

Return Bulletins to:
Dusty Rocks
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OFFICERS & EXECUTIVE BOARD



DUSTY ROCKS

Rock and Arrowhead Club ~ Klamath Falls Oregon



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NFMS Delegate: Alyssa Carnes

Member @ Large: Marvin Stump

The club mailing address is:

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Committee Chairs

- Sunshine.....Chris Chance
- Program.....Doris Newnham
- 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.....
- Publisher/ 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

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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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

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& Linda Stroope 503-393-5025

**Visit Us At www.klamathrockclub.org
Please e-mail nicee1214@gmail.com to 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.

From the President...

Fellow Rockhounds,

I hope that your holidays were happy and prosperous. We are in preparation for our March rock show with the theme of "Fun with Rocks". We can always use volunteers for the various jobs that it takes to make our show one of the best in Oregon. It takes a small army to make it a smooth running event.

We welcome a new treasurer, Robert Stroope. He comes to us with experience and a willingness to engage in our club's executive committee. I am sure he will be a great asset to our club.

As this year begins, remember to love those that are close and remember those that have passed on. Last year was a nasty year for friends and family to pass away.

May this year be a year of fun and lots of rock hounding.

Your President,

Laura Limb

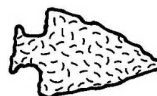


Table of Contents:

- Officers pg 2
- President's message & upcoming pg 3
- Minutes pg4-5
- 2017 Field Trips pg 6
- Spotlight on... pg 7
- Party pics! pg 8
- Geodes pg 9
- Monuments pg 10
- Display case application for the March Show pg 11

NEXT MEETING:

Tuesday January 12, 2018

7 pm

Treats: Chris & Sam Chance

Robert & Linda Stroope

Happy Birthday

Sam Chance

Ellie Hart

Please help us update the birthday list



Coming up!!

Rock & Gem Show

March 10 & 11, 2018

Klamath Country Fairgrounds



DUES REMINDER: if you've not paid for 2018 yet, please pay as soon as possible to continue receiving this newsletter.



phillipmartin.info

**Rock and Arrowhead Club
Klamath Museum - General Meeting Minutes
November 13, 2017, 7:00 pm**



Meeting called to order by President Laura Limb at 7:00 pm. Followed by pledge of allegiance to the flag, led by Laura.

Door Prizes: Chris, Ed and Mrs. Peterson were the lucky draws for the evening.

Guests: No guests present

30 members in attendance

Birthday wishes were express for all born in November

Minutes: Jerry Anderson moved and Averil Anderson second the motion. Minutes were approved as submitted.

Treasurer's Report: Leah Stump - reported on the expenses and income for the Arts and Craft Show and gave account balance.

Sunshine Report: Christine Chance - cards were circulated for signature, 1 for Kathi's birthday and 2 get wells for Cheryl Endicott and the Masseys.

Federation Report: Kathi Milem, out of town, no report

Newsletter: Lacey Jarrell, retiring - Round of applause giving for Lacey's three years as editor. It was discussed as to whether is was best to have a long distance or local editor with the decision made to stay with a local editor. Chris Chance and Linda Stroope will be co-editors for the newsletter starting with the January, 2018, edition. March Rock Show meetings will be posted in newsletter and on website.

Webmaster Report: Denise Sebastian - Password appears to not be working Denise is checking into the issue (rock2017).

Club member field trips: Northwest of Sheridan, WY, for crystals; trip to Granger Creek for limb castings; Glass Butte for rainbow obsidian

Club field trip: Marv Stump directed everyone's attention to the newsletter article on the six sided lava tube.

Fall Arts and Craft Show Report: Kristin Sayles - out of town - report given by Laura 42 vendors, steady attendance, overall vendors were happy, Coffee and Bake sale went well. Discussed changing name from Arts and Craft "Show" to bazaar or market. De-briefing meeting scheduled for December 21.

