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OFFICERS & EXECUTIVE BOARD



DUSTY ROCKS

Rock and Arrowhead Club ~ Klamath Falls Oregon



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

Vice President: Kristin Sayles, 541-539-1452, 11597 Spring Lake Rd, Klamath Falls, OR 97603

Secretary/recorder: Cheryl Lee, 503-867-4112, 2226 Applegate Ave, Klamath Falls, OR 97601

Treasurer: Robert Stroope, 541-539-9599
10072 Westbrook Dr, Klamath Falls, OR 97603

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

NFMS Delegate: Alyssa Carnes

Member @ Large: Marvin Stump

The club mailing address is:

PO Box 1803, Klamath Falls OR 97601
www.klamathrockclub.org

nicee1214@gmail.com Send your items for sale, photos, adventures, etc that you would like to appear on the website.
Webmaster Denise Sebastian.

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**

Visitors are cordially invited to all meetings. To join:

Dues are \$13.50 per year per adult (\$25 for families plus \$1 per child), \$7.50 ages 16-18

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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Committee Chairs

- Sunshine.....Chris Chance
- Program.....Kristin Sayles
- Greeter/Door Prize.....
- Refreshments.....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.....Laura Limb
- Publisher/ Webmaster.....Denise Sebastian

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

Please e-mail mrsilas@ccountry.net 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
 Minutes pg4
 Show Update pg 5
 Graveyard Point Field Trip pg 6
 The Klamath Rockers! pg 7
 Rock House pg 8-9
 Display case app for the March Show pg 10
 Spotlight on... pg 11
 Keno Lyons pg 12
 Turquoise pgs 13-15
 Editor's report pg 16

From the President...

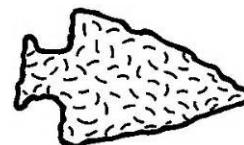
Fellow Rockhounds,

By the time you read this, we will be on the eve of having successfully presented our annual Rock and Arrowhead show. I want to thank all of the many volunteers that make this event a success. It is a wonderful time to rub shoulders with fellow rock hounds and old friends.

Rock on!!!!!!

Your President,

Laura Limb



Happy Birthday

- Sam Chance
- Mark Fisher
- Ellie Hart
- Ashley Wright
- Mark Wright

Please help us update the birthday list



NEXT MEETING:

For March only: TUESDAY March 13

7 pm

Treats: Mark Fisher

Coming up!!



Rock & Gem Show

March 10 & 11, 2018

Klamath Country Fairgrounds

It's Showtime!



philipmarin.info

Rock and Arrowhead Club
Klamath Museum - General Meeting Minutes
General Meeting Minutes of February 12, 2018, 7:00 pm

The meeting was called to order by President, Laura Limb, at 7:04 PM, followed by the salute to the flag.

Birthday greetings were expressed to all born in the month of February. There were 25 members in attendance. The lucky door prizes winners were: Jerry, Bruce and Darci

Welcome to guests: No guests

Sunshine Report: Chris Chance - not aware of any illnesses.

Review of January 8, 2017 minutes: Barbara Massey moved and Kristin Sayles second the motion to approve minutes as submitted. Motion carried.

Treasurer's Report: Leah Stump - gave account balance after income and expense adjustments.

Northwest Federation (NWF) Report: Kathi Milem - not in attendance. Nothing new to report.

Laura asked the question in regards to the Junior Program - "What needs to be done to get the younger generation involved?" There was some discussion. Laura asked the membership to think the question over and to submit ideas.

Newsletter: Chris Chance and Linda Stroope - no report or request given.

Webmaster Report: Denise Sebastian - website is broken and she is working on it.

March Rock Show: Marv Stump - Everything is in pretty good shape. Next meetings 2/15 & 3/1.

Club Member Field Trips: Peggy and LeRoy Bieler went to Yachats, OR, for agates; Laura Limb also went to the beach for agates; Mark dug his huge red rock out and brought it home, it will be on display at the Rock Show; Bob Wilson displayed some of his "rock" sculptures he made for "Winter Wings" - Fantastic!

