

In this issue

Member meeting	1
Banner image	1
August Show	2
Lapidary Shop	3
Nearby rock shows	4
Birthdays	5
Juniors — Agate	6
Field trips	7
Rock shows near and far	8
Washington State Mineral Council	9
Connect with us	10
Our Board	10
Image license attributions	10
Sister Club in Australia	11
News to share?	11



Member meeting

Monday, August 15th at 7 pm

We invite you to bring a rock or mineral for our Show and Tell. This is your chance to share that cool crystal you found on a mountain or at a rock and gem store.

You will want to bring cash or a check to buy raffle tickets and to bid in our silent auction. Beautiful and interesting specimens are sold in our silent auction and raffle each month.




This citrine specimen is an example of what you might have a chance to bid on in the silent auction

We ask that you please wear a mask in the building, because we value our friends and want to help every one of us stay Covid-free.

Banner image

The banner image is green and brown peridot xenolith in vesicular phonotephrite from the Pleistocene era in Arizona. The photo was taken by [James St. John](#). [CC BY 2.0](#).

August Show

		<h1>Maplewood</h1> <p>Rock & Gem Club Since 1951</p>	
15th Annual Rock & Mineral Sale			
August 13-14, 2022		Saturday, 9am-5pm Sunday, 10am-5pm	
All Kinds of Rock, from Rough to Jewlery		Fantastic Mineral & Fossil Specimens	
Free Rock for the Kids		Huge Selection	
Free Admission		Over 20 Dealers	
8802 - 196th St. SW Edmonds, WA 98026		 	
Our Clubhouse is located just 3 miles west of I-5.			
For club information and membership: ask.sandra@ya- hoo.com			

www.maplewoodrockclub.com
www.facebook.com/MaplewoodRCG

Lapidary Shop

Our lapidary shop is reserved for our members to use. Inside are five slab saws, three CabKing™ machines for cutting cabochons, and two trim saws.

On their first visit, new shop users will be trained on shop procedures and safety before being able to use any equipment.

Sign up for shop time

All shop users must sign up for a time slot at least a day before the session. Masks are required inside the building, including the shop.

You can [sign up for shop time online](#).

Each Thursday we have shop time available:

- Session 1: 3:00 to 5:30 pm
- Session 2: 5:30 to 8:00 pm (except on the first Thursday of each month)

What to bring

Shop users will need to bring their own

- Face mask for Covid and to ensure they don't breathe rock dust
- Apron to protect your clothes from oil lubricant in the saws, rock dust, water, and possibly more messy elements
- Hearing protectors
- \$7 cash or check to pay for each session

Shop Stewards

Paul Strawn
Rich Osborne
Bruce Samuels

Email:
Shop@maplewoodrockclub.com

Grit for sale

The Shop Stewards sell grit when the shop is open. But, you need to let them know a day ahead that you will stop by to purchase grit.

To contact the Shop Stewards, email shop@maplewoodrockclub.com

Each grit package is \$3.50, and this is what they sell:

- 1 lb of 60/90
- 1 lb of 120/220
- ¾ lb of pre-polish
- ½ lb of polish

Before you leave the shop

The shop stewards are volunteers who generously give 6 hours a week to enable us to use the tools in the shop.

Before you leave a tool station, please wipe it down and leave it in the same condition as you found it. If you discover a problem with a saw or tool, please let the Shop Steward know.

Nearby rock shows

CASCADE GEM & MINERAL SHOW
PRESENTED BY THE CASCADE MINERALOGICAL SOCIETY

AUGUST 20 & 21
SAT: 10AM - 6PM
SUN: 10AM - 4PM

FREE ADMISSION & FREE PARKING
A GREAT FAMILY EVENT
FREE ROCKS FOR KIDS
RAFFLES & SILENT AUCTIONS
VENDORS FROM ALL OVER THE PACIFIC NORTHWEST
ROUGH SPECIMENS, SLABS, CABOCHONS, JEWELRY, BEADS, AND MORE!

