

Return Bulletins to:
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Address change or questions, contact Mike Hard at Michael.hard@live.com



Dusty Rocks

**March
2020**

ROCK AND ARROWHEAD CLUB

P.O. BOX 1803

KLAMATH FALLS, OR 97601

www.klamathrockclub.org

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DUSTY ROCKS

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Greeter/Door Prize.....

Refreshments.....Chris Chance
Historian.....Don Perryman
Librarian.....

Claims Rep.....Garwin Carlson
Field Trips.....

Black Light Display.....Marshall Curran
Show Chair 2020.....Denise Hard

Asst Show Chair.....

Safety Officer.....Laura Limb

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, except this year, 2020

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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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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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 napping 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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Hello members,

With current virus restrictions in place at least until April 14, we won't be having an April meeting (regularly scheduled for the 13th).



I am sorry our show didn't go on but we should be able to have it next year. Think about our fall show. Hopefully we can do it then.

With the weather we are having it might be a good idea to get out and do a little rock hunting. Hopefully that can take some of the virus situation off your mind. Since the Warner Mt obsidian area is closed, maybe think about going to Tuledad or McDermitt. Have a good attitude and be happy.

Thanks, Doris



Happy Birthday



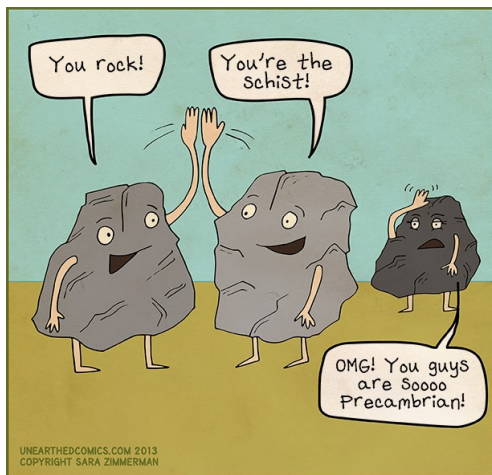
Marion Cook
Larry Phillips
Bee Skog

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

NEXT Regular Meeting

Hopefully Monday May 11, 7pm but probably to be cancelled. We will follow the Governor's recommendations/orders.

**If a May meeting: treats Marshall Curran
April 13 meeting cancelled due to Covid 19**



From
Unearthed
Comics



DUES DUES DUES DUES DUES

Based on a membership vote last fall, it was decided that since so many members renew *at the show* and that we gain new members each March, that the annual membership dues would now be due in **MARCH**. If you paid in the fall, we thank you.

This will be the last newsletter you will receive if we've not received your dues by approx the 3rd week in April, when the master list will be updated and forwarded to the newsletter staff/printer for the May newsletter.

If not, **please send in your dues asap to ensure continued receipt of the newsletter and maintain your membership.** Please refer to page 2 for the \$ amounts for each category.

Dues should be mailed to RAC, PO Box 1803 as noted on the cover of this newsletter.

From a new book authored by a member of the Rock Seeker community, titled Mama Rae's Rocks and Rhymes, author Suzette Rae Fell Buhr writes:



Rock Seeker
Est. 2007

“Raised in a family of rockhounds in the 1960’s, my parents, along with my sister and I, traveled and rock hunted as kids. I totally loved it. The fresh air, playing in the dirt, and finding amazing treasures!”

The book is available on Amazon and is described on their website as follows:

Welcome gem collectors, students, and rockhounds, ages 5 to 109, this book is filled with 120 poems, for you to ponder and keep in mind. It includes a variety of rocks, gems, and minerals with poetry from A to Z, along with over 700 photos celebrating these stone, for you to enjoy on this rock hunting spree! These Earth Science fun facts and historic treasures use the STEAM approach (Science, Technology, Engineering, Arts, and Math) to enrich the learning experience. The creative writing in this book cherishes the likes of Shakespeare, Dr. Seuss, and Langston Hughes. While it's geared towards High School students, anyone on a quest to learn can enjoy the gem and mineral photographs and become enriched with its treasures through poetry.



RockSeeker.com is a reader supported site. They have tons of articles, gifts ideas, equipment assessments, book recommendations on many subjects, outings and “where to find”, rock tumbling, fossils, you name it! A wonderful site to explore. There is also a Rock Seeker Facebook Group if you're a social media person.

