

AUGUST 2023

corc.rocks@gmail.com

CENTRAL OREGON ROCK COLLECTORS NEWSLETTER

It's in our name...It's what we do...We collect rocks!!!



Greetings CORC,

I hope you are all enjoying a wonderful summer filled with new adventures and amazing discoveries. The second half of the year will be a fun one for the club, highlighted by our summer picnic, first field trip to the club claim, and our always popular holiday party! I can't wait!

I would like to take a minute to talk about the heart of the club, our volunteers. As most of you know, the club is run entirely by volunteers. I would like to take a moment to acknowledge the work of Erik Badzinski, who has spent many hours and countless miles on his boots over the past two years, single-handily staking and helping the club file our first claim. I am most looking forward to our October field trip and seeing the fruits of his labors! The claim is an example of what happens when someone steps forward and makes great things happen that benefit the entire club. Along this vein, we have not had anyone come forward to plan and organize the lapidary shop/classes. As such, I am tabling any implementation of this project for the rest of the year. If you have any interest in leading this project and getting a plan in place for next year, please let me know. We will also have multiple volunteer opportunities throughout the rest of the year, including our summer picnic later this month, the holiday party, and board elections. Please keep an eye on the newsletters for how you can help!

I look forward to seeing all your smiling faces at the summer picnic on August 20th! We are going to have a great time. See you there!

April
President



JOIN US
FOR

CORC'S ANNUAL Picnic

August 20th

11 AM - 2 PM

American Legion Park Redmond, OR

~Set up begins at 9 AM. Volunteers are needed for set up and clean up. We also need tables for the silent auction and raffle. If you have some we can use, please bring them at 9 and make sure your name is on the bottom.

~Members are asked to bring a side dish or dessert. Everything else including bottled water will be provided by the club.

~If you have a donation for the auction, please fill out a bid sheet ahead of time. All proceeds go to the club.

~Members are welcome to set up a booth to sell their rock related items.

RSVP's have been sent out.

If you bring a tent or canopy please make sure you have sandbags or other weights for it, as we are not allowed to use stakes. You will be asked to take your tent down if you use stakes or do not have weights.

This is a city rule.

The Birthstone for August is: Peridot

Peridot sometimes called chrysolite, is a yellowish-green transparent variety of olivine. (Olivine. The mineral olivine is a magnesium iron silicate with the chemical formula $(\text{Mg}, \text{Fe})_2 \text{SiO}_4$. It is a type of nesosilicate or orthosilicate. The primary component of the Earth's upper mantle, it is a common mineral in Earth's subsurface, but weathers quickly on the surface.

It is a gemstone that occurs only in an olive-green color, with its intensity and tint depending on iron content. Peridot can vary from yellow to olive to brownish-green.

Gem miners find peridot as irregular nodules (rounded rocks with peridot crystals inside) in

some lava flows in the United States, China, and Vietnam and, very rarely, as large crystals lining veins or pockets in certain types of solidified molten rock. Sources for the latter include Finland, Pakistan, Myanmar, and the island of Zabargad.

Peridot is one of only two gems observed to be formed not in Earth's crust, but in the molten rock of the upper mantle.

Olivine is the source of peridot. Gem-quality peridot is rare due to its chemical instability on Earth's surface. Large crystals of forsterite, used to cut peridot gems, are also rare. Peridot can be found in meteorites and can be differentiated by size and composition. The San Carlos Apache Indian Reservation in Arizona is the principal source of peridot olivine today, with other sources around the world.

Peridot is biaxial, (It is a generalized form of tensile testing in which the material sample is simultaneously stressed along two perpendicular axes), with three principal axes, and its refractive index and specific gravity vary depending on iron concentration. Inclusions are common, with their presence depending on location and geological conditions.





The ancient Egyptians mined peridot on the Red Sea island of Zabargad, the source for many large fine peridots in the world's museums. The Egyptians called it the "gem of the sun." Today this gem is still prized for its restful yellowish green hues and long history. Large strongly-colored, examples can be spectacular, and attractive smaller gems are available for jewelry at all price points.



www.gemstonemeanings.us



en.wikipedia.org
www.gia.edu
gemstonemeaning.us
thecrystalcouncil.com
crystalis.com
sun-angel.com

Bly Field Trip for Fire Opals



About 24 people showed up for a hot day in Bly, but my understanding and from what was found by our members it was a very successful and fun filled day.

Thank you Jamie and Marion Lant for being such gracious hosts!!

Thank You Cec for the pictures!!!!





illustrations of.com #1047632

OREGON COUNCIL OF ROCK AND MINERAL CLUBS

HAMPTON BUTTE WORK PARTY

SATURDAY, SEPTEMBER 23, 2023

9:00 am - 4:00 pm

**ALL MEMBER CLUBS ARE INVITED TO HELP WITH SITE
RESTORATION ON NATIONAL PUBLIC LANDS DAY**

QUESTIONS - DAVE WILLIAMS - IGNEOUS80@Q.COM

OR 541-677-9341 (NO TEXTS)

Meet at the Brothers Rest Area on Highway 20 (MP 42.8) east of Bend @8:00 am or at the site @9:00 am. Bring lunch, water and your field gear. Be prepared for hot or cold high desert fall weather. You will also need a long handle shovel and short tine rake. We will fill and level earlier digs. The ground is soft and the holes are less than 24" deep.