GREEN RIVER COLLEGE
12401 SE 329TH ST
AUBURN, WA 98092



MORE INFORMATION AT WWW.CASCADEMINERALOGICALSOCIETY.ORG

Events hosted by Cascade Mineralogical Society will fully adhere to the guidelines issued by the Centers for Disease Control (CDC) and Washington State Department of Health (WDOH) to mitigate the possible spread of COVID-19.

Southern Washington Mineralogical Society

Summer Rock Show

Aug. 26 from 10 am - 5 pm
Aug. 27 from 10 am - 4 pm

Silver Lake Grange
4200 Spirit Lake Highway
Castle Rock, WA
Take Exit #49 on I-5 and go 5 miles

Clallam County Gem and Mineral Association Rock, Gem, & Jewelry Show

Vern Burton Community Center
308 East 4th Street
Port Angeles, WA

Sept. 10th from 9 am - 5 pm
Sept 11th from 10 am - 4 pm

To everyone born in August

Happy Birthday!

**Your birthstone is peridot,
the gem variety of the mineral
olivine.**

**Peridot forms in the Earth's
upper mantle.**



Juniors – Agate

You probably have heard of agate; in fact, you probably have picked up an agate on the beach or by a river or lake. Agate is a common rock, found all over the world, including in our neighborhoods throughout Puget Sound. The main ingredients in agate are chalcedony and quartz.



Agate usually forms in open spaces in existing volcanic and metamorphic rocks. For example, volcanic rock often has cavities which were air bubbles in the lava before it cooled and hardened into rock. Over millions of years, mineral water reached those hollow spaces and the minerals stayed behind as the water seeped away. When the minerals flowing in are quartz and chalcedony, agates can begin forming on the inside walls of the cavities.

Botswana banded agate
By [Pschemp](#), [CC BY-SA 3.0](#)

After one layer forms and time passes more mineral water might seep in creating another layer on the inside wall of the space. So, little by little the hollow space can become filled with agate.



Because these flows of water often have a different mix of minerals, the layers often have different colors. Often, one layer will be quartz and the next will be chalcedony. This creates a banded agate. Over time, the mineral solution seeping in changes with a different mix of minerals, and that can cause the different layers to have different colors.

Often brightly colored agates have been dyed to enhance their color. The blue one above is probably dyed, but the red one is not.

Field trips

Contact the host a week before the trip to get details. Be sure you obtain the required parking pass, such as a Discover Pass. Arrive at the meeting site 30 minutes before the scheduled time, and be sure to have everything you might need including a full tank of gas, tools, food, water, appropriate clothes, rain gear, and first aid supplies.

The trips hosted by All Rockhounds Pow Wow have a small fee, but you get breakfast, so it's a good deal.

Below are the field trips planned for 2022.

Date	Rock	Details
Sept. 10	Thunderegg	Little Naches
	Fossil	Meet: Little Naches Hwy 410 and Forest Road 19 at 10 am
	Lilypad Jasper	Host: NOA; Tony Johnson; ynotopals@outlook.com; 253-863-9238
Sept. 10 - 11	Agate	Red Top
	Geode	Teanaway Camp at 8 am
	Jasper	Host: All Rockhounds Pow Wow; Larry Vess;
	Jade	vessel3755@gmail.com; 253-473-3908
Oct. 15	Picture Jasper	Skykomish Meet: Money Creek Campground, Hwy 2 at 9 am Tools: Rock and crack hammer Host: Ed Lehman; wsmced2@outlook.com; 425-760- 2786 or 425-334-6282
Nov. 12	Dalmation Stone	Alger
		I-5 exit 240 at 9 am
		Hard rock
		Host: Ed Lehman; wsmced2@outlook.com; 425-760- 2786 or 425-334-6282

