

**Return Bulletins to:
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**Dusty Rocks
October
2016**



**ROCK AND ARROWHEAD CLUB
P.O. BOX 1803
KLAMATH FALLS, OR 97601
www.klamathrockclub.org**

OFFICERS & EXECUTIVE BOARD

President: Laura Limb, 541-273-7503

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

Lacey Jarrell: 541-401-4652
lacey.jarrell@gmail.com

Visit us at www.klamathrockclub.org

Please e-mail 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

Dear members,

Another year has gone by and the time for elections is here. Please consider volunteering for an open position. It is through our members that the club succeeds. We will have nominations in October and voting in November.

Dues are due at this time. Please refer to the second page in this newsletter for current dues.

Thank you for all your support this past few months and for supporting Alan in the past year and a half.

One last thought, please consider volunteering to help with set up or tear down at our Fall arts and crafts fair the first weekend in November at the Klamath County Fairgrounds.

Rock on!!!
Laura Limb

Table of Contents

Officers	Page 2
President's note	Page 3
Minutes	Page 4
Lassen Creek	Page 5
Elections	Page 6
Birthdays	Page 6
The Grinder	Page 6
Carbon minerals	Page 7



Next meeting: November 14, 2016, @ 7 p.m.

We will have a special program featuring:
To be announced

October refreshments: Kristin Sayles



Meeting Minutes for September 12, 2016, 7 p.m.

The meeting was called to order by ad interim President, Laura Limb, at 7:03 p.m. Followed by salute to the flag, led by Laura Limb.

September birthday greetings.

Twenty-one members in attendance

Three door prizes were drawn: Cheryl Lee, Bob Massey and Leah Stump

Welcome to guests: Katy Wood, who had a piece of petrified wood for sale.

Review of the minutes: Small corrections were made to the August minutes. It was moved by Barbara Massey. Seconded by LeRoy Bieler to accept the minutes with corrections. Motion carried.

Treasurer's Report: Marolyn Davis was out of town - report was given by Laura Limb.

Northwestern Federation (NWF) Report: Kathi Milem has submitted information for the Club's annual Spring show. It should be in the next newsletter. The next NWF show will be April 27-29, 2018, in Yakima, Wash.

Sunshine Report: Chris Chance not present to report. She is doing well after her surgery. Cheryl Endicott isn't doing well and we all send her our best wishes to returned health.

Webmaster Report: Denise Sebastian - all is going well.

Newsletter: Lacey Jarrell is out of town. Still looking for volunteers for editor position.

Club Field Trips: Marvin Stump

August 27-28: Beaver Creek in California to pan for gold at the Prospector's Club and Ron Skog claims. Only a few went, most being frightened off by forest fire reports. Ed Haas and Don Perryman found some color at both claims.

Rhodonite (a brownish or rose-pink mineral consisting of a silicate of manganese and other elements) trip in Cave Junction area is on hold until after fire season. This will be a spur of the moment notification of where and when via email. There is a \$20 per bucket fee for the rhodonite. This trip may include another opportunity to pan for gold at the Prospector's Club latest claim near Cave Junction - the Golden Quartz claim.

Club member field trips: Don Perryman went to Prineville, Ore., and collected some petrified wood. Ed Haas had an opportunity to go to the Burning Man location for a tow. Laura Limb participated in Pioneer Trail re-enactment with

her husband near La Grande, Ore. Picked up some black obsidian. Visited Sumpter, Ore., and checked out the gold dredging that was done there. Also went to Davis Creek, Calif., with Dennis Sly and Denise Sebastian to collect obsidian from the mines in the area. Noted that the Rainbow mine has been dozed and terraced.

Fall Arts and Craft Show: Nov. 5 & 6, Klamath Fairgrounds Event Center - Kristin Sayles

Set up will be Nov. 4. Volunteers are needed for set up and tear down.

Vendor packets were passed out for those that were interested or knew of someone interested in having a booth. Hand crafted items only. Deadline is Oct. 14.

