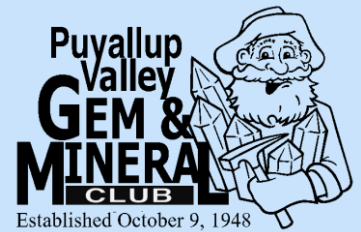


# ROCK-A-TEER



## Newsletter of the Puyallup Valley Gem & Mineral Club

Jillian Higgins

Issue 70

Volume 123

November

2023

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## President's Perspective

Tony Johnson

Thank you to everyone who helped out at the auction. The food was really good, and we had a lot of deserts. I also want to say thank you to everyone who donate material and helped us raise a lot of money for our scholarship fund.

For those who were not at the auction, we announced that long time, lifetime member Bob Ballou will be moving out of the state to Arizona before the end of the month. He has been a member of the club since 1995 and has held many positions on the board over many years. He has also been an instructor in faceting and taught a lot of members achieve their dream of cutting beautiful faceting stone.

Jim Christian's celebration of life was well attended and had many people got up and told stories of the impact Jim had in their lives. It was sad but also really nice to talk and remember and share our grief over his passing. He made a huge impact on this club and he will be very, very missed.

# Field Trip Report

## **November 18 – Twin Rivers (Joyce)**

Meeting place - 10:00Aam Joyce General Store on Hwy 112

Hunting for – Concretions

Tools you need - Rock hammer, shovel, hammer, backpack/bucket for your treasures

Access - easy terrain, based on the tides

Additional items - lunch/snacks and water, water, water. Dress for wet weather in layers

## **December 09 - Rice Museum**

Meeting place - 26385 Northwest Groveland Dr., Hillsboro, OR 97124

Hunting for - Rock pile for children to prospect a specimen, Looking at museum displays

Tools you need - Camera if you would like to take pictures

Access - Wheel chair accessible

Additional items - lunch/snacks and water, water, water. Dress in layers. Well worth the trip with displays of all kinds of minerals from the northwest

Please remember that even though we love to meet new people, fieldtrips are a member benefit and part of your membership dues covers you for injury liability.

Though injuries are rare, and we do everything we can to avoid them, we are going out into nature, and uncontrollable environment.

All individuals attending field trips will have to sign a release of liability, and if you are bringing guests, we will try to entice them into join the club by having Membership applications available.

## NOVEMBER 2023 CLUB HOUSE SCHEDULE

DATE	DAY	TIME	ACTIVITY	LOCATION	INSTRUCTOR
1	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
2	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
3	Friday				
4	Saturday	10:00AM-2:00PM	Members Open Access	Club House	Tony Johnson
5	Sunday				
6	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tacha Parker
7	Tuesday	4:00PM-8:00PM	Members Open Access - Beginner	Club House	Ed & Renera
8	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Wire Wrapping	Club House	Tony Johnson
9	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
10	Friday	6:00PM	Club Board Meeting	Fruitland Grange	Kevin Higgins
		7:30PM	Club Business Meeting	Fruitland Grange	Tony Johnson
11	Saturday	10:00AM-2:00PM	Wire Wrapping - Pumpkins	Club House	Miguel Lee
12	Sunday				
13	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tacha Parker
		7:00PM-8:00PM	Opal Club Business Meeting	Club House	Tony Johnson
14	Tuesday	4:00PM-8:00PM	Members Open Access - Beginner	Club House	Ed & Renera
15	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Opal Cutting	Club House	Tony Johnson
16	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
17	Friday				
18	Saturday	10:00AM-2:00PM	Members Open Access	Club House	Tony Johnson
		10:00AM-2:00PM	Twin Rivers (Joyce)	Field Trip	Dennis Batchelor
19	Sunday				
20	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tacha Parker
21	Tuesday	4:00PM-8:00PM	Members Open Access - Beginner	Club House	Ed & Renera
22	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
23	Thursday		<b>THANKSGIVING CLOSED</b>		
24	Friday	7:30PM	Bingo Night	Fruitland Grange	Tony Johnson
25	Saturday	10:00AM-2:00PM	Intarsia	Club House	Tony Johnson
26	Sunday				
27	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tacha Parker
28	Tuesday	4:00PM-8:00PM	Members Open Access - Beginner	Club House	Ed & Renera
29	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Wire Weaving	Club House	Jillian Higgins
30	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson

**For questions about a specific class or event, contact the instructor**

Dennis Batchelor (360) 870-8741	Ed Knoll (253) 651-7453	Tony Johnson (253) 863-9238
Tasha Parker (206) 291-8068	Kevin Higgins (253) 579-3404	Glen Ripper (253) 508-7545
Renera Barnes rsb1224@netscape.com	Jillian Higgins (253) 355-3146	Nate White (206) 349-7054

\*\*\* **Members Open Access** is the time when members can use the saws and cabbng machines

**This schedule is subject to change. Please check the club website for updated information.**

## MEET THE MEMBERS

Name: **Tasha Parker**

Favorite Quote: "A smooth sea never made a skilled sailor."

What are your skills/past experience with the rock Club or rock hounding?

I have always loved beach combing or finding little treasures in nature. I have also always been a sucker for a rock shop or show. And now that I have joined the club this past summer, I have been loving learning all different aspects of this hobby.

What is your favorite rock, mineral or gem?

This changes every time I see a cool rock! Labradorite was my gateway mineral. I also love obsidian and moss agate.

What is your favorite thing to do with rocks, minerals or gems?

I have loved the process of rockhounding a raw piece and transforming it into a beautiful polished cabochon. I am just waