

Return Bulletins to:
Dusty Rocks
P.O. Box 1803
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



Dusty Rocks

**February
2020**

ROCK AND ARROWHEAD CLUB

P.O. BOX 1803

KLAMATH FALLS, OR 97601

www.klamathrockclub.org



DUSTY ROCKS

Rock and Arrowhead Club ~ Klamath Falls Oregon



Outgoing OFFICERS & EXECUTIVE BOARD

President: Doris Newnham
541-274-0580
4737 Alva Ave.
Klamath Falls OR, 97603

Vice President: Denise Hard
541-331-1378
3423 Altamont Dr.
Klamath Falls, OR 97603

Secretary/recorder: Kristin Sayles
541-539-1452
11597 Spring Lake Rd
Klamath Falls, OR 97603

Treasurer: Mike Hard
541-331-1378
3423 Altamont Dr.
Klamath Falls, OR 97603

NFMS Director: Kathi Milem
3333 Anderson #3
Klamath Falls, OR 97603

NFMS Delegate: Alyssa Carnes

Member @ Large: Leah Stump

www.klamathrockclub.org
Webmaster Denise Sebastian,
nicee1214@gmail.com

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 2nd 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.

All contents Copyright © 2013-2019 All rights reserved. No part of this document or the related files may be reproduced or transmitted in any form, by any means without the prior permission of the Rock and Arrowhead Club. Permission is hereby given to non-Commercial and not-for profit groups or persons to copy, forward or otherwise share this publication for educational and informational purposes.

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 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.

Table of Contents:	
Officers	pg 2
President's msg	pg 3
January Minutes	pg 4
2020 Meetings Treats List	pg 5
Spring Show Case application	pg 6
Word Search	pg 7
Astrology & Birthstones	pg 8
Editor's report	pg

Hello fellow rock hounds!



The snow is gone for just a little while so, lets see what we can find.

Our next show community meeting is February 6th at 6 PM.

I hope to see you all at the next regular meeting. We have a program of painting rocks for the show this month.

Lets see if we can have more volunteers for our March show. This years' theme is Red White & Blue.

I want to thank our past officers for their duties.

Thanks, Doris



Happy Birthday



- Lauralie Barrett
- Rob Burns
- Garwin Carlson
- Jacey Childs
- Shannon Childs
- Audrey Collins
- Marshall Curran
- Jimmy Lyons
- Barbara Massey

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

NEXT Regular Meeting

Monday Feb 10, 7pm

Treats by Leah Stump & Cheryl Lee

note:

March meeting BEFORE the spring show this year, a regular Monday meeting on 3/9. Show is 3/14-15.

Save the dates!

Spring show meetings– all 6pm @ the Museum

Feb 6 Feb 20 March 5 and Apr 16

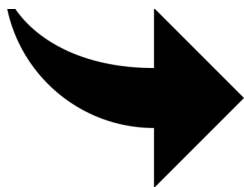
Denise Hard, show chair

541-331-1378

nicee1214@gmail.com

Big Spring Show! Pre set up & set up, 3/12 and 3/13/20. Show 3/14-15 2020

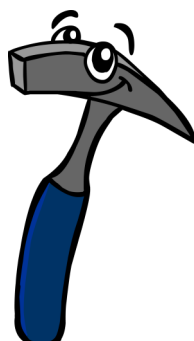




Note: a new biz item for the February meeting will be to choose the charity for March Show. We've had the horse rescue for the past two years and the committee would like nominations for a new one for 2020.

Rock and Arrowhead Club Minutes for January 13th 2020

1. Meeting called to order: 7:04
2. Pledge of Allegiance
3. Guests: No
4. Ticket Pull: Kurt Phillips , Peggy, and Robert
5. Birthdays
6. Program : No
7. Treasurer Report: No
8. Sunshine report: Chis not feeling well
9. Webmaster report: Up to date and all current
10. Newsletter: No
11. Approve Minutes: Don Motioned, Denise Seconded Approved.
12. Member Field Trips:
 - a. Denise and Mike went to Quartzite and Oatman Az
 - b. Upcoming field trips there are other clubs that want to join.
 - c.
13. Spring Show:
 - a. Come to meeting on Thursday
 - b. Next meeting first Thursday of February
14. New Business:
 - a. There will be a change in our Business Account with Pacific Crest Federal Credit Union. Removed off the Rock and Arrowhead Club account with Pacific Crest FCU are Laura Limb, Leah Stump, and Robert Stroope. After a unanimous vote by club members, the following are added: Doris Newnham, Denise Hard, Michael Hard and they shall be the new signers on the Rock and Arrowhead Club's Account with Pacific Crest FCU.
15. Federation Report: Next show April in Ogden Ut
16. Meeting adjourned





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

Klamath Rock and Arrowhead Club Gem and Mineral Show

2020 Show Theme: RED, WHITE & BLUE

March 14th & 15th, 2020

Main Exhibit Building
Klamath County Fairgrounds
3531 6th 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 13th 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 8th.

