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**Dusty Rocks  
March  
2016**



**ROCK AND ARROWHEAD CLUB  
P.O. BOX 1803  
KLAMATH FALLS, OR 97601  
[www.klamathrockclub.org](http://www.klamathrockclub.org)**

# OFFICERS & EXECUTIVE BOARD

**President:** Allen Hart, 541-884-0935, 14014 Ravenwood Dr., Klamath Falls, 97601

**Vice President:** Thomas Endicott, 541-884-1402, 16414 Keno Worden Rd., Klamath Falls, 97603

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

**Treasurer:** Marolyn Davis, 541-882-4354, 3443 Lindberg St., Klamath Falls, 90601

**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.

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## 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

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

Please e-mail [nicee1214@gmail.com](mailto: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*

Club Members,

March is here and it's time for our annual rock show. Depending on when this newsletter gets out, it has already been a success. I want to thanks all those who have spent so much time making the event happen like clockwork. Hopefully many of you were able to spend some time helping or at least taking the family through the show.

Due to the show we will be having our next club meeting on Tuesday the 15th instead of the usual Monday the 14th.

Start thinking about this summer and where you would like to go for our club field trips. Nothing is out of bounds! The only sure bet is with Garwin and the sunstone trip, I assume in June.

Sincerely,  
Allen



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***Next meeting:*** April 11, 2016, @ 7 p.m.

We will have a special program featuring:  
To be announced

***March refreshments:*** Ken & Marolyn Davis



## Meeting Minutes for Feb. 8, 2016, 7 p.m.

The meeting was called to order by President Allen Hart at 7:02 p.m., followed by salute to the flag, led by Allen Hart.

February birthday greetings.

Attendance: 20 members.

Door Prizes: Three door prizes were drawn - Marvin Stump, Carol Barrett and Bruce Voit.

Welcome to guests: There were no guests.

Review of the minutes: Tabled to be reviewed during March meeting.

Treasurer's Report: Given by Marolyn Davis. Everyone was reminded that the reimbursements must have a receipt, with their name on it. Chris Chance moved that the report be accepted as given. Carol Barrett seconded the motion. Motion carried.

Northwestern Federation (NWF) Report: Kathi Milem had nothing new to report. She recommended the Albany, Ore., rock show on July 29-31 at the Linn County Fair and Expo Building, 3700 Knox Butte Rd. Hours are Friday and Saturday 10 a.m. to 6 p.m. and Sun. 10 a.m. to 4 p.m. Admission is \$4 per day; \$10 for a 3-day pass. Kids 12 and under get in free.

Upcoming shows:

- Feb. 12- 4: Oregon Agate and Mineral Society at OMSI in Portland.
- March 26-27: Sweet Home Rock and Mineral Society in Sweet Home, Ore.
- April 15-17: Willamette Agate and Mineral Society in Rickreall, Ore.

Sunshine Report: Chris Chance reported that she is now stocked up on cards and stamps, which will help her to do a better job.

2016 March Rock and Gem Show: Marv Stump reported there is still a need for volunteers and vendor slots are filling up. A case display application was enclosed in the January 2016 newsletter. All slots for the front door are filled. The next meeting is February 25 at 6 p.m. at the Klamath County Museum.

Webmaster Report: Laura Limb - no report. Membership list is now available on the website

Newsletter: No report

Bylaw change: No one had an opportunity to read the changes. Changes will be addressed during March meeting.

■ **! NOTICE !**

■ The Rock and Arrowhead March meeting will be held on a Tuesday!

■ The meeting will take place at  
 ■ 7 p.m., Tuesday, March 15, in the  
 ■ Klamath County Museum  
 ■ meeting room.

■ Club member field trips: None.

1. Oregon Rock Council membership - not members due to requirement that a member of club must attend the council meetings.
2. Sky Lakes Medical Center - requesting volunteers.
3. Roseburg Rock Show - application to participate available. See Allen Hart.

Program by Marshall Curran: Topic: Rock Identification and what to carry in your test kit.