Club Field Trips: Marv Stump - the following trips were discussed, but not finalized:

*Graveyard Point, OR, in May if weather is good. 380 mile trip, taking 2 days to get there, 3 to collect and 1-2 to return. Tom Endicott provided a map for everyone showing the plume agate mines, collecting is done on the slopes. Do not go if raining, asking to get stuck in the instant mud.

*Hampton Butte, OR, or Tuledad, NV, Memorial Day weekend.

*Yadenite, local, with Klamath Museum, 4th Saturday of July - pending confirmation.

Old Business: *Executive Board Meeting postponed until after the Rock Show.

New Business: None at this time.

Refreshments were provided by: Ken & Marolyn Davis with Debbie Curran bringing in cupcakes for Marshall's 80th birthday. Thank you everyone and it was special to share Marshall's 80th birthday.

**March refreshment will be provide by Mark Fisher.

Program: Tommy Wells shared some fossil samples found around the OIT area. Marshall Curran gave some very helpful hints and websites to visit for setting up a rock show display case.

Meeting adjourned: 7:50 PM

Next meeting: TUESDAY, March 13, 2018, 7:00 PM

Respectfully submitted by
Cheryl Lee, Secretary/Recorder



2018 ROCK SHOW UPDATE

By Marv Stump

The 2018 Rock Show is ready to Rock!!! There have been plus or minus 15 members working on it starting in November, meeting every two weeks. There are a few items that still need to be fine tuned, but nothing major.

One thing that we will **need is to have as many members as possible** show up at 9:00 am on Friday morning prior to the show to set up tables (over 100) and chairs, place skirting and covers on the tables, set up display cases, help dealers and demonstrators set up, and other incidental things that need to be done.

★ **Don't forget: Friday night spaghetti feed after setup for members & families. Sunday a.m. \$5 breakfast by the Keno Lyons club.**

Night security will be Chuck Newnham and John Church Friday night, and Don Perryman and John Church Saturday night.

Front door schedule is as follows:

Saturday:	9 am to 11 am	Marolyn Davis & Art Dillard
	11 am to 1 pm	Marv Stump & Robert Stroope
	1 pm to 3 pm	Leah Stump & Don Perryman
	3 pm to 5 pm	Jerry and Averil Anderson
Sunday:	9:30 am to 12 pm	Marolyn Davis & Peggy Bieler
	12 pm to 2 pm	Barbara Massey & Robert Stroope
	2 pm to 4 pm	Jerry and Averil Anderson

Sunday evening right after the show closes, **we will again need as many members as possible** to help clean up, including helping dealers carry items to their vehicles. Display cases and other club items will need to be taken apart and put in the club trailer. The room needs to be as clean as it was Friday morning when we set up, so all garbage needs to be in garbage cans and the floor swept. When everything is completed, the club buys pizza at Willy's Pizzeria, located across from the Dairy Queen. Everyone is responsible for their own drinks.

One other thing, the club's regular March meeting will be the Tuesday, not Monday, after the show.

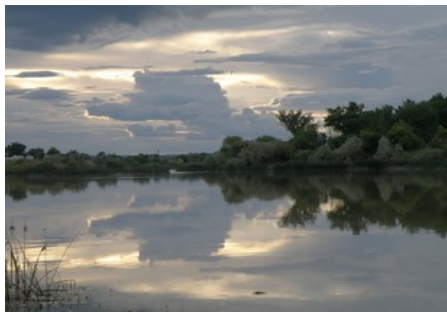
That's it folks, let's have fun and have a great show!!!!