Show hours: Saturday, March 14, 9:00 am to 5:00 pm. Sunday, March 15th, 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!

From MINI MINERS MONTHLY

Crystallography Word Search Puzzle

Here's a word search featuring words related to crystals and crystallography. Crystallography is a difficult science. It involves mineralogy, mathematics, angles, relationships of forms, and much more. And the words in crystallography are tongue-twisters! Here are some of those words so you can learn to pronounce them. Then you can look them up if you want to. Some day you may be an expert crystallographer!

S	T	W	I	N	L	A	N	O	G	A	X	E	H	T
R	C	P	O	I	U	L	A	N	O	G	I	R	T	R
H	U	A	D	A	N	M	S	I	R	P	S	N	T	A
O	B	X	L	R	H	O	M	B	A	Y	O	G	N	P
M	E	I	T	E	M	O	M	D	F	R	M	X	O	E
B	V	S	D	W	N	J	I	Y	D	A	E	T	R	Z
O	C	R	Y	S	T	O	P	E	W	M	T	E	D	O
H	C	I	B	U	C	Z	H	K	O	I	R	T	E	H
E	L	G	N	A	S	A	Q	E	L	D	I	R	H	E
D	N	M	N	I	T	W	O	W	D	P	C	A	O	D
R	Y	I	Z	C	R	Y	S	T	A	R	T	G	T	R
O	P	X	O	L	A	T	T	I	C	E	O	O	I	O
N	D	O	D	E	C	A	H	E	D	R	O	N	R	N
T	E	T	R	A	H	E	D	R	O	N	B	A	Y	U
H	A	P	C	I	N	I	L	C	I	R	T	L	P	U

Triclinic, Tetragonal, Lattice, Axis, Angle, Twin, Rhomb, Isometric, Hexagonal, Trigonal, Tetrahedron, Scalenohedron, Pyritohedron, Cube, Cubic, Dodecahedron, Octahedron, Trapezohedron, Pinacoid, Prism, Pyramid, Rhombohedron



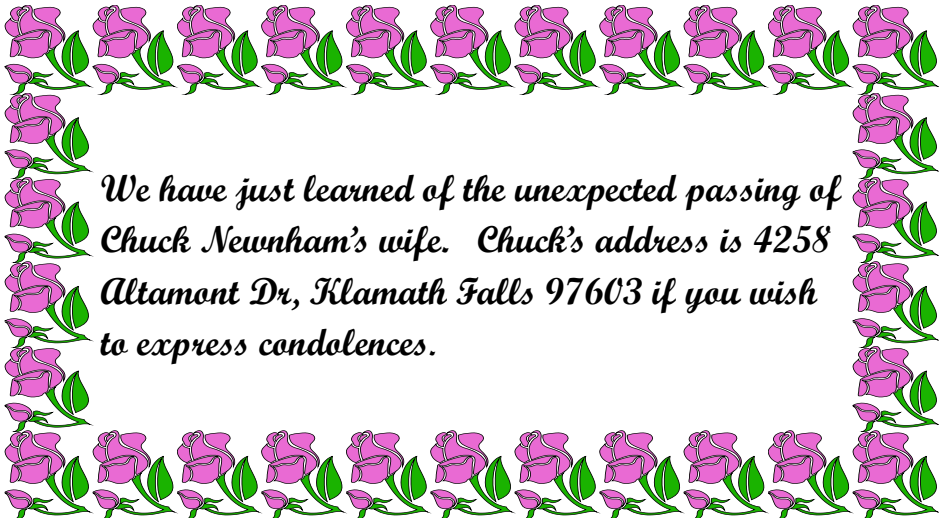
February Birthstone

The gemstone representing the month of February is the Amethyst. It is also a representative of the Zodiac stone for the constellation of Pisces. Amethyst is a variation of quartz and is identified by its long, prismatic crystals. These crystals have six sides at each end that can only show their color at the tips. Though it can come in many shades, it is only identified as the color purple. Depending on where they originate, this gemstone is unique to its region and the mine from which it came. Amethyst has been found in Mexico, Brazil, Namibia, Zambia and is also mined in the US from N Carolina and Maine.