Meeting Adjourned at 7:35 p.m. Moved by Leah Stump and seconded by Sam Chance. Motion carried.

Refreshments were provided by Chris & Sam Chance.

Refreshment sign-up sheet: We still need someone to sign up for July, September and November.

- March: Ken & Marolyn Davis
- April: Carlson/Curran
- May: Marv and Leah Stump
- June: Cheryl Lee
- **July: Open**
- August: Tom & Cheryl Endicott
- **September: Open**
- October: Denise & Laura
- **November: Open**
- December: Christmas Potluck

Respectfully submitted by  
 Cheryl Lee  
 Recorder



# To eat or not to eat...

Source: [www.huffingtonpost.com](http://www.huffingtonpost.com)



**R**achael Teufel, the owner of Intricate Icings Cake Design, created this amethyst geode wedding cake for a recent industry event celebrating the launch of event planning company First Look Events and wedding venue Moss Denver.

Worried that the cake looks too good to eat? Not so — it’s totally edible. The geode design is made from a combination of granulated sugar, rock candy, multicolored modeling chocolate, and the cake itself is covered in white fondant.

According to Teufel, in addition to several hours of planning, the cake took about 16 hands-on hours to create.

“I was given several pieces of inspiration to draw ideas from, including actual geodes, a beautiful illustration and a variety of table decor items like plates, chargers and geometric floral arrangements,” Teufel told The Huffington Post. “I knew I wanted to create a show-stopping cake and use the geode as the focal point, creating an awe-inspiring visual experience for the guests.”

## Trilobites

are are a fossil group of extinct marine arthropods that form the class Trilobita.

Trilobites form one of the earliest known groups of arthropods. Trilobite means three lobes. Trilobites had many lifestyles; some moved over the sea bed as predators, scavengers, or filter feeders, and some swam, feeding on plankton. Trilobites are always found in rocks containing fossils of other salt-water animals such as brachiopods, crinoids, and corals.

## Find trilobites at the Delta, Utah, U-Dig Fossil Site.

Source: [www.utahoutdooractivities.com/trilobitesudig.html](http://www.utahoutdooractivities.com/trilobitesudig.html)

U-Dig Fossils provides you with 40 acres of trilobite collecting. It is located about 52 miles west of Delta, Utah. The most common trilobite fossils found at this location are *Elrathia Kingi*, *Asaphiscus Wheeleri*, *Peronopsis Interstricta* (*Agnostus*), and the *Brachipod*. Less common trilobites can be found as well. The size of trilobite usually found is about an 1/8 inch to 2 inches long. Just recently a regular to the quarry found a rare trilobite named *Olenoides Nevadensis*, it is worth well over \$2,000. All found fossil are yours to keep.

U-Dig is open April through October, six days per week, 9 a.m. to 6 p.m. U-Dig is closed Sundays. Make sure you bring safety glasses to wear and gloves to protect your hands. U-Dig provides buckets for your collections and rock hammers, or you may bring your own if you would like.



Trilobite fossil

# Rockhounding

Submitted by Marv Stump

**W**hat is “Rockhounding?” Rockhounding is simply looking for and collecting rocks. Why collect rocks? Because rocks come in so many different forms and colors and can be polished and/or shaped into items of beauty. A person becomes easily addicted. Rock hounds can be found at craft fairs, gem and mineral shows, at the side of the road in potential collecting areas, campgrounds, and fairgrounds.

The process for becoming a rock hound is fairly simple and goes something like this: A rock is found that you like and you wonder what is inside. This leads to the purchase of a small saw and/or tumbler and then you realize that you need a little training to use both. Then you join a club where people show you how to cut and polish. Then you start making jewelry, learning about rocks, and start a collection. Then field trips to collect and learn more about rocks.

Club members have many places we visit annually to collect “rocks of value.” Members go as individuals or as a group. I need to mention up front that the word “arrowhead” in the club name stands for “knapping,” wherein members create their own rock tools, primarily from obsidian. It does not stand for collecting Indian artifacts. One of the most common rock tools crafted is a knife with a bone or wood handle.