2017 Spring Show: It has been suggested that the theme for the show be Desert Treasures. Don Perryman moved and Kristin Sayles second the motion that Desert Treasures be the theme, motion carried.

New Business:

*Annual dues are due in September. \$13.50 for individual; \$25 for couples, and \$30 for families. Everyone is encouraged to renew their membership as soon as possible.

*Elections: Election Committee members are Tom Endicott and Marvin Stump.

Nominations are open for the following positions:

President: 1-year term

Vice President: 1-year term

Treasurer: 2-year term

The Member at Large position will become vacant effective Dec. 31, 2016. The President will need to appoint a member to fill this position. Contact the president if you are interested in this position.

Voting will take place at the November meeting.

Program: Silent auction.

The next meeting is Oct. 10, 2016, 7 p.m. at the Klamath County Museum

Meeting adjourned at 8:05 p.m.

Refreshments were provided by Cheryl Lee.

Respectfully submitted by
Cheryl Lee
Recorder

ELECTRIC BLUE OBSIDIAN

2016 Lassen Creek field trip

By Marv Stump

What a beautiful weekend! The weather was great; the temperatures were mild; the camping was peaceful, and we were satisfied with all the electric blue that was collected. And Lassen Creek had lots of water. Thirteen people showed up, 3 dogs, and no kids.

We concentrated on the electric blue this trip. We had about 20 buckets that we filled with water, took to the electric blue, and soaked the ground to soften it. We soaked the ground Wednesday afternoon and Thursday while digging, and got down about 4 feet where the larger obsidian rocks were located. Friday afternoon we soaked the ground some more for Saturday digging. It paid off, as we collected a large amount of blue, green, purple, and some rainbow.

Sunday morning everyone slept in and then we took a ride up to the Pink Lady and the needles. We found some pink and gathered quite a lot of needles. Lazy day!

Friday evening we took in the barbecue at the Davis Creek store. The choices were: tri-tip, beef ribs, pork ribs, or chicken, along with garlic bread, beans, and coleslaw. We all had a half dinner that was enough for two meals.

Saturday evening we had a potluck with enough food for 30 people, including strawberries, ice cream, and fresh cooked cakes, provided by Christine and Averil, to go under the strawberries and ice cream. Quite a meal!!

The highlight of the trip was Friday night. Don Perryman has a continuing saga of his tent, rain fly, and of course, rain. What happened is hard to believe. Don's custom is to not put on the rain fly because he likes to view the stars and moon while in his sleeping bag. This is Friday night, no clouds in the sky except for a thunder cloud way off in the distant southwest. No chance of rain where we are, except that sometime in the night there was thunder and lightning above the campground, and a rain storm in the campground. Not much, but enough that Don had to get out of bed and put on the rain fly. This is something that generally happens to him when we go to Virgin Valley. Next trip someone needs to stay awake and get a video of Don dancing around in the dark putting on the rain fly. Another piece of irony is that our son came up from the Clear Lake area, put up a tent complete with rain fly, and Don told him that the rain fly wouldn't be needed this night. So much for being clairvoyant.



ELECTIONS

By Marv Stump

According to the bylaws, the nominations for officers for the following year will be held in October. For 2017, the offices of president, vice president, and treasurer will need to be filled.

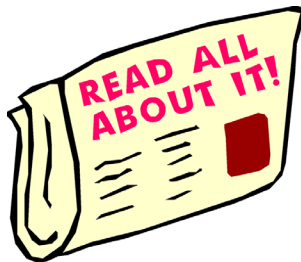
The following are the nominations for president and vice president. A candidate for treasurer has yet to be found, so we will need to ask at the October meeting for a member to volunteer for this position. The treasurer is a very important position and it will be hard to run the club without one.

