



The Rockies in Banff National Park

January
2020

Maplewood Rock and Gem Club News

Find us online

Visit our website: <http://www.maplewoodrockclub.com/home>

Connect with us on Facebook: <https://www.facebook.com/MaplewoodRCG/>

January General Meeting

We meet on the 2nd Monday this month.
Monday, January 13 at 7 pm

8802 196th St SW
Edmonds, Washington 98026

After the meeting a buffet of savory and sweet snacks will be served. If your last name begins with a letter from A to M, please bring something to share.



February General Meeting

We meet on the 2nd Monday this month.
Monday, February 10 at 7 pm

Rock of the Month

Jim Miller will give the Rock of the Month presentation on Sandstone and Quartzite.



Calendar

Date	Event
Feb. 10 at 7 pm	Meeting: Rock of the Month by Laura Hayes
Mar. 16	Meeting and Members' Garage Sale
Apr. 4 – 5	5 th Annual Spring Sale
Apr. 20	Meeting: Rock of the Month – “Cornwall England Mines” by Laura Hayes
May 18	Meeting: Rock of the Month presentation: open
June 15	Meeting: Rock of the Month presentation: open
July 20	Meeting: Rock of the Month presentation: open
Aug. 8 - 9	14 th Annual Rock and Mineral Sale
Aug. 17	Meeting: BBQ Potluck and Meet and Greet
Sept. 21	Meeting: Rock of the Month presentation: open
Oct. 19	Meeting: Rock of the Month presentation: open
Nov. 14 – 15	Annual Fall Show
Nov. 16	Meeting: Rock of the Month presentation: open
Dec. 5 – 6	Annual Winter Bazaar
Dec.	Meeting: Holiday Party

Tell us about your latest rockhounding adventure

Have you been out collecting rocks? Have you been to a great mineral museum or gem exhibit? Your friends in the Maplewood Rock and Gem Club would love to see your photos and hear about your experiences. Please email Nancy, the news editor (mrgc@nancysamuels.com) to share your story.

This image of the Willis Creek slot canyon in Escalante National Park was taken by Bruce Samuels on a recent visit.



Is your birthday in January?

Happy Birthday to everyone who was born in January!

Garnets, like this gorgeous one [photographed](#) by Rob Lavinsky, iRocks.com, are your birthstone.

The name *garnet* comes from the Latin word, *granatus*, which means "grain" or "seed". In Latin, *pomum granatum* refers to the pomegranate fruit.



Small garnet crystals are sometimes found with similar colors, sizes, and shapes of pomegranate seeds. Although garnets are usually red, they also are found in orange, yellow, green, blue, purple, pink, brown, black, and colorless. That seems to cover the spectrum!

The uses for garnets range broadly too. Stunning jewelry is crafted from transparent gems. Manufacturers employ opaque garnets as abrasives. Because the chemical composition differs for various garnets, the strength of the bonds also varies, and so the Mohs scale varies from 6.5 to 7.5. Another interesting characteristic of garnets is that they are the only natural transparent gemstones which respond to a neodymium (rare earth) magnet. To learn more about garnets, check out the Wikipedia page: <https://en.wikipedia.org/wiki/Garnet>.

Looking for a party venue?

The Maplewood Clubhouse is a great venue for gatherings. If you are planning a family reunion or a party that would overflow your home, consider renting the Clubhouse for a day. Members get 50% off the daily rate of \$350.

For more information or to schedule a date, contact Mary Ann Collins at 650-383-7625.



Our Rock Stars

In January new terms begin for the Board. Some officers are stepping down while others are stepping up, and to all we are grateful. Our club has been humming along for 69 years with volunteers working together to create all the benefits we enjoy at our club. The Board members, past and present, and all the leaders who help run our club are our Rock Stars!

Board of Directors

The Board of Directors meet on the first Thursday of every month at 7 pm, and all club members are welcome. Our new board will be installed at the January meeting.