GRAVEYARD POINT FIELD TRIP

By Marv Stump

At the February meeting, we talked about a field trip to Graveyard point in May to collect some fantastic agate. Graveyard Point is approximately 380 miles from K. Falls., located in extreme eastern Oregon about seven miles westerly of Homedale, Idaho. A tentative schedule would be to leave K. Falls a day or two after the May 14 regular monthly meeting. On the first day we would travel to Burns, about half-way to Graveyard Point, via Hwy 97 north, across the Silver Lake Road, through Christmas Valley to Hwy 395 and on to Burns. The Burns RV park is on the NE side of town on Hwy 20/395. If we get there early enough, Tom would take the group to some close by rock hounding spot. The second day we would proceed on to Homedale, Idaho, via Hwy 20 to the Snake River RV Park, approximately 3 hours.

The RV Park is located 1 mile off of Highway 395 just south of Homedale. The Park has electric, water, and sewer, and you park on grass next to the Snake River. The address is 4030 River Resort Drive, Homedale, Idaho 83626. Phone is 208 337-3744, email is info@snakeriverrv.com. The regular rate is \$35 per day + ID tax. Folks over 60 receive a discount and it costs \$30 per day. Discounts also available for AAA and Good Sam Club. Weekly rates are also available. Check the Park out on their website, pictures, reservation form and park information.



At the meeting a question was asked about motels in the area. Looking on the internet for the Homedale area, it showed one motel in Homedale called Sunnydale Motel. Looking at the ratings it would appear this is not a place most people would want to stay. However, if you put Homedale, Idaho, in the search engine of your computer, and then look at "HOTELS in 83628" (zip code) there are many motels in nearby towns. Following are the first two listed:

Best Western Plus Caldwell Inn & Suites. Ph 1-888-690-5247
From \$65 Reviews 4.5 out of 5
16 miles east of Homedale

La Quinta Inn. Ph 1-888-305-3366
From \$64 Reviews 3.5 out of 5
16 miles east of Homedale

There are many more listed, but are
farther from Homedale

There are many more listed, some closer but most are further from Homedale. More info in the next month or so.

The March 2018 show welcomes **KLAMATH ROCKERS** to the Kid's Corner. This is a strictly for fun group who are dedicated to keeping the true spirit of gifting, hunting, and occasional prizes. Make new friends, make new memories, and stay positive! RAC is very happy to have them join us this year.



Klamath Rockers welcome new members – just check them out on Facebook. There are rules, however, to keep things safe and FUN!

1. *Be nice.*
2. *Do not message admins about what others have done with their rocks. In other words, people are free to gift, trade, hide, transfer, give away, or have contests with their rocks.*
3. *Stay positive and maintain a positive outlook.*
4. *Please do not hide rocks inside a business without permission.*
5. *Please do not hide rocks in grassy areas where landscaping services (lawn mowers) would hit them.*
6. *They are rocks.*
7. *Refer to rule #1.*



By Lacey Jarrell



Obsidian, jasper, and petrified wood are just a few of the Eastern Oregon and Northern California geological markers that make up the walls of Rock House Brews.

The building at 2005 Bien St is a local landmark that recently opened as a coffeehouse. Inlaid within the building's walls are hundreds of pieces of amethyst, thunder eggs, agate, and other rocks from around the United States.

"It's incredible work," said longtime Rock and Arrowhead Club member Marshall Curran.

At a historical presentation about the building last month, Curran pointed out much of what visitors to the coffeehouse see is obsidian, a shiny volcanic glass. He said the obsidian likely came from the Medicine Lake area and Davis Creek in Northern California and an area east of Bend, Or, commonly known as Glass Buttes.

"That's one of the largest deposits of volcanic glass in the world," Curran said.

Klamath County Museum Manager Todd Kepple said he's always been curious about the rock house but even after extensive research, his curiosity has not been satisfied.

According to records Kepple found, the building's architect, John S. Cardoza, was born Dec. 8, 1894 in Portugal. A death notice at newspapers.com stated Cardoza died in 1961 at the age of 76.

Although Cardoza's name is built into a wall in the building, not that much is known about his existence.

"I thought, 'Wow, I'm going to be able to go back to the museum and look up everything on him and we'll have the mystery solved. It turned out not to be quite that easy," Kepple said.