- President: Laura Limb
- Vice-President: Kristin Sayles
- Treasurer: (no candidate)



Jerry Budy
Robin Jordan
Cherlye Ramirez
Angela Thierolf
Carol Wiley
Carolyn Ford

The Grinder



Your Rock and Arrowhead Club is in search of a new newsletter editor! The new editor will begin publishing the newsletter in January 2017. Contact current editor, Lacey Jarrell, or President Laura Limb for more information.

Lacey: 541-401-4652

Laura: 541-273-7503

SHOW DATES

Canby, Ore., Oct. 22-23: Annual show hosted by the Clackamette Mineral and Gem Club. Clackamas County Fairgrounds, 694 NE 4th Ave. Sat. 9 a.m. to 6 p.m.; Sun. 10 a.m. to 5 p.m. Free admission. Kids' corner, silent auction, rock slab sales, bargain rock by the bucket or the large piece, fluorescent show, demonstrations, raffle and door prizes along with our wonderful dealers. Contact Beth Heesacker, 4145 NW Heesacker Road, Forest Grove, OR 97116. Email: heesacker@coho.net.

Eugene, Ore., Nov. 4-6: Wholesale and retail show. Gem Faire Inc. at the Lane County Events Center, 796 W 13th Ave. Fri. noon to 6 p.m.; Sat. 10 a.m. to 6 p.m.; Sun. 10 a.m. to 5 p.m. Admission \$7 for a weekend pass. Children 11 and under get in free. Fine jewelry, precious & semi-precious gemstones, millions of beads, crystals, gold & silver, pearls, minerals, fossils & 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 at 503-252-8300 or email info@gemfaire.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.



Rock hounds are on the hunt for new carbon minerals

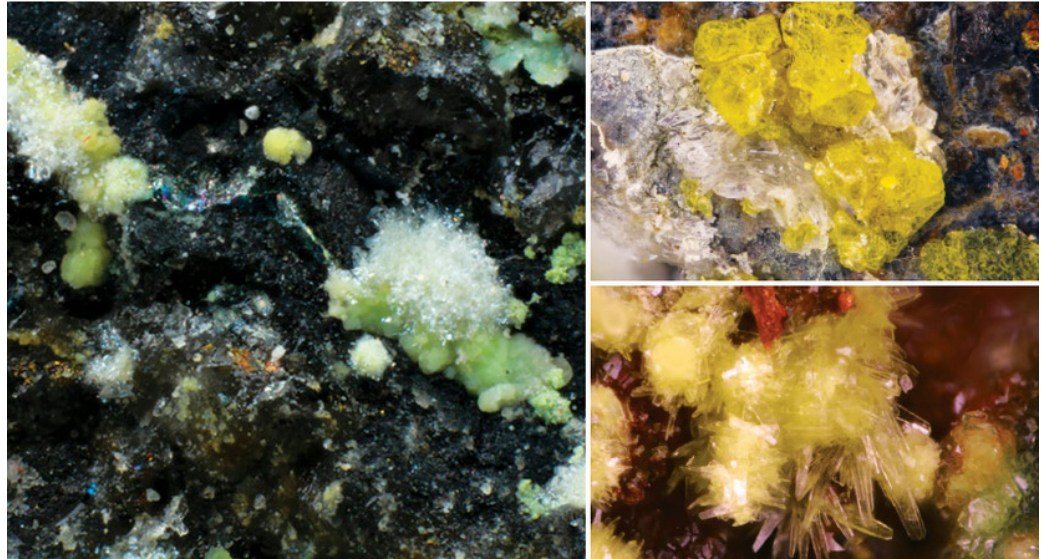
A new challenge has scientists searching for dozens of unknown, beguiling crystals

By Sid Perkins

Published in *Science News* at www.sciencenews.org/article/rock-hounds-are-hunt-new-carbon-minerals

Like many abandoned mines, the Eureka uranium mine in northern Spain is a maze of long, dank tunnels. Water seeping down the walls carries dissolved substances that percolated through rocks overhead. As the water evaporates into the tunnels' cool air, some of those dissolved ingredients combine to make new substances in solid form.