Officers

President: Sandra Newby
Vice President: Cindy Darley
Secretary: Carla James
Treasurer: Diane Korf (until the position is filled)

Board members

Mary Ann Collins
Mike Collins
James Davison
Diane Korf, President Emeritus
Nancy Ross
Blair Wright
Cindy Wright
Mel Miles (temporary, At Large)

Leaders

- Rentals: Mary Ann Collins
- Membership: Nancy Ross
- Sunshine: Nancy Ross
- Building: open position
- Juniors: Rose Darley
- Library: Marguerite Davison
- Newsletter Editor: Nancy Samuels
- Historian: Jeni Lake
- Parliamentarian/Recorder: Eric Adams
- Publicity: open position
- Mineral Council: Bruce Samuels
- Ways and Means: Cindy Wright
- Classes: Cindy Wright
- Kitchen: Cindy and Bryce Darley
- Community and Library Displays: Joy Wiley
- Sales and Shows: Mary Ann Collins
- Lapidary Shop: Mike Collins and James Davison
- Bulletin Boards: Amy Bergin
- Internet and Facebook: Carla James
- Rock of the Month: Board manages the schedule. Most months are open.



Wire weaving bracelet class

Dana will teach a class on how to make a bracelet with wire weaving.

Saturday, January 25 from 10 am to 4 pm

Sign up with Cindy Wright at the January meeting.

Juniors

The Juniors meeting starts at 6:30, before the general meeting. Guests are free and always welcome. They do not need to come with or even know a member. If you know any kids between 5 and 12, who are interested in rocks, encourage them to come.

Encourage them even if they are not interested, because who can resist rocks once they know what they are all about.

Too many rocks at home?

Please donate rocks for our monthly Raffle and Silent Auction.

The Club's raffle, silent auction and prize programs are very popular with club members and are a major source of revenue. When the prizes are interesting, beautiful, and desired, we sell more tickets. We encourage all members to consider donating rocks that we can raffle or auction off at our monthly meetings and at club Shows in April, August and November.

Please share your knowledge



**Gary Kirchberger
talking about opals**

At every general meeting, except December's meeting, someone shares their knowledge about some aspect of rocks, gems, or minerals. This is our Rock of the Month presentation. Recently, we've learned about opals, gold, and metal detecting. Members enjoy digging a little deeper into a topic and learning.

Have you become knowledgeable over the years about labradorite? Are you a geologist who could enlighten us about how rocks were formed? If you've been rockhounding for a while, perhaps you could hone in on a topic and share your knowledge in a Rock of the Month presentation. Please talk with a Board member to learn more.

Upcoming Field Trips

The Washington State Mineral Council lists many field trips scheduled for this year, and you will find them in the table below. For updated information about field trips check out the website for the Washington State Mineral Council

<https://mineralcouncil.wordpress.com/>

Contact the host a week before the trip

At least a week before the trip, please contact the host and ask about

- New or updated details about the scheduled trip
- Whether you will need a Discover Pass, Trailhead Pass, or Forest Pass
- Fees
- Maps and directions

Club contact information

Marysville Rock Club and

Darrington Rock Club

Ed Lehman wsmced@hotmail.com

home: 425-334-6282

cell: 425-760-2786

NOA club

Tony Johnson 253-863-9238

PVGM

Dennis Bachchelor 360-870-8741

All Rockhounds Pow Wow

Larry Vess vessel3755@gmail.com or 253-473-3908

Bring with you on the trip

Arrive at the meeting place 30 minutes before the start time, and bring

- Food and drinks for the day
- Appropriate clothing for any possible weather
- Cash if there are fees
- Tools
- Map and directions
- First aid kit