Dues are still due, if you haven't paid, please do so soon.

New Business:

LeRoy Bieler proposed that RAC pay Larry Phillips membership dues. Marv Stump seconded the motion. Motion carried.

Garwin Carlson will be making the "favors" for the March Rock Show Sat, 11/18/2017, and invited members to come and learn how it is done. Cont'd next page.....

**Rock and Arrowhead Club
Klamath Museum - General Meeting Minutes, continued.....
November 13, 2017, 7:00 pm**

Christmas Party - Saturday, December 16, 2017, Klamath Museum, 1:00 pm. Main course dishes of turkey, ham, mashed potatoes, yams and stuffing have been assigned. Side dishes, rolls and desserts will be need. Bring hot food in around noon. Don't forget a gift for the robber game and either a guy or gal gift for the exchange.

March Rock Show - 1st meeting November 16, 6:00 pm. Marv reported that he had 27 dealers and more on a waiting list. Theme is "Fun with Rocks" Don't forget, the show is a "TEAM EFFORT". Display case apps to be available at meeting.

Meeting was adjourned at 8:00 pm

Refreshments were leftovers from the Arts and Craft Bake sale

Program: Presented by Tommy Wells

Respectfully submitted by:

Cheryl Lee, Recorder

**showcase favor lesons at Garwin's studio
11/18/17**



Garwin
Carlson



New member
Mark Fisher



FIELD TRIPS IN REVIEW

2017

By Marv Stump

Our club had seven field trips in 2017. We started out **Memorial Weekend** at Hampton Butte, and for the first time in many years, the sun shined the whole time. Eleven members were there and dug many pounds of petrified wood (lots of green) just outside the camping area, within 150 feet of our camping spot(s). The County had graveled the last two miles of the road since the last time we were there. This now provides an all-weather road to the camping area.

A new field trip to **Rye Patch Reservoir, Nevada** (southwest of Winnemucca), was made June 16 – 19, this was a joint field trip with the Klamath Prospectors. Twelve hearty souls made this trip and camped at the campground at the south end of the reservoir, an oasis in the desert. The goal of the trip was to find gold or quartz crystals. For some both of these items were elusive, for others the gold was elusive, but a few crystals were found. ATV's and dirt bikes are a big advantage as they can roam the dessert without having to stay on a road. The showers at the campground were a welcome relief at the end of the day.

The fourth weekend in June was the annual outing to the **club's sunstone claims**. This trip was lightly attended but the weather was fine, and a few fine sunstones were found.

July 8 was the annual **Yadenite** outing sponsored by the Klamath County Museum, located just north of OIT. This is an outing for kids (and parents) to collect Yadenite that reportedly only occurs in this area on the planet. Plus or minus 100 folks showed up and lots of nice Yadenite was collected. This event lasts about 3 hours.

Lassen Creek is the biggest field trip of the year and occurs on the third weekend in July. This is the weekend for collecting obsidian needles, and obsidian in blue, pink, green, mahogany, and rainbow colors. Friday night is the bar-be-cue at the Davis Creek Store (this is a feast), and pot luck Saturday night at the campground to share the obsidian finds of the day.

Virgin Valley field trip occurred the third weekend in August. This is a fee dig for precious opal located at mines within the Sheldon Wildlife Refuge. Roaming and collecting is not permitted within the refuge. This is one of my favorite trips due to being able to look and collect opal with fire. See page 8 of the September newsletter for photos of precious opal.

Tuledad Canyon was the final field trip of the year, October 13 – 15. This is an area of agate primarily, but petrified wood can also be found in some locations. Seven of us brave souls made this trip and had a great time. The weather was cold at night but warmed up to shirt sleeve weather during the day. A nice campfire Saturday night was truly welcome and warming. Linda brought home a 200 plus pound of jasper that needed to come home with her. (Ed note: it was a gift for my best friend, ok?)