From the April Federation Newsletter:

From Jennifer Haley, the OR State Director for the ALAA (American Lands Access Assn, Inc amlands.org)

New~ ALAA Recommendation to All AFMS Federations & Your Societies We are encouraging you to work closely with your societies to create a display case of the rocks, gems, minerals, and fossils of the closed collecting sites in your territory due to public lands regulation, and to display the case(s) at your annual shows and conventions, and at the local society shows whenever possible. If every federation would show a representation of this, it will make a big impression on your members to become more collectively involved in protecting your current field trip areas now and for the future. Take photos of the material along with identifying it and note where the collecting site was. Include this information in your federation and society newsletter issues. ALAA would like to have this information for it's database, website and newsletters, and for articles in the AFMS newsletters. Let's get Rock'N on this project so we can keep on Rock'N our collecting sites.

THE BLM IS ON THE MOVE The Bureau of Land Management is moving its Washington, DC office to Grand Junction, Colorado. The exact time frame of the move is not known at this time. Check on the BLM Website for more information. This will make contacting the main BLM Office easier for the Recreational Rockhound. Another BLM move is the California Desert District office is moving from its Moreno Valley, CA location to a new office in Palm Springs, CA. NB: The BLM manages one in every 10 acres of land in the United States, and approximately 30 percent of the Nation's minerals. These lands and minerals are found in every state in the country and encompass forests, mountains, rangelands, arctic tundra, and deserts. To see specific goals, go to <https://www.blm.gov/about/whatwe-manage> Articles appear here thanks to the ALAA Newsletter, First Quarter 2020

Members, this is something we are fully capable of doing, over time, and should. ALSO, see www.blm.gov/sites/blm.gov/files/getinv_rac_orwa_racboundarymap.pdf Translation: RAC is the acronym for Resource Advisory Councils of the BLM. They need our input . Without our input about the value of our unique historical American recreation when it's needed to protect your collecting sites and educational field trips areas, the councils can't forward your insight and information to the BLM who will in turn use that information in the various stages of developing their planning. The website noted above is the boundary map for all the state's current RAC's.

2020 RAC Meetings Treat List

January		Marolyn & Ken Davis
February		Leah Stump Cheryl Lee
March		Peggy Bieler
April	CANCELLED	Chris & Sam Chance 541-882-7125
May	LIKELY CANCELLED	Marshall Curran
June		Robert & Linda Stroope
July		Ashley Mora
August		Kurt & Toni Phillips
September		Tom & Cheryl Endicott Jerry Anderson
October		Cindy Sheridan
November		Kathi Milem



Avail from Café
Press

April Birthstone

As with all months, there are several choices other than solely the familiar "diamond". Arguably the most popular gemstone on earth, diamond is the modern birthstone for April, both in the United States and in Britain, as well as in India. The gemstone was likewise traditionally recognized as the April birthstone, and was in fact designated as the birthstone of April in the old Polish and ancient Hindu (Ayurvedic) calendar. Before the gemstone landed on these calendars as the gemstone for April, diamond was a zodiac stone for Aries, which falls partly on the month of April.

Diamond is the hardest gemstone on earth, and remains one of the most expensive. Its reliably high value keeps this stone of April in the modern list of precious stones. While occurring in a variety of colors, the April gemstone is most popular as the clear, bright white diamond. The April stone is believed to bring good luck, protecting its wearer from misfortune.

Besides diamond, sapphire is the traditional birthstone for April. The gemstone was the April birthstone in the old Roman, Italian, Russian, Hebrew and Arabic calendar. Before sapphire became the birthstone of April in these ancient calendars, the gemstone was the main zodiac stone for Taurus, which falls partly on the month of April.

This April gemstone is a precious variety of corundum, which when red is called ruby. While occurring in a variety of colors — ranging from pink, orange, yellow, white to black — sapphire is most popular in its blue color, which makes the name sapphire synonymous to a brilliant blue. The April stone is believed to bring inner peace and spiritual enlightenment.

Beside diamond, clear quartz, also known as rock crystal, has also been designated in Britain to a birthstone for April. The rationale seems rather simple: Rock crystal is clear as diamond is clear. Indeed, clear quartz provides a less expensive alternative for an April birthstone to diamond. This new April stone is the colorless variety of quartz, which when yellow is called citrine, and when violet amethyst. The April gemstone is believed to bring happiness.

Lastly, Opal is the birthstone for April in the old Tibetan calendar. This April birthstone occurs in a variety of colors, and is popular for its multi-colored fire that shines against a certain body tone, which ranges from white, blue, to black, black being the most expensive of the precious opal. The Romans held this birthstone of April to be a symbol of hope and purity.