Date	Rock or Mineral	Location	Details
1/25	Jade, Hematite & more	South Skagit	Host: Darrington Rock Club 9 am Hwy 9 and South Skagit Hwy park & ride Tools: stream bar
2/15	Geodes and agates	Walker Valley	Host: Marysville Rock Club 9 am Big Lake Store Tools: hard rock
3/21	Geodes, zeolites, and calcite	Beaver Valley	Host: Marysville Rock Club Beaver Valley Rd Info Center Tools: hard rock
4/4	Fossils and morel mushrooms	Racehorse Creek	Host: Darrington Rock Club 9 am Hwy 542 at roundabout 10 miles from I-5 Tools: dig and light hardrock
4/18 – 4/19	Petrified wood	Saddle Mt Mattawa	Host: All Rockhounds Pow Wow 8 am Boat Launch Tools: dig and hard rock
5/9	Talc, listwonite, etc	Cascade River	Host: Darrington Rock Club small fee 9 am Marblemount, left turn Tools: hardrock
5/23	Rainbow chert, concretions	Red Bridge Verlot	Host: Darrington Rock Club 9 am Verlot Ranger Station Tools: light hardrock
6/23 – 6/28	Agate, jasper, thunder eggs, petrified wood	Madras, OR	Host: All Rockhounds Pow Wow 8 am Jefferson Fair Ground Tools: dig and hard rock
6/27	Petrified wood, maybe opal	Saddle Mt	Host: Marysville Rock Club 9 am Mattawa W Mattawa Lep Re Kon Market (Harvest Foods) Tools: dig and hard rock
7/20	Travertine, Sauk R bars	Sweetwater	Host: Darrington Rock Club 11 am Darrington Rock Show Tools: dig and hard rock
8/17 - 8/18	Agate, jasper, opal, and petrified wood	Greenwater	Host: Dennis Bachchelor 360-870-8741 BBQ on Saturday 9 am Enumclaw Ranger Station Tools: dig and light hard rock

Date	Rock or Mineral	Location	Details
9/12 - 9/13	Geodes, agate, jasper, and jade	Red Top/ Teanaway	Host: All Rockhounds Pow Wow 8 am Teanaway at Middle Fork Campground Tools: dig and hard rock
9/19	Thunder eggs, WA Lilypad, and fossils	Little Naches	Host: Tony Johnson 253-863-9238 10 am Hwy 410 and Forest Road 19 Tools: dig and light hard rock
10/24	Picture jasper	Money Creek Skykomish	Host: Marysville Rock Club 9 am Money Creek Campground Tools: dig and river bar pick
11/21	WA dalmation stone, chert	Blanchard Hill	Host: Darrington Rock Club 9 am I-5 exit 240, Gas Mart Tools: hard rock

Silent Auction

Mandy and Sandra Newby always have varied rocks and minerals for sale in the silent auction during the monthly general meetings. Check out the table and make a bid; you just might be able to add another gorgeous rock to your collection.



Mandy Newby who runs the Silent Auction with her mother, Sandra

Shows You Won't Want to Miss

February 1 in Everett

Open: 10 am – 4 pm

February Sale by [Everett Rock and Gem Club](#)

2624 Rockefeller Ave



February 1 in Arlington

"Arlington-Stillaguamish Eagle Festival" by [Marysville Rock and Gem Club](#)

City Hall: 238 N Olympic Ave

February 8 – 9 in Oak Harbor

Open: Saturday 9 am – 5 pm and Sunday 9 am to 4 pm

"55th Annual Sweetheart of Gems Show" by Whidbey Island Gem Club

Oak Harbor Senior Center: 51 SE Jerome Street

February 28 – March 1 in Portland

Open: 9:30 am – 5 pm

"OAMS Gem and Mineral Show" by [Oregon Agate and Mineral Society](#)

[OMSI](#): 1945 SE Water Ave

You might want to also visit the nearby [Rice Museum of Rocks and Minerals](#) while you are in Portland.

