, Caldwell

**Montana**

**MARCH**

3/14-15 NW Rock Chucks Mineral Show, Flathead Co Frgrds,

Kalispell

**MAY**

15-17 Bitterroot Gem & Mineral Show, Ravalli County  
Fairgrounds, Hamilton



**Editor's Corner**

This is not a weather report, just that spring is going to be in the air just as soon as the snow melts off the tulips. With luck we can hope March won't come in like a lion. Even if we can't get out to rock hunting you can get to the Klamath Rock Show at the Klamath County Fairgrounds. You will be seeing all kinds of rocks and all the vendors with their handy work specials. Everyone comes to see the collections put in the display cases and the chance to purchase some new rocks to take home. The show provides something for everyone. The kids can paint rocks and the adults can come and visit with old friends over a cup of coffee. When you purchase raffle tickets you don't have to be there as long you put your name and phone number on your tickets so we can call & tell you that you were a winner. Good Luck! See you at the show.

*Chris Chance, co-editor*

email [chancechristine66@gmail.com](mailto:chancechristine66@gmail.com)

Speaking of vendors and the show: last year you member/vendors and our other vendors donated an unprecedented number of wonderful items for the raffle case. Everyone leaving something on the table Friday night after Chris & I had departed did a great job of bagging & labeling their donations, without which we couldn't have properly credited or thanked you/them. Thank you in advance for another great effort this year.

We need big rocks, preferably with a corner sliced off to reveal the interior, for the Silent Auction. Big rocks are always a hit \$\$\$. The silent auction is hard work and is run by Kristin Sayles.

*Linda Stroope, co-editor*

email [stroopemail@gmail.com](mailto:stroopemail@gmail.com)