Thank you
Unearthed
Comics

From *Enjoy Teaching* with Brenda Kovich

Rock Identification Freebie

<p>COLOR</p> <p>Rocks come in many colors, and sometimes they have minerals of different colors in them.</p> <p>Study your rock.</p> <p>What colors can you find in it? Be specific.</p>	<p>LUSTER</p> <p>Luster describes how a mineral reflects light.</p> <p>Use these terms:</p> <ul style="list-style-type: none"> • glassy • metallic • greasy • pearly • silky • earthy 	<p>HARDNESS</p> <p>Test the hardness by trying to scratch the rock with:</p> <ul style="list-style-type: none"> • your fingernail • a penny • a nail <p>If these don't scratch the rock, try scratching glass with the rock.</p>	<p>R O C K S</p> <p><small>Copyright © 2016 Brenda Kovich</small></p>
<p>STREAK</p> <p>Streak is the color left behind as the rock is scratched across a surface. Scientists use a streak plate (piece of unglazed porcelain).</p> <p>You can also see if your rock draws on paper. Only soft rocks do this.</p>	<p>CLEAVAGE</p> <p>Cleavage describes the way a rock tends to break.</p> <p>Describe whether your rock is a thin layer, thick layer, or chunk.</p> <p>Tell if it has smooth, bumpy or sharp edges.</p>	<p>CRYSTALS</p> <p>Crystals, or grains, in a rock can be visible or invisible.</p> <p>If you can see the crystals, describe their shape, size, and color.</p> <p>Also record if you can see air bubbles.</p>	

THE MOHS SCALE		CLASSIFYING HARDESS
SOFTEST	Hardness	Mineral
	1	Talc
	2	Gypsum
	3	Calcite
	4	Fluorite
	5	Apatite
	6	Orthoclase
	7	Quartz
	8	Topaz
	9	Corundum
HARDEST	10	Diamond

2.5 - fingernail

3.0 - penny

4.5 - steel nail

5.5 - glass

6.5 - streak plate

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CLEANING GEMSTONES					
Gemstone	Steaming	Ultrasonic	Boiling	Soap	Untreated Cloth
Alexandrite	Yes	Yes	No	Yes	Yes
Amazonite	Never	Never	Never	Safe	Yes
Amber	No	No	No	Warm soapy water. Do not use a brush	No
Amethyst	Risky	Usually Safe	No	Yes	Yes
Apatite	Never	Risky	Never	Safe	Yes
Aquamarine	Usually Safe	Usually Safe	No	Yes	Yes
Aragonite	Never	Never	Never	Usually Safe	Yes
Calcite	Never	Risky	No	Cool Soap Water Safe	Yes
Carnelian	No	Usually Safe	No	Yes	Yes
Citrine	No	Usually Safe	No	Yes	Yes
Coral	Risky	Risky	No	Yes	Yes
Cubic Zirconia	Safe	Safe	Safe	Safe	Yes
Diamond	Yes	Yes	Yes	Yes	Yes
Diopside	Never	Risky	No	Safe	Yes
Emerald	No	No	No	Yes	Yes
Fluorite	Never	Never	Never	Safe	Yes
Garnet	No	Usually Safe	No	Yes	Yes
Howlite	Risky	Risky	Never	Safe	Yes
Iolite	No	No	No	Yes	Yes
Jade, Jadelite	Safe	Safe	Safe	Safe	Yes
Jade, Nephrite	Safe	Safe	Safe	Safe	Yes
Kyanite	No	No	No	Yes	Yes
Labradorite	Never	Never	Never	Safe	Yes
Lapis Lazuli	No	No	No	Yes	Yes
Malachite	No	No	No	Safe	Yes
Moonstone	Never	Never	Never	Safe	Yes
New ''Jade''	Risky	Never	No	Safe	Yes
Olive ''Jade''	Risky	Never	No	Safe	Yes
Opal	No	No	No	Yes	Yes
Pearl	No	No	No	No	Yes
Peridot	No	No	No	No	Yes
Rainbow Moonstone	Never	Never	Never	Safe	Yes
Rhodochrosite	No	No	No	Cool Soapy Water	Yes
Rhodonite	Safe	Usually Safe	No	Warm Soapy Water	Yes
Ruby	Yes	Yes	No	Lukewarm Soapy Water	Yes
Sapphire	Yes	No	Yes	Yes	Yes
Serpentine	Risky	No	Safe	Safe	Yes
Shell	Risky	Risky	Safe	Safe	Yes
Sodalite	Risky	Never	Safe	Safe	Yes
Spinel	Yes	Yes	Yes	Yes	Yes
Sunstone	Never	Never	Never	Safe	Yes
Tanzanite	No	No	No	Yes	Yes
Topaz	No	No	No	Yes	Yes
Tourmaline	No	No	No	Yes	Yes
Turquoise	No	No	No	Yes	Yes
Zircon	No	No	No	Yes	Yes

Members, is this a resource that we may wish to consider purchasing, as a club? Has anyone seen or used this? Tom E, I'm thinking you might own or have used this? If so, your input would be appreciated! Perhaps this could help us identify some new places to explore.

