

Return Bulletins to:
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Dusty Rocks

May 2021

ROCK AND ARROWHEAD CLUB

P.O. BOX 1803

KLAMATH FALLS, OR 97601

www.klamathrockclub.org

OFFICERS & EXECUTIVE BOARD



DUSTY ROCKS

Rock and Arrowhead Club ~ Klamath Falls Oregon



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www.klamathrockclub.org
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Send your items for sale, photos, adventures, etc to newsletter editor Laura Limb
redlimb@charter.net

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 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.

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Committee Chairs

Sunshine.....Open
Program.....Denise Hard
Greeter/Door Prize.....TBD
Refreshments.....Open
Historian.....Don Perryman
Librarian.....TBD
Claims Rep.....Marshall Curran
Field Trips.....TBD
Black Light Display.....Marshall Curran
Show Chair 2021.....Cancelled
Asst Show Chair.....Cancelled
Safety Officer.....Laura Limb

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

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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 Knapping activities during workshops, annual shows and personal creations. No gathering of arrowheads on field trips is authorized or suggested by any club members.

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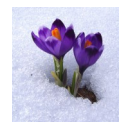
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Fellow Rock Hounds,

I hope you have had a chance to get out in the yard this Spring. Nothing like the smell of the dirt and that first sneeze to get you in the mood for rock hounding.



We are preparing to have a few field trips this summer and I want to get us back meeting in person for our meetings. I miss seeing all your faces and socializing.

As you rock hound this season, please grab a large rock of some significance to donate to the silent auction for our show in 2022. (I am being very hopeful to actually be able to have our show)

Rock on,

Laura Limb, President

NEXT Regular Meeting June 14

ZOOM Meeting (on line) and in person limited space, facemasks required, 6 ft distancing

Updated restrictions ordered by Gov Brown 5/1/20 stated 10 or fewer people at least until indefinite. Gradual re-opening depending upon "the numbers"



2021 Rock, Gem & Mineral Show

Cancelled for 2021 due to venue and Volunteers availability
See you in 2022

Happy Birthday



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

Please contact Mike Hard

May Birthday's

Bieler	LeRoy
Childs	Jimbo
Hart	Allen
Kochevar	Lorraine
Lant	Zen
Loveness	Ron
Peterson	Mary
Sheridan	Bill
Stark	David
Stroope	Linda



Rock and Arrowhead Club Meeting Minutes

April 12, 2021

Meeting called to order at 7:08 pm by President Laura Limb.

Attendance: Six in-person. Two on Zoom in other locations.

Pledge of Allegiance recited by all.

New member/s: No new members.

Guest: No guests.

Birthdays: See newsletter.

Program: No program.

Approval of minutes: March minutes approved.

Treasurer report: Denise reported for Mike Hard. Shasta Litho printing is paid current. The club has taken out a monthly ad in Basin Life Magazine for \$25 per month.

Federation report: Laura received an invitation to attend a mid-year Federation meeting. The meeting will be held on Zoom. The meeting is this Saturday at 10 a.m.

Sunshine report: Denise saw Leroy. He is doing well. Garwin and Marsha have moved to the Dallas/Monmouth area to be near their children.

Webmaster report: Given by Denise Hard. The website was up-to-date today until Laura sent the March minutes 30 minutes before the meeting.

Newsletter: Features a recipe for an edible sedimentary rock.

Member field trips: Denise went to Arizona. She saw her dad but did not look for rocks. Laura went to Beaver Dam, Arizona. She found some really cool rocks, maybe hematite, and went on a 10.5-hour Jeep ride for 100 miles in the Arizona outback. Laura brought back some sandstone.

Field trips: No field trip in May. Club members are encouraged to support the Lakeview rock show instead. The show is Memorial Day weekend. The show organizers would like to use the rock dinner table. Kristin is working with Leroy to get it set up.

June field trip is to the sunstone claim. The club needs to do some stuff to keep the claim current. Don Perryman is planning to be there as well. The field trip is planned for late June.

Continued.....

CONT.....