Obsidian, what is it and where to find it? Obsidian is nature’s glass and can be clear, or colored black, blue, pink, rainbow, and mahogany. Collecting areas are located on national forest

land in the South Warner Mountains in the Davis Creek and Lassen Creek areas, or easterly of Bend at Obsidian Buttes. Permits are required for collecting for personal use at Davis and Lassen Creeks but not at Obsidian Buttes. Permits can be obtained free at the Davis Creek Store. Our club generally schedules a field trip for this area the middle of July each year. And, of course you need to take in the Friday evening barbecue at the Davis Creek Store. What a great feast!!!

**T**he obsidian can be “knapped” into tools, and the pink and rainbow can be turned into items of beauty by doming and polishing, or made into polished spheres.

Our club has several field trips a year for different materials, including sunstones, agate, petrified wood, and precious opal (fire opal). Sunstone is the official Oregon gem, and can be found about 25 miles north of Plush, Ore. Our club has three sunstone mining claims that are available to club members throughout the year. The club generally has a field trip to the claims in late June. The Bureau of Land Management (BLM) has an area consisting of 2,500 acres a few miles to the west of our claims that is open to the public for collecting.

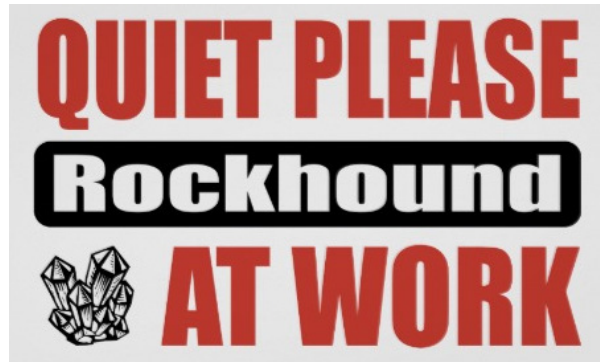
Sunstone is a transparent feldspar with colors ranging from clear (I know this is not a color), through pale yellow, soft pink, blood red, and extremely rare, deep blue and green. Many stones, when viewed in the right direction, will have a pink- to red-metallic flash from within the stone. This effect is called “schiller” and is caused by light reflecting from minute parallel metallic platelets suspended in the sunstone. Sunstones can be polished by tumbling, and if it’s a larger piece, can be faceted into rings and ear rings.

Agate and petrified wood can be found along the California-Nevada border 50 miles south of Cedarville. The agate is largely concentrated in Tulead Canyon in this area, but can be found over a much larger area. It comes in most of the colors of a rainbow and produces an outstanding polish. Some petrified wood can also be found in this area.

Easterly of Duck Lake is a petrified wood area where years and years ago, large standing petrified wood trees were removed. BLM has covered two of these large holes with grates that allow people to view the “treeless” holes from above. The largest hole is over 20 feet in diameter and at least that deep. The rock hounds who removed these trees were true hard rock miners.

The third weekend in August, a few members of the club head to Virgin Valley, Nevada, to hunt fire and precious opal. This is located about 90 miles easterly of Lakeview just south of Highway 140. These are all fee digs where a person pays the mine a fee to dig for opal. There are four mines

that provide material for digging. The cost for digging varies with each mine. Fresh material digging varies from \$180 to \$500 per day, and \$60 to \$75 per day for tailings. There is no guarantee that fire opal will be found, but club members have found some very nice specimens. There is a campground about 3 miles from Highway 140 with toilets, a naturally heated hot water shower and outdoor swimming pool fed by an artisan well. If interested do an Internet by search by typing in “Virgin Valley Opal,” this gives you a run down on all the mines.