Rock shows near and far

Date and Time	Host and Location	Details
Aug. 20, 10 am - 6 pm Aug. 21, 10 am - 4 pm	Cascade Mineralogical Society Green River College 12401 SE 320th St Auburn, WA	
Aug. 26, 10 am - 5 pm Aug. 27, 10 am - 4 pm	Southern Washington Mineralogical Society Silver Lake Grange 4200 Spirit Lake Hwy, Exit #49 on I-5 5 miles up Spirit Lake Hwy Castle Rock, WA	
Sep. 10, 9 am - 5 pm Sep. 11, 10 am - 4 pm	Clallam County Gem and Mineral Association Vern Burton Community Center 308 East 4th St Port Angeles, WA	
Sep. 24, 10 am - 5 pm Sep. 25, 10 am - 3 pm	Springfield Thunderegg Rock Club Willamalane Adult Activity Center 215 W C St Springfield, OR	
Sep. 30, 10 am - 6 pm Oct. 1, 10 am - 6 pm Oct 2, 10 am - 5 pm	Portland Regional Rock and Gem Show Wingspan Event Center 801 NE 34th Ave Hillsboro, OR	\$5 adults 12 and under are free with an adult
Oct. 1, 10 am - 5 pm Oct. 2, 10 am - 5 pm	Marysville Rock and Gem Club Evergreen State Fairgrounds Display Building #500 14405 179th Ave SE Monroe, WA	

Date and Time	Host and Location	Details
Nov. 19, 10 am - 5 pm Nov. 20, 10 am - 5 pm	Kitsap Mineral and Gem Society The President's Hall 1250 NW Fairgrounds Road Bremerton, WA	
Feb. 25, 10 am - 6 pm Feb. 26, 10 am - 5 pm	Idaho Gem Club Expo Idaho 5610 Glenwood Boise, ID	

Washington State Mineral Council

Our club, along with many other rock and gem clubs in the state, is a member of the Washington State Mineral Council. This organization helps us by

- advocating for access to public lands
- advocating for beneficial land use policies
- compiling and sharing maps and other information
- publicizing shows and field trips so members learn about and can participate in events at other clubs

Read their latest [Newsletter](#).

9am-3pm



ROCK SALE AT OUR FARM
 with
WE-R-SPHERIOUS, MIKE COLLINS AND GUEST VENDORS

We invite you to come to our farm for a outside socially distanced rock sale the second Saturday of each month from April thru September. We will have tables and tables of rocks- ie spheres, rough, polished, thunder eggs, jewelry, figurines, crystals, and of course, slabs! Please bring a bucket for your rocks and a umbrella in case of rain. Coffee, hot cocoa and tea provided to keep you warm as well as cold water to keep you cool. Please contact us if you are looking for something specific. Cash and cards are accepted.

4707 Strumme Road Bothell, WA 98012 425-280-1833
2022
SALE DATES-April9, May14, June11, July9, Aug13, Sept10

Connect with us

Website: <http://www.maplewoodrockclub.com/>

Facebook page: Maplewood Rock & Gem Club

Facebook group for members: MRGC Sales and Trades

Email us: info@maplewoodrockclub.com

Address: 8802 196th St SW, Edmonds, Washington 98026

Our Board

Our club is run entirely by volunteers; and we are grateful for the time, energy, and expertise they give to our community.

President: open position

Vice President: Ali Rizvi

Secretary: Carla James

Treasurer: Bruce Samuels

Members at large: James Davison, Nancy Ross, Paul Anderson, Paul Strawn, Rich Osborne, Nancy Samuels



Image license attributions

We use abbreviations in the license attributions. Here are the definitions.

CC: Creative Commons license

BY: attribute the author, link to the license, and indicate if changes were made.

SA: share alike - If you publish the image, you must use the same license.

ND: no derivatives - You may not alter the image.

NC: non-commercial use - You may not use the image for commercial use.

3.0 or other number: version of the license

Sister Club in Australia

Our sister club in Australia is the Atherton-Tableland Mineral & Lapidary Club in Tolga, Queensland. Connect to them on Facebook:

www.facebook.com/groups/197340266987276

One hundred million years ago the eastern edge of the Australian continent extended much farther to the east. Tectonic forces broke off and submerged the eastern section into the ocean while a rising mantle caused the remaining land to lift.

Beginning 4 million years ago large basalt flows filled river valleys and formed a relatively flat landscape. Following that period the volcanoes became more gaseous spewing lava in violent eruptions. This landscape is now called the Atherton Tablelands. You can learn more on Wikipedia.



News to share?

Please send news ideas and images you'd like to share to the newsletter editor, Nancy Samuels at MRGC@nancysamuels.com.

This issue

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