The name "amethyst" is Greek for "not drunken" and was believed that it would deter the effect of drinking alcohol in excess. Thus, it symbolizes sobriety. Greek mythology tells us that Dionysus, the god of intoxication, had one day been outraged by an insult from a mortal and created tigers to exact revenge upon the unfortunate fellow. Amethyst, a young maiden who was on her way to pay tribute to the goddess Diana, encountered Diana herself in her path who turned a statue into a crystalline quartz which somehow was supposed to protect young Amethyst from the danger of Dionysus and his tigers. At the sight of the beautiful stone the girl shed tears of wine, staining the quartz statue purple. Thus was born Amethyst, the gem stone.

The color purple has long been associated with royalty, making this stone noble enough to have been worn by powerful monarchs. They are inlaid on the British Crown Jewels, were beloved by Egyptian Royalty and also by Catherine the Great. Amethyst is also a symbol of calmness and tranquility (ie, not drunken!).

The February birthstone of amethyst is also referred to as the "stone of lovers" and is the stone of St. Valentine, who is told to have always worn it. During the days of romance and chivalry, an amethyst in the shape of a heart was a symbol of great passion and love that would be enjoyed by a couple for their entire lives.



*We have just learned of the unexpected passing of
Chuck Neunham's wife. Chuck's address is 4258
Altamont Dr., Klamath Falls 97603 if you wish
to express condolences.*

There may be some fine tuning to follow, but isn't the show flyer pretty this year? (Sorry you snail mail folks can't see it—it's red to blue and back to red again, an ombre effect). Great job!



**34th Annual
Rock, Gem, Mineral
& Fossil Show**

March 14th & 15th 2020
Klamath County Fairgrounds
Saturday 9am—5pm
Sunday 9:30am—4pm

Donation \$2.00
Kids Under 12 Free

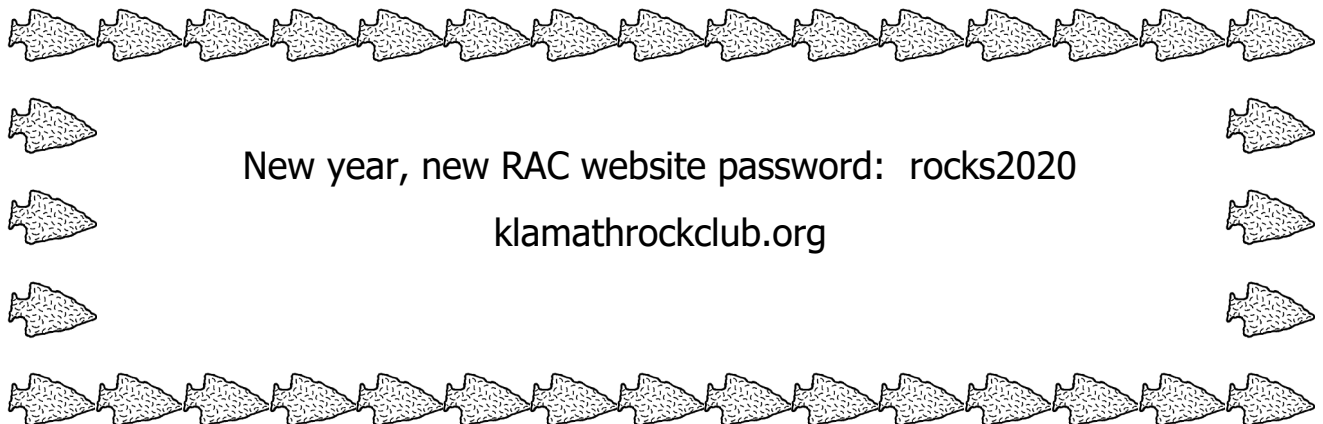
www.klamathrockclub.org
Basinlife.com

Red, White and Blue!