An obsidian trip is planned for July. August is opals, and Juniper Ridge is possible in September. October over to the coast for jasper and agates.

Marshall said in his spare time he invented a sunstone catcher that will be good for the coast or sunstones. He made a dozen catchers.

Another club is interested in doing field trip swaps. Laura has passed along her contact info.

Other business: Laura said the club has a currently low membership rate, likely due to COVID restrictions. She hopes that club and community members still want to participate even if they have not paid dues.

February, March, and April printed newsletters are still at Shasta Litho. Some members do not have internet and would like to continue receiving a print newsletter. There was discussion about putting it online.

Marshall noted that Garwin used to maintain a sunstone display at the Midland rest stop. Members discussed whether the display was Garwin's personal display or the club's.

No refreshments. Provided at respective viewing locations.

Meeting adjourned at 7:45 p.m.

The next meeting is May 10, 2021.

May Birthstone: Emerald



The 75.47-carat Hooker Emerald was worn by Ottoman Sultan Abdul Hamid II, the last sultan of the Ottoman Empire. Photo by Chip Clark, courtesy Smithsonian Institution, National Museum of Natural History.



Rough Specimen

Emerald is the bluish green to green variety of beryl, a mineral species that includes aquamarine.

Emerald's lush green has soothed souls and excited imaginations since antiquity. Its name comes from the ancient Greek word for green, "smaragdus." Rome's Pliny the Elder described emerald in his *Natural History*, published in the first century AD: "...nothing greens greener" was his verdict. He described the use of emerald by early lapidaries, who "have no better method of restoring their eyes than by looking at the emerald, its soft, green color comforting and removing their weariness and lassitude." Even today, the color green is known to relieve stress and eye strain.

Emerald is the most famous member of the beryl family. Legends endowed the wearer with the ability to foresee the future when emerald was placed under the tongue, as well as to reveal truth and be protected against evil spells. Emerald was once also believed to cure diseases like cholera and malaria. Wearing an emerald was believed to reveal the truth or falseness of a lover's oath as well as make one an eloquent speaker.

The first known emerald mines were in Egypt, dating from at least 330 BC into the 1700s. Cleopatra was known to have a passion for emerald, and used it in her royal adornments.

Retrieved 05/10/21 from <https://www.gia.edu/birthstones/>

Excerpts from the Mid Year NFMS Meeting:

- **Code of Ethics:** There was an overwhelming record number of people using the outdoors for recreation in part due to the COVID restrictions. This was recorded nationwide. Over one million visitors came to the Prineville, Oregon area in 2020. This includes the Ochoco National Forest. Over 4.2 million visitors came to the Deschutes Oregon area making an increase usage of over 90%. And an increase of 98% in the John Day Oregon area. The various types of recreation in these areas were, camping, boating, fishing, off road vehicles, biking, and rockhounding. I was so excited to hear that rockhounding was mentioned. My excitement was short lived when I saw the reports of the condition of many collection areas. Giant holes and pits unfilled, trees and sagebrush damaged and destroyed. I was asked if rock clubs have any rules and regulations and I told them that there was a Rockhound Code of Ethics established and new members were usually given a copy of it when they joined. Then a thought came to mind that several people have joined clubs during the COVID outbreak with no public meetings. Are our new members even aware of the Rockhound Code of Ethics? I encourage us all to talk with all our new members and those who are interested in the hobby about the code of ethics to help inform and educate them.
- **Stamps – Chuck Sonnor:** Chuck stated that his report was in the packet and added that he hopes he can do what he did last year in generating funds. He felt he should be able to match last year. He is hoping that if folks have stamps at Big Piney, someone will be able to gather them. Beth asked about a gentleman from the Eastern Federations that was attempting to contact Chuck. She thought he might have stamps they were willing to donate. It appears that the gentleman was searching for information of how to regenerate the stamp program their federation once had. Chuck said he will write to the gentleman to give him ideas. He mentioned how small companies still often use stamps. If anyone knows someone working in such a place, asking if they can be saved is a good way to get stamps. \$547 was generated last year for research by ‘stuff people just throw in the trash.’
- **President’s report:** We have lost clubs this year. The pandemic has placed a heavy burden on some clubs since they have not been able to build their budgets by hosting rock shows. We do have one new club that has requested membership. As of 8/31/2020 we had 68 Clubs, 5813 Adults and 688 Juniors. As of 3/17/21 we have 49 clubs, 3570 adults and 500 juniors.