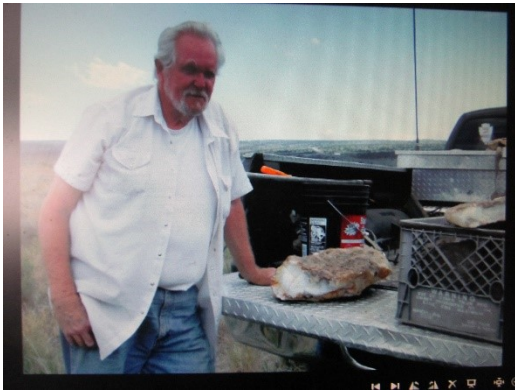
A side trip about ten miles easterly of the camping area is a place that large trees were covered by volcanic ash and petrified. Many of the trees were buried standing up, and many years ago industrious folks excavated some of these trees leaving holes in the ground up to 20-feet deep and one hole about 20 feet wide. BLM has put grates over two of these holes to keep animals and people from falling into them. Standing on the grates and looking into the holes gives a different prospective, interesting to look down.

And that is a capsule look at the years field trips.



Spotlight on Larry Phillips

Larry Phillips Larry is 77 years old and a member our Rock Club since 1998 even though he resides in Hydesville, Ca. just south of Eureka. Larry has made many friends in our own club, where he leads field trips and will gladly share his knowledge of rocks and where to find them. He considers Hampton Butte his favorite place to rock hunt.



Larry says he learned about rocks from books, hands on and from fellow Rock Hounds. Hunting for rocks is the most fun, with cutting and polishing coming in second. He loves to show & tell our new members all about rocks when asked and has for years, been a great resource to newer and older rock hounds. While out digging for geodes, Larry said it all: *“we are digging in virgin ground and we are the first to look upon these thunder eggs”*. Quite something when you stop & think about it.

In 2016 Larry suffered some medical problems and has not been able to enjoy his favorite sport, rock hounding with friends. As a club we will never be able to repay him for all the rocks and crafts he supplied to our Rock Show each year, especially at the silent auction table. Silent Auction is one of the money makers for our March show. RAC’s paying for his club dues for 2018 (see November meeting minutes) is a small gesture of thanks.

Chris Chance RAC member



Party Pics! December 16, 2017



Robber bingo was a blast!



GEODES!



What Is a Geode?

Geologists have long been challenged to explain how geodes, those mysterious spherical rocks, are formed. Geodes are a variable phenomenon, which means that they may be created in various different ways. The term geode is derived from the Greek word Geoides which means "earthlike."

A geode is a round rock which contains a hollow cavity lined with crystals. Rocks which are completely filled with small compact crystal formations such as agate, jasper or chalcedony are called nodules. The only difference between a geode and a nodule is that a geode has a hollow cavity, and a nodule is solid

How Are Geodes Created?

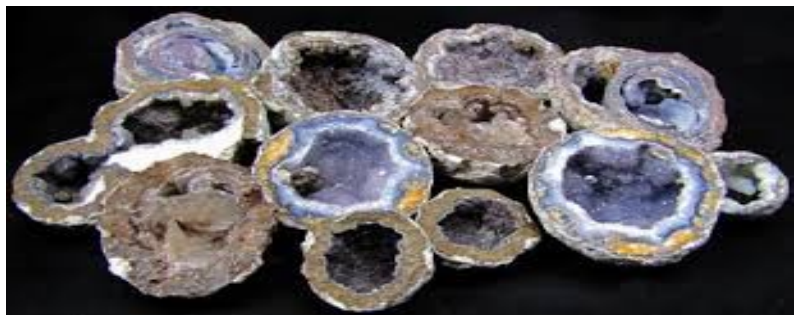
Geodes begin as bubbles in volcanic rock or as animal burrows, tree roots or mud balls in sedimentary rock. Over long time, (millions of years) the outer shell of the spherical shape hardens, and water containing silica precipitation forms on the inner walls of the hollow cavity within the geode. The silica precipitation can contain any variety of dissolved minerals, the most common being quartz, but amethyst and calcite are also found.