Show Theme

- Fine Jewelry, Jewelry Making Tools & Supplies
- Gemstones, Minerals & Fossils
- Rocks: Cut, slab, polished and rough
- One of a Kind Artwork
- Take Part in : Silent Auction, Gold Panning
- Kids Activities:
 - “Wheel of Fortune”
 - “Toddler Treasure Sand box”
 - “Klamath Rocks”
- Fluorescent Mineral Display
- Hourly Door Prizes
- Raffle Drawings
- Food Concession by: **Keno Lions Club**
- Demonstrations
 - Thunderegg Cutting
 - Arrowhead Knapping
 - Silversmithing
 - Wire Wrapping
 - Rock Painting
 - Sphere Making

Identify your Gemstones with Gemologist— Dr Mark Kochever



Thanks, Jim McClure!

He's called the "maintenance technician" but that doesn't really describe every thing Jim does for our Klamath County Museum. Jim, a former building contractor, came to Klamath Falls in 2012. A self-proclaimed history buff, the museum became a new home for Jim, who was seeking both a geographic change of scenery and variety. We're thanking Jim because it was he who was responsible for the creation of the structures that became the Rock Cave in the Museum, housing 300+ objects, most of which was donated by RAC members.

Do stop by and take a look—it's probably been awhile since you've been over to the "other side" of the Museum!.

More than a day trip, but.... (about a 7 hour drive by car, more with an RV)

Have you ever been to Bowling Ball Beach in Mendocino? More specifically, 3 miles south of Point Arena on the Mendocino South Coast where Schooner Gulch Road intersects Hwy 1. There is a small parking area with two trailheads, the north one leading to Bowling Ball Beach. Unfortunately, it sounds like something of a scramble to get from the path onto the beach. With California's finances, it's not surprising the trail may not be well maintained.

The cliffs display sandstone layers with extreme uplift—formerly flat layers now almost vertical. This sandstone does contain some fossilized bone but the cliffs aren't stable and are best not explored. There's good activity in the tidepools and reportedly a lot of seabirds, so a good place to take the kids.

But the Bowling Balls, sandstone concretions, are the show stoppers.



The famous "bowling ball" concretions at Bowling Ball Beach

IT'S SHOWTIME!

California

February

15-17 Antioch Lapidary Club, Contra Costa Fairgrounds, Antioch, CA

22-23 Vallejo Gem 7 Mineral Society, Solano Co Fairgrounds, Vallejo, CA

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

February

29th Mystery Mineral Day @ the Rice Museum, Hillsboro

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

Idaho

February

22-23 Idaho Gem Club, Glenwood Expo Idaho, Boise

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

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

How great is this logo!



Editor's Corner

The Klamath County Museum will be having a Leap Year Celebration in honor of Miss Sadie Hawkins. If you aren't familiar with her, we have the comic strip Li'l Abner by Al Capp to thank. It was first published in 1934 and ran until 1977. The Nov 15, 1936 strip focused on Hekzebiah Hawkins of the mythical town of Dogpatch who was worried his daughter Sadie wouldn't be able to find a good enough husband. Hekzebiah organized the first "Sadie Hawkins Day" on February 29, 1937, a leap year which has become an American folk tradition. On this day, unmarried women were "allowed" to propose marriage to the boys. Today, it usually represents girls asking boys to a Sadie Hawkins Dance.... It is celebrated in literally thousands of schools and other venues, country-wide, but of course the practice of women not being able to ask men out is outdated. It's just a fun excuse to dress up and have a dance. Also Leap Year affected your birthday since it only comes every 4 years.

Klamath County started to celebrate Leap Year on Feb. 29 2008 and we will continue the annual celebration as long as we have friends and neighbors to come together. The title of this years Leap Year's get together will be "Bloopers and Blunders" held in the Klamath County Museum. We will have both entertainment and refreshments. To go along with the theme we will have fake pizza, a hit the first year and more. There will be old fashion cookies for those with a sweet tooth.

The place will be the Klamath County Museum at 7pm. Their phone number is 541-882 -1000.

Don't forget the Annual Rock and Arrowhead Show at the Klamath County Fairgrounds, March 14 9-5 and Sunday 15, 9:30 to 4 pm.

Christine Chance, co-editor chancechristine66@gmail.com

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.

Chris & I will again be manning, er, womaning? ...in charge of the Raffle case at the March Show. Look around now and see if you have something wonderful to donate to the case. We did really well last year and had an unprecedented number of donations for which the club was very grateful!

Linda Stroope, co-editor emailstroopemail@gmail.com