February 29 – March 1 in Seattle

Open: 10 am – 5 pm

"66th Annual Rock and Gem Show" by North Seattle Lapidary & Mineral Club

Crown Hill Center: 9250 14th Ave NW

March 6 – 8 in Forest Grove, OR

Open: 10 am – 5 pm

"62nd Annual Rock and Mineral Show" by Tualatin Valley Gem Club

Forest Grove National Guard Armory: 2950 Taylor Way

March 7 – 8 in Caldwell, ID

Open: Saturday 10 am – 6 pm; Sunday 10 am – 5 pm

"66th Annual Rock and Gem Show" by Owyhee Gem and Mineral Society

O'Conner Field House: 2200 Blaine

March 14 - 15 in Filer, ID

Open: Saturday 10am - 5pm, Sunday 10am - 4pm

"70th Annual Show" by Magic Valley Gem Club

Twin Falls County Fairgrounds: 215 Fair Ave. (east of Filer on US Hwy. 30)

March 14 - 15 in Kalispell, MT

Open: Saturday 9am - 6pm, Sunday 10am - 5pm

"Gold, Gem, and Mineral Show" by Northwest Montana Rock Chucks

Flathead County Fairgrounds, Expo Building (next to grandstands): 265 North Meridian Road

March 21 - 22 in Missoula, MT

Open: Saturday 9am - 6pm, Sunday 10am - 5pm

"26th Annual Missoula Gem & Mineral Show" by Hellgate Mineral Society

Hilton Garden Inn: 2730 North Reserve St.

March 27, 28, 29 in Spokane

Open: Friday, Saturday 10am - 6pm, Sunday 10am - 4pm

"61st Annual Gem, Jewelry and Mineral Show" by Rock Rollers Club of Spokane

Adults \$6, Scout in uniform and children under 12 free

Spokane County Fair & Expo Center: N. 604 Havana

March 28 - 29 in Bellingham

Open: Saturday 10am - 6pm, Sunday 10am - 5pm

"59th Annual Rock and Gem Show" by Mt. Baker Rock & Gem Club

Bloedel-Donovan Park: 2214 Electric Ave.

March 28 - 29 in Pocatello, ID

Open: Saturday, Sunday, 10am - 5pm

"64th Annual Rock and Gem Show" by SE Idaho Gems & Mineral Society (SEIGMS)

\$2, 12 & under free/adult

Bannock County Fairgrounds: 10588 Fairground Dr.

April 4 - 5 in Edmonds

Open: Saturday 9am - 5pm, Sunday 10am - 5pm

"5th Annual Spring Sale" by Maplewood Rock and Gem Club

Maplewood Rock and Gem Clubhouse: 8802 196th ST SW

April 4 - 5 in Springfield, OR

Open: Saturday 9am - 5pm, Sunday 10am - 3pm

"63rd Annual Rock and Mineral Show" by Springfield Thunderegg Rock Club

Willamalane Adult Activity Center: 215 W C Street

April 18 - 19 in Kennewick

Open: Saturday 10am - 5pm, Sunday 10am - 4pm

"Annual Rock & Mineral Show" by Lakeside Gem & Mineral Club

\$5 adults, 12 & under free

Benton Franklin County Fairgrounds: 1500 S. Oak

April 18 - 19 in Idaho Falls, ID

Open: Saturday 10am - 6pm, Sunday 10am - 5pm

"56th Annual Show" by Idaho Falls Gem & Mineral Society

Idaho Falls Recreation Center: B Street

April 24, 25, 26 in Yakima

Open: Friday, Saturday 10am - 6pm, Sunday 10am - 4pm

"59th Annual Show" by Yakima Rock & Mineral Club

Adults \$6, Students \$2.00, 12 & under free

Central Washington State Fair Ground, Modern Living Building: 1301 South Fair Avenue

April 25 - 26 in Seattle

Open: Saturday, Sunday, 10am - 5pm

"53rd Annual Rock Show" by West Seattle Rock Club

Alki Masonic Temple: 4736 40th Ave. SW.