Ore-Rock-On DVD Rockhounding Guide NEW Version 7

Covers rock, mineral & fossil collecting locations in all of Oregon, Washington, Idaho, Montana and Northern California

A comprehensive guide for finding lapidary rock, minerals, and fossils:

- ◇ **Use with any internet browser – mobile, PC, MAC etc.**
- ◇ **36 detailed descriptions of 100's of dig sites that have GOOD material**
- ◇ **Includes ALL rockhounding sites in 9 recent OR, WA, CA, MT and MT rockhounding guidebooks**
- ◇ **1,053 detailed topo maps to view & print with digs clearly marked**
- ◇ **387 large scale Overview & Land Ownership maps for each collecting area**
- ◇ **Waypoint files to upload to your GPS – Over 3,368 in total**
- ◇ **A map of regions in each state leads to the maps and detailed site info & photos**
- ◇ **Google Earth files – view dig sites on color satellite images with roads etc.**

DVD \$45, USB thumb drive \$51, SD Card \$50

\$2.66 Postage - Priority mail \$8

Upgrade from ANY previous version is HALF PRICE.

For more info and to purchase the DVD with Paypal, a Debit or Credit Card, please browse to <http://OreRockOn.com/CD.htm>

IT'S SHOWTIME!

As with our show, all shows listed below are subject to cancellation due to the Covid 19 virus restrictions We have attempted to include contact information for you...

California nothing posted at this time-all cancelled or postponed until further notice

Oregon

April

24-26 Rogue Gem & Geology Club, Josephine Co Fgrds, Grants Pass
Call 541-415-1720 for status

MAY

2-3 Umpqua Gem & Mineral Club Show, Douglas Co Fgrds, Roseburg
Call Brooke 541-784-7515 for status Best of luck in NOT having to cancel!

16-17 Tall Man Rock Chippers Lake County Fairgrounds, Lakeview
Call LeRoy 541-947-2925 for status

3-24 Oregon Coast Agate Club show National Guard Armory, Newport
No contact phone website is coastagates.org

JUNE

6 Thundereggstravaganza! Rice Museum, Hillsboro
Ricemuseumnorthwest.org

12-14 Hines Obsidian Days, Hines City Park (not confirmed-no contact info)

18-21 Prineville Rockhound Pow Wow, Crook Co Fairgrounds
Ron 541-510-4750 so far, still on. The RV park is taking res's 6/1 & after

25-28 All Rockhounds Pow Wow Club of America 71st annual show
Jefferson Co Fgrds, Madras Larry Vess 253-473-3908

Idaho

MAY

30-31 Coeur d'Alene Rock & Gem Show, Kootenai Co Fgrds, CDA
Mike Rose 208-659-6173

Montana

MAY

15-17 Bitterroot Gem & Mineral Show, Ravalli County
Fairgrounds, Hamilton

Editor's Corner

It is going to be hard for a bunch of rock hunters to sit at home. Now is the time for planning our field trips for the coming season. If you have the use of the Internet you will probably find somewhere to go every weekend. A group of us From Klamath Falls went to Prineville's Pow Wow last year. It was a good trip, with Vendors and field trip which were well planned, plus the campground was well kept. Some rock hounds return to the same area just to meet their friends from year to year. If you have any questions about where to go and what to see, bring your concerns to a member or just at the meetings. We will not be beat, just go with the flow.

[Note: as of 3/29 the Crook County RV park IS taking reservations for after June 1. There is currently no info on the Prineville PowWow website about possible cancellation. I'm sure they're just taking a "wait & see" approach at this time.]

Chris Chance, co-editor

email chancechristine66@gmail.com

Like everyone else, I'm so disappointed that our big show had to be cancelled. That show is a money maker for the club. I know that after the "stay home" restrictions are relaxed, we will be doing some camping. Even with those restrictions, social distancing from one's RV in the desert isn't much of a stretch! Gas prices are decent, at the moment, as well, thanks to oil wars between the Russians and Saudis. We have a lot of elderly members in the club, whom I urge to take the warnings seriously. Just today a doc from Sky Lakes ER thanked me for *not* going to visit my elderly father who's in a senior facility here in town. Be careful when going out to the stores and wipe down your purchases, too.

Apologies if this newsletter has too many ads. I just wasn't in the mood for serious research and article writing. If some of you have time to submit something, please! Do.

Hoping we'll be back to our normal meeting schedule in May, but seems unlikely if you listen to the experts. If not, perhaps we'll see you in Prineville in June. Even if the Pow Wow is cancelled, the RV park will probably be open. We'll see!

Linda Stroope, co-editor

email stroopemail@gmail.com