ROCK HOUND CODE OF ETHICS

- * I will respect both private and public property and will do no collecting on privately owned land without permission from the owner.
- * I will keep informed on all laws, regulations and rules governing collecting on private lands and will observe them.
- * I will to the best of my ability, ascertain the boundary lines of property on which I plan to collect.
- * I will use no firearms or blasting materials in collecting areas. (This might be amended if you are going into cougar or grizzly bear habitat. Bear spray should always be carried.)
- * I will cause no willful damage to property of any kind, such as fences, signs, buildings, etc.
- * I will leave all gates as found.
- * I will build fires only in designated or safe places and will be certain they are completely extinguished before leaving the area.
- * I will discard no burning materials-matches, cigarettes, etc.
- * I will fill all excavation holes which may be dangerous to livestock.
- * I will not contaminate wells, creeks, or other water supplies.
- * I will cause no damage to collecting material and will take home only what I can reasonably use.

Diamond Dan publications is an excellent source for our young or seasoned rock hounds to learn about minerals and other fun ideas. We will publish excerpts from the monthly newsletter here.

On YouTube, search for Mini Miners with Diamond Dan for new videos and more fun facts.

Tumbling Rocks

"Golden Rules" of Rock Tumbling

There are three important rules that we follow in all aspects of rock tumbling. These are: 1) "Garbage in means garbage out"; 2) "Avoid contamination"; and, 3) "Great results take time."

"Garbage in means garbage out"

If you start with garbage (low-quality rough), you should expect low-quality tumbled stones. So, don't hesitate to discard a rock that is porous, fractured, or that will not produce an attractive tumbled stone. You will spend a lot of time and valuable supplies tumbling a batch of rocks. Using quality rough saves time, gives you better value for your money, and produces [tumbled stones](#) that are of much higher quality.

"Avoid contamination"

You will use a different size [tumbler grit](#) for each step of the tumbling process. If coarse grit gets into your medium grit step, it will scratch up the rocks and you will need to do the medium grit step over again.

Avoiding this type of contamination is easy: just thoroughly clean the rocks, the tumbler barrel, and your tools when you change from one grit size to another.

Another way that contamination occurs is when you use rocks that have a granular texture or are brittle. These rocks might break or shed grains or fragments in the tumbler. These grains and broken pieces can scratch up every rock in the barrel.

This type of contamination is also easy to avoid: just examine your rocks before tumbling, and don't tumble suspect rocks in the same barrel with your best rough. Treat new types of rough or suspicious materials with caution.

"Great results take time"

Don't be in a hurry. Spend time doing a great job. If you tumble a batch of rocks through the coarse grind and they still have a few rough edges or are not nicely rounded, don't hesitate to run them through that step again. Also, spend the time needed to thoroughly clean your work area, tumbler barrel, rocks, and tools between steps to avoid contamination.

Retrieved 05/10/21 from <https://rocktumbler.com/tips/rock-tumbler-instructions/>



Editor's Corner

I enjoy putting together the newsletter. In this edition, there are excerpts from the mid-year NFMS meeting. I also try to add a little activity for the kids. If there are any topics or items that you would like to see in the newsletter, please email me below. Temporary Editor Laura Limb

Our club is in need of a newsletter editor. I cannot do all of the roles and would like someone to volunteer for the newsletter editor. If you are interested please send me an email at redlimb@charter.net.

Now more than ever !!!!! Covid 19 Guidelines

GET VACCINATED

Wear face mask covering nose and mouth.

Social Distancing of 6 feet.

Wash hands frequently with soap and water.

Stay home if possible.

If sick stay home until cleared or temperature free.



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