“ You might be a rockhound if you own more pieces of quartz than underwear. ”

Source: [www.dirtyrockhounds.proboards.com](http://www.dirtyrockhounds.proboards.com)

# HAPPY BIRTHDAY!

- ✻ Sam Chance
- ✻ Roy Harris
- ✻ Ellie Hart
- ✻ Lacey Jarrell
- ✻ Mike Milem
- ✻ Eric Sweetwood
- ✻ Angela Thierolf

## Volunteer Schedule to work the door at the Rock Show

### Saturday

- 9 to 11 a.m.: Don Perryman and Marolyn Davis
- 11 a.m. to 1 p.m.: Allen Hart and Roy Nederbrock
- 1 p.m. to 3 p.m.: Cheryl Lee and Bruce Vait
- 3 p.m. to 5 p.m.: Ken Davis and Peggy Bieler

### Sunday

- 9:30 a.m. to noon: Cheryl Lee and Leah Stump
- Noon to 2 p.m.: Marv Stump and Marolyn Davis

## The Grinder

### SHOW DATES

**!!! Rock and Arrowhead Club Annual Show !!!** March 12-13 at the Klamath County Fairgrounds, 3531 South 6th St. Hours: Saturday, 9 a.m. to 5 p.m.; Sunday 10 a.m. to 4 p.m. Admission is \$2. Kids 12 and under get in free. Contact Marvin Stump at 541-882-8341.,

**Pleasanton, Calif., March 11-13:** Wholesale and retail show. Gem Faire Inc. at the Alameda County Fairgrounds, 4501 Pleasanton Ave. Hours are Friday noon to 6 p.m.; Saturday 10 a.m. to 6 p.m.; Sunday 10 a.m. to 5 p.m. Admission is \$7. Children under 11 get in free. Find fine jewelry, precious & semi-precious gemstones, millions of beads, crystals, gold & silver, minerals & much more at manufacturers' prices. Exhibitors from around the world will be on-site. Jewelry repair & cleaning while you shop. Free hourly door prizes. Contact Yooy Nelson by phone at 503-252-8300 or e-mail info@gemfaire.com. Website: www.gemfaire.com

**Hillsboro, Ore., March 11-13:** Tualatin Valley Rock & Gem Club, Washington County Fair Complex, 873 NE 34th Ave. Hours are Friday, Saturday and Sunday 10 a.m. to 5 p.m. Admission \$1. Children under 12 get in free. Find dealers, raffle prizes, door prizes, silent auction, demonstrations, display cases and a kid's corner and hands-on table. Contact Rose Jackson by phone at 503-349-7418 or e-mail ljeweledrose@gmail.com. Website: www.tvrgc.org.

**Turlock, Calif., March 12-13:** Mother Lode Mineral Society, Stanislaus Fairgrounds; 900 N Broadway. Hours: Saturday and Sunday 10 a.m. to 5 p.m. Admission is free for children. Find rocks, minerals, fossils, jewelry, beads, fluorescents and more. Learn to make beautiful jewelry out of natural rocks and gemstones from our demonstrators. Children's activities including making your own bracelet and carving soapstone. Contact Bud & Terry McMillin, 1717 Oakdale Rd. Ste O, Modesto, CA 95350. Phone 209-524-3494 or e-mail bud.mcmillin.b7yj@statefarm.com. Website: www.turlockgemshow.com.

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.



# March

## 2016

### March: Aquamarine

The name *aquamarine* is derived from the Latin word *aqua*, meaning water, and *marina*, meaning *the sea*. This gemstone was believed to protect sailors, as well as to guarantee safe voyage. The serene color of aquamarine is said to cool the temper, allowing the wearer to remain calm and levelheaded. Aquamarine is most often light in tone and ranges from greenish blue to blue-green. The color usually is more intense in larger stones. This gemstone is mined mainly in Brazil, but also is found in Nigeria, Madagascar, Zambia, Pakistan, and Mozambique.



Source: [www.americangemsociety.org/march-birthstones](http://www.americangemsociety.org/march-birthstones)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12 RAC Rock and Arrowhead Show
13 RAC Rock and Arrowhead Show Daylight savings begins	14	15 RAC March meeting, 7 p.m., at the Klamath County Museum	16	17	18	19
20 First day of spring	21	22	23	24	25	26
27 Easter	28	29	30	31		