For several decades throughout the 20th century, the Biehn St. rock building was a hotel and changed hands -- and names -- many times. Sisters Betty Miles and Earleen Lusby re-opened it in 2017 as the Rock House Brews coffeehouse.

Kepple pointed out that along with Cardoza's name "Built in 1941" is inlaid in the building's walls. Kepple does not believe the entire year. He said stories that reveal the property used to be Cardoza had been seen ing sawing and breaking



building was crafted in one have been handed down re-covered in loose rocks, and and heard outside the build-rock.

cont'd from pg 8

“He didn’t go for big pieces of rock. He used hundreds and hundreds of fairly small pieces of petrified wood and obsidian and other stones to build the place,” Kepple said. “It’s an amazing structure.”

In 1961, around the time that Cardoza’s health was presumably failing, Kepple said, a city inspector visited the rock house. Although the inspector was ready to condemn the building, the city allowed him to sell it.

“Apparently, the property be-survives,” he two years later, was advertised in News as the Motel, with daily and through the as the Four-5-6



somebody bought cause the building said, noting that in 1963 the building the Herald and “House of Rocks and weekly rates,” 70s, it was known Motel.

What is this? Who found it? Where? Is it as big as it looks? And did he injure himself in the process?

Come to the show and find out!



KLAMATH ROCK AND ARROWHEAD CLUB GEM AND MINERAL SHOW

2018 Show Theme
Fun with Rocks
March 10 & 11, 2018
Main Exhibit Building
Klamath County Fairgrounds
3531 6th Street

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 Amount of Cases Needed: _____ (one 8' case please call to check if available)

I am Bringing My Own Case: _____ Total Amount 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 & Liners.

Setup time starts Friday March 10th from 10:00 am to 8:00 pm.

Displays need to be completed & ready for show to open at 9:00 am Saturday March 11h.

Show Hours are Saturday, March 11h 9:00 am to 5:00pm. Sunday, March 12th 9:30 am to 4:00pm.

The Klamath Rock & Arrowhead Club, its officers and appointee will not be responsible for any accident of 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 to: Denise Sebastian
PO BOX 1803
Klamath Falls, Or. 97601

Please return by February 28th, 2018. For more information call Denise @ 541 331 1378 or Email nicee1214@gmail.com



Spotlight on LeRoy Bieler

While not actually a rock hound himself (it's wife Peggy who's the artist and crafty one), LeRoy is a critical component of the success of the RAC March shows....he is a Master Electrician and leads the volunteer crew each year, setting up the wiring so each vendor has what they need in terms of electrical connections. While semi-retired, LeRoy does maintain his professional licensing.

A local kid, LeRoy was born in 1941 and attended schools in Bonanza. His first "formal" training came after Boot Camp in San Diego, after which he joined the Marine Air Wing as an aircraft electrician. Postings included Camp Pendleton, Memphis TN and in Jacksonville, FL.

In 1963 he returned to Klamath Falls and entered the IBEW union program here in town. Marriage to Peggy soon followed in 1965 and they started their family thereafter. LeRoy worked for a number of contractors but principally for Winema Electric—over 30 years, in fact. However, as we all know, the local economy has had it's share of peaks & valleys, and Winema was large enough to bid out of town jobs. LeRoy often went on the road for these jobs, sometimes for months at a time, in order to provide for the family. It takes a special wife to deal with that.

Leroy said that he asked his son if he wanted to become an electrician but the answer was 'no'. The OIT. However, about a year into his initial course of career, while inter-what his father had done for *his* family extremely hard, he'd better IBEW program, himself!



becoming a union electrician held any interest for young man wanted to pursue another career at those studies, this young man realized that his interesting to him, wouldn't pay enough to accomplish it. The son proclaimed that if he was going to darn well get paid for doing so and joined the

Leroy always responds to any shout out for help the club makes and is definitely a super nice fellow to be around. We are fortunate to have him *and* his skills as a part of RAC.





- *Who are the Keno Lyons?
- *What does their club do?
- *Why are we spotlighting them in the RAC newsletter?