"The mine is a crystallization factory of weird minerals," says Jordi Ibáñez-Insa, a physicist at the Institute of Earth Sciences Jaume Almera in Barcelona.



CAN YOU DIG IT? Abellaite, ewingite and leószilárdite (clockwise from left) are three of the seven carbon-bearing minerals recognized by the International Mineralogical Association in the past year. A search is on to find dozens more undiscovered carbon minerals.

Including the uranium-bearing ores that attracted miners to Eureka in the first place, scientists visiting the mine have cataloged 61 different minerals — solids that have a distinct chemical recipe and arrangement of atoms. The latest find, called abellaite, is a rarity that grows in small pincushions of tiny crystalline needles about 40 to 50 micrometers long. Discovered in July 2010, the mineral has been found only on the walls of a 3-meter-long stretch of one tunnel, says Ibáñez-Insa.

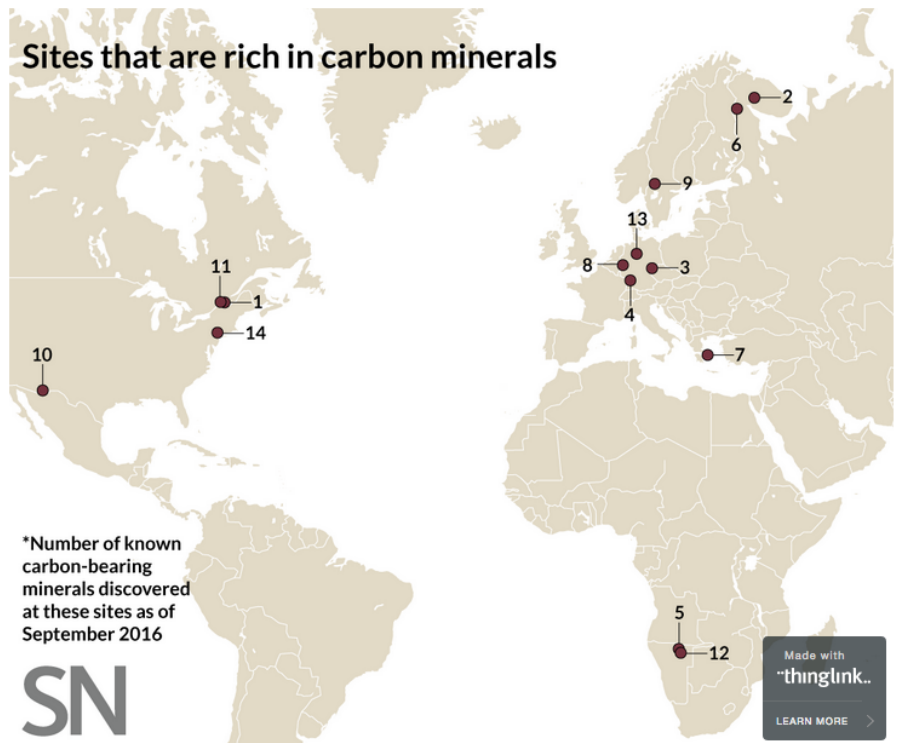
Abellaite is uncommon in another sense: It contains carbon. Of the 5,161 minerals characterized by scientists and recognized by the International Mineralogical Association, just 8 percent, or 416, include carbon.

The Carbon Mineral Challenge, launched last December and running until September 2019, exhorts researchers to scour the landscape — and their museum drawers — for unknown carbon-bearing minerals. In a recent analysis, scientists estimate that there are at least 548 carbon minerals on Earth. That means well over 100 are waiting to be noticed.

Promising places

In the search for hidden carbon-bearing minerals, scientists and rock hounds aspiring to geologic fame should visit these locales (or analyze samples already collected there).

Tap the map to explore carbon mineral "hot spots" around the world.



Source: D. Hummer/Southern Illinois Univ.