Directions from Brothers Rest Area – Take Highway 20 east to Van Lake Road. Turn north and follow Van Lake Road 10.5 - 11 miles to SE Price/Twelve Mile Road and turn right. Follow Price Road about 2 miles to the site. It is 22 miles one way from the Brothers Rest Area to Hampton Butte.



Hampton Butte July 16, 2023

This is just a small area of Hampton Butte where we dug last year. It had barely been dug last year. This is what the OCRMC will be cleaning up in September.



Field Trip Dates

Sunday, September 10th White Fir Thunderegg - These thunderegg are filled with colorful jasper. Shades of red, yellow, and tan are available as well as a creamy white color. fs.usda.gov White Fir Springs Collection Site



Saturday, October 14th Club Claim Agate

Family Science Fair

Barnes Butte Elementary School in Prineville is looking for someone to have a rock display table at their Family Science Night in October. They would like to have a variety of rocks on display have the person to stay to give information about the rocks and answer questions. They would love it if the families could pick up the rocks, examine them and learn about this part of Earth Science. It's tentatively schedule for October 9th, 5:00-6:30.

If you are interested, please contact Becky Brauer, Assistant Principal Barnes Butte Elementary.
Becky.Brauer@crookcountyschools.org

Next Club Meeting Date

We will not have a meeting in August due to our picnic

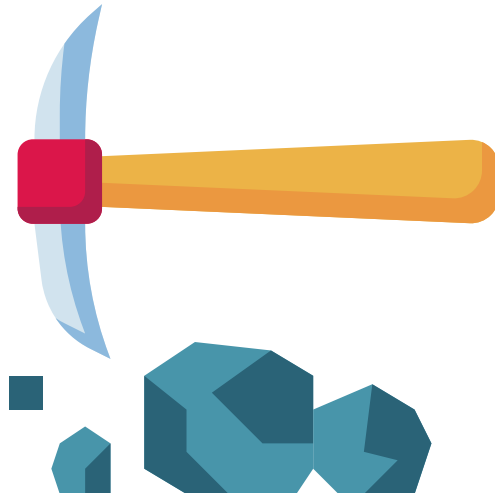
Doors open at 5:30 PM for visiting
Meeting starts at 6 PM

*Those that won a door prize last month please bring a door prize this month.

**Meetings are held every third Wednesday of every month from March through October at the OSU Extension Service Building
3800 SE Airport Way Bldg 3 "The Annex"**

Redmond, OR at 6:00 PM. The only exception is August when CORC has its annual picnic. In November, CORC has its annual holiday party. The club does not meet from December through February.

Meeting minutes can be found at corockcollectors.com



Upcoming Area Rock Shows

August 18-20 End of Summer Rock Show

Polk County Fairgrounds Rickreall, OR

Contact Person: Len Stubenrauch

wams.riverofgems@gmail.com, www.WAMSI.net

October 6-8 42nd Annual Portland Regional Gem and Mineral Show

Wingspan Event Center Building at Westside Commons

Hillsboro, OR

Contact Person: Linda Harvey - lindaharvey2010@gmail.com

For more Rock Shows please check out the February 2023 Newsletter

REMINDER:

Please mail membership form and check to:
Central Oregon Rock Collectors (CORC)
P.O. Box 6265
Bend, OR 97708

Annual membership dues are \$20 for individuals, \$25 for household
and \$5 for juniors.

You may find the form on our website at corockcollectors.com

OR

**You may now go to our website corockcollectors.com to pay your
membership dues online. Click on the Membership page.**

Club website: corockcollectors.com

Please join our Facebook page:
Central Oregon Rock Collectors

If you have any
ideas for field trips please
email Ken Lawson & Suzie
Meeker at
corc.rocks@gmail.com

CORC Board Members

April Anable
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Vice President

Tonia Smith
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Co-Program Committee Chair

Barb Thompson
Claims Chair

April Anable
Social Media & Webmaster

If you would like to reach any of the board members please email them at
corc.rocks@gmail.com

Business cards and announcements

CigarboxRock

The temporary office is a "job shack" located at 63273 Nels Anderson Rd.

Give us a call before coming in! Currently open: Tuesday-Saturday
9:00 am to 3:00 pm

CORC members receive a discount at CigarboxRock!

CBR@BENDNET.COM

Call (541)389-9663 or visit our website, <https://cigarboxrock.com>



Classified Ads: If you have a rockhound-related item you wish to advertise, send the announcement to Tonia Smith and Nancy Johnston at corcrocks@gmail.com