Layers of silica cool, forming crystals of different minerals within the cavity. Different types of silica cool at varying temperatures, thus creating layers of different types of mineral crystals.

Each geode is unique in its composition which can only be truly discovered when it is cracked open or cut with a rock saw. The size and formation of the crystals and different shades of color within the crystals make each geode special. The rough exterior of the geode gives no indication of the secrets held within its core. The anticipation never fades for those who curiously collect buckets full of round geodes and eagerly expose the secrets of each individual sphere-shaped rock. The most prized contain rare amethyst crystals or black calcite

Read more: <https://www.desertusa.com/desert-prospecting/geode>.

Next month's newsletter —highlighting the Dugway geode beds in Utah



Editor's note: Laura mentioned at least twice this past year the concerns we should all have about "monuments" legislation. I came across this article from the LA Times and spoke to the author. He said he had personally spoken with Diane Feinstein and others, who assured him *it was NOT the intent* of legislation presented to Congress prohibit us from our rock hounding fun. HOWEVER, as often occurs, once it got through committee, the wording protecting OUR needs was not preserved. Mr Sahagun said he'd received numerous [angry] calls from environmentalists who insisted that we rock hounds are not "evildoers" and they, too, were dismayed at the outcomes in Congress. The persons with whom Sahagun spoke agreed with Feinstein—it was never their intent to bar the hobbyist collectors. Thanks again, Congress., for a job not so well done I thought this article would be of interest to many of us LS

A lost gem? New Mojave Trails monument rules appear to bar rock hunting

Louis Sahagun Contact Reporter LA Times 5/7/16

President Obama's proclamation of a new national monument he designated in California's Mojave Desert has rock-hounds worried they are no longer welcome on public lands with a reputation for prime gem and mineral specimens.

The proclamation ensures public access for utilities, cattle ranching, hiking, camping, backpacking, hunting, fishing, rock climbing, bicycling, bird watching and other outdoor recreational activities in Mojave Trails National Monument, which encompasses 1.6 million acres of federal land along a 105-mile stretch of old Route 66 between Ludlow and Needles.

The one thing visitors apparently can't do in mineral hot spots, including Afton Canyon, the Cady Mountains and Lavic, is take a rock a home. That's because the proclamation does not include "rock hunting" as a desired use, and ends with an admonition: "Warning is hereby given to all unauthorized persons not to appropriate, injure, destroy, or remove any feature of the monument and not to locate or settle upon any of the lands thereof."

Now, members of California's relatively small and aging gem and mineral community fret that the loss of access to hunting grounds within a few hours' drive of Los Angeles could hasten the demise of hobbyists who for generations have ventured out into the desert with shovels, picks and hammers to collect agate, jasper, opal, chalcedony and quartz crystals for noncommercial purposes.

"It's an outrage and unfair that the only activity forbidden in this new national monument is our hobby," said Kim Erbe, a member of the board of directors of the California Federation of Mineralogical Societies Inc. "People have been **collecting rocks and minerals in that area for over a century.**"

Steve Duncan, a longtime member of the Searchers Gem & Mineral Society, is among those trying to make sense of it all.

"Before President Obama designated the new monument, Sen. Feinstein told me personally that she would ensure that rock collecting would be allowed in them," he said. "After the designation, when I asked her office why we'd been left out of the proclamation, they responded with a form letter."

To read the entire article, go to the Los Angeles Times website and google by title. This excerpt has been printed with their permission, as well as the author's. Clearly Laura is right and we must all be outspoken to our representatives about this problem when the opportunity presents itself.

KLAMATH ROCK AND ARROWHEAD CLUB GEM AND MINERAL SHOW

2018 Show Theme
Fun with Rocks
March 11 & 12 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