Because they operate a great food concession for us & the attendees at the annual RAC March show and at the same time, make a little money for some *very* worthwhile causes they support. We should support them with as many purchases as possible, in addition to the usual dinner & breakfast they put on for us & the vendors.

The Keno club was established in June, 1978 with the main focus of all Lyons Club chapters: sight, hearing and diabetes education & awareness. Glasses and hearing aids are provided for those of all ages who cannot provide for themselves. Every year vision screening is done for all local City & County schools, including private schools, including Dorris, Lakeview & Gilchrist. Their major annual blowout party & fundraiser is the last Friday in July at the Keno Fire Hall: *Steak & Rocky Mountain Oysters*.

The Keno club provides a renewable scholarship to a Keno senior each year, does a large Easter Egg hunt, provides both Thanksgiving and Christmas baskets to the needy and to the Veteran's Enrichment Center (VEC). (The VEC provides transitional housing to local homeless and at-risk vets, housing 18-20 vets per month.)

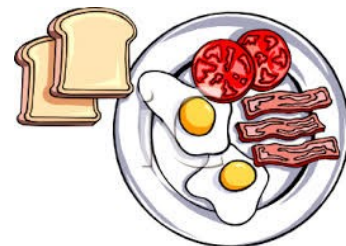
How did they get into the catering business, anyway? Old time members Bud & Ruth Spillar were restaurant owners so catering came naturally. The Keno Lyons have been doing the food concession at the March show for at least 15 years.



The Lyons are helping us by providing a quality food concession and we are very fortunate to be able to help the Lyons' causes by having them at our show.

It truly is a win-win situation for both of our clubs!

Thanks to Kathy Hiatt, Keno Lyons Club, for her time for this interview Ed.



Don't forget that in addition to the regular concession, the Keno Lyons will be providing a Saturday pm dinner and Sunday a.m. \$5 breakfast

Turquoise Real? Natural? Fake? Imitation? Stabilized?

What do these terms mean and what should they mean to *us*, as rock & gem collectors; creators and buyers of jewelry?

Natural: the mined, true turquoise gemstone. Can be solid in texture and color or include webs of matrix, the host rock. Colors vary from light blue to green to deep turquoise. There should be a certificate of authenticity when buying jewelry. Moh's hardness of 5-6.

Most of the lower priced stones, beads or finished jewelry the average buyer sees *is NOT* natural turquoise.

Don't use the word "real" when talking to a vendor – 'real' might simply mean "is it real rock", not real turquoise. "Natural" is the correct term. It's probably a real *rock*....but just something dyed to *look like* turquoise. (refer to "imitation" below)

Stabilized: This refers to the grinding up of pieces of turquoise unusable for cut stones that can be mixed with polymers to create an attractive, workable piece of stone or even blocks of material used in a variety of artistic applications.

Fake: not a useful term when buying.

Imitation is a more appropriate term and can refer to other stones dyed to imitate turquoise (such as howlite) or even glass or composites and plastics. Howlite is much softer with a Moh's hardness of only 3 ½, by comparison. Howlite just looks like white turquoise, matrix & all. It's also frequently used to create imitation coral.

The point is: it only matters if the stone is misrepresented as natural when it is really imitation. Natural is very expensive and imitation very affordable. All the experts agree: "if you like it and know what it is you're buying, it doesn't matter if it's natural or imitation. Just be an educated buyer.

The Power of Blue

Why was turquoise so valued by the very early peoples of the Southwest? It's COLOR. Not the stone at all, but the color, according to Maxine McBrinn, Curator of Archeology at the Museum of Indian Arts & Culture in Santa Fe. When mines closed during WWI, the native artists turned to imported European glass. Because the color was the important component, they really weren't overly concerned about the material, itself. In many cultures the color is said to ward off evil. It wasn't until goods started being made for the tourist trade that the material, itself, became the focus. Native artists began recycling old turquoise stones into new pieces as natural turquoise became very hard to obtain.