April 25 - 26 in Elma

Open: Saturday 10am - 5pm, Sunday 10am - 4pm

"52nd Annual Earth Treasures Rock Show" by Grays Harbor Geology and Gem Society

Grays Harbor Fair Grounds: 43 Elma-McCleary Road

May 2 - 3 in Everett

Open: Saturday 10am - 6pm, Sunday 10am - 5pm

"67th Annual Show" by Everett Rock and Gem Club

Everett Community College

Walt Price Student Fitness Center: 2206 Tower Street

May 2 - 3 in Roseburg, OR

Open: Saturday 9am - 5pm, Sunday 10am - 4pm

"50th Rock Extravaganza" by Umpqua Gem & Mineral Club

Douglas County Fairgrounds: I-5 Exit 123

May 9 - 10 in Bozeman, MT

Open: Saturday 10am - 6pm, Sunday 10am - 4pm

"Annual Rock Show" by Bozeman Gem & Mineral Club

\$3 adults, 12 & under free w/adult

Gallatin County Fair Grounds: 901 N. Black

May 23 - 24 in Newport, OR

Open: Saturday 10am - 5pm, Sunday 10am - 3:30pm

"57th Annual Gem and Mineral Show - Rock'n the Coast" by Oregon Coast Agate Club

National Guard Armory: 541 SW Coast Hwy (Hwy 101)

May 30 - 31 in Coeur d'Alene, ID

Open: Saturday 9am - 5pm, Sunday 10am - 4pm

"Annual Show" by North Idaho Mineral Club

\$4 adults, 12 & under free w/ Adult

Kootenai County Fairgrounds: 4056 North Government Way

June 6 - 7 in Butte, MT

Open: Saturday, Sunday, 10am - 5pm

"Annual Show" by Butte Mineral and Gem Club

\$3 adults, 12 & under free w/ Adult

Butte Civic Center Annex: 1340 Harrison Avenue

July 18 - 19 in Darrington

Open: Saturday, Sunday, 10am - 5pm

"Rock and Gem Show and Sale" by Darrington Rock & Gem Club

Field trip Saturday @ 11am for Travertine

Mansford Grange (behind IGA): 1265 Railroad Avenue

August 8 - 9 in Edmonds

Open: Saturday 9am - 5pm, Sunday 10am - 5pm

"14th Annual Rock and Mineral Sale" by Maplewood Rock and Gem Club

Maplewood Rock and Gem Clubhouse: 8802 196th ST SW

October 2, 3, 4 in Hillsboro, OR

Open: Friday, Saturday, 10am - 6pm, Sunday 10am - 5pm

"40th Annual Portland Regional Rock and Gem Show"

\$5, under 12 free with adult

Washington County Event Center: 873 NE 34th Avenue

October 17 - 18 in Issaquah

Open: Saturday 10am - 6pm, Sunday 10am - 5pm

"Octoberfest of Gems" by Bellevue Rock Club

Pickering Barn: 1730 10th Avenue NW

November 14 - 15 in Edmonds

Open: Saturday 9am - 5pm, Sunday 10am - 5pm

"Annual Fall Show" by Maplewood Rock and Gem Club

Maplewood Rock and Gem Clubhouse: 8802 196th ST SW

December 5 - 6 in Edmonds

Open: Saturday 9am - 5pm, Sunday 10am - 5pm

"9th Annual Winter Bazaar" by Maplewood Rock and Gem Club

Maplewood Rock and Gem Clubhouse: 8802 196th ST SW

Lapidary Shop

On Thursday afternoons members can drop in to the Lapidary Shop to make cabochons and to cut and polish stone. There are two sessions, one from 3 – 5:30 pm and another from 5:30 to 8 pm, and each session costs \$5. On the first Thursday of each month, the second session is cancelled so people can attend the Board meeting.

At the Lapidary shop safety is taken seriously. Only club members may use the shop, and your first visit will begin with a mandatory detailed safety training lesson.

When the Lapidary Shop is open, an informal group of crafters meet from 6:30 pm – 8:30 pm. Members are welcome to bring their own craft projects and enjoy a social time in the club meeting room.



We have a Sister Club in Australia!

Atherton-Tableland Mineral & Lapidary Club in Tolga, Queensland
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 into the ocean the eastern section 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](https://en.wikipedia.org/wiki/Atherton_Tablelands).