Turquoise, cont'd

Fast forward to the 1950's-60's, when many mines were again working and natural stone began its heyday with artists, Native American and others. That continued until the 70's, when again, mines closed and quality natural material become more & more rare. At the same time, popularity began to soar as prices climbed and red carpet starts made it visible to a new audience. The rise of pinkish gold further increased the use of turquoise, complimenting the gold settings.

Prices have become so high for natural stone, that it's no wonder imitations made from howlite or stabilized materials have become popular. Rub the back of a suspect piece with a Q tip dipped in acetone (fingernail polish). If dyed, the blue will rub off. But it's STILL a real stone and if beautiful and affordable and not misrepresented as 'natural', then what does it matter? Plastic is warm to the touch, melts with heat and is, well, *plastic*. And it scratches easily.

Turquoise, itself, is actually recognized by mine and the mines, themselves, are graded. The biggest names are Bisbee (not mined since 1974), Lander Blue (rarest), Nevada Blue, Candelaria, Morenci, Kingman, Royston, Pilot Mountain, Fox, #8 and several others. Turquoise experts can ID the mine of origin just by looking at the stone.

Today, a handful of mines are still operating and there is a large influx of stone from Iran. It has been mined there for over 5000 years. The location of origin does not determine value, but the quality of the stone, itself. Pure color? Matrix or not? Dark color or pale? Supply and demand, as in all things.



Lander Blue, discovered in 1973 by Battle Mountain blackjack dealer Rita Hapgood

Indian Mountain no production in over 20 years.





Bisbee, last mined in 1974. Any turquoise sold as 'classic Bisbee' had to have been mined in 1974 or prior.

Morenci, SE AZ not mined since the 80's but the owners sons hold a large stash that is released a bit at a time every year. A highly valued and difficult to obtain turquoise.



Royston, near Tonopah, NV Considered active, but very small. Colors are vivid greens to turquoise

Information for this article has been gleaned from on line lectures by Joe Dan Lowry, curator of the Turquoise Museum, Wayne Bobrick from Wrights in Albuquerque and Maxine McBrinn, Curator of Archeology at the Museum of Indian Arts & Culture in Santa Fe.

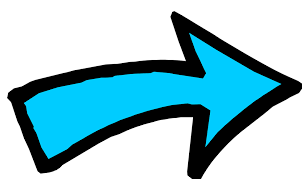
Editor's Corner

As co-editor, I am enjoying all the research to make our newsletter something of interest to all our members. We welcome your questions, comments and corrections on your newsletter. We hope to get all the facts straight and try to back up all we publish. Keep in touch and help us to do a good job for you all.

Chris Chance co-editor Dusty Rocks chrischance38@msn.com

A special thanks this month to contributor Lacey Jarrell for her piece on the Rock House. We hope that more & more of you will be able to obtain your newsletters on line, in order to better enjoy in color the increased number of photos and illustrations we've included now and in the

future *Linda Stroope* co-editor Dusty Rocks stroopemail@gmail.com



Members, do you have an item you could donate to the show's raffle case? Anything that might be of interest to the raffle-ticket-buying public would be welcomed. This is a good fundraiser for the club. Please bring it to the raffle case area Friday or Saturday. *Chris & Linda*

Upcoming shows:

- Sweet Home Rock & Mineral Society 3/31/18
Sweet Home HS gym, 1641 Long Street, Sweet Home, OR
- Springfield Thunderegg Rock Club Show 4/7/18
Goshen Grange, 85628 Dillard Access Rd, Eugene, OR
- Willamette Agate & Mineral Society 4/13/18
Polk Co Fairgrounds, 520 S Pacific Hwy W, Rickreal, OR
- Mt Hood Rock Club Mineral Show 4/27/18
Jackson Armory at 6255 NE Comfort Dr, Portland, OR
- Rogue Gem & Geology Club 4/27/18
Josephine Co Fairgrounds, 1451 Fairgrounds Rd, Grants Pass, OR
- Umpqua Gem & Mineral Club 5/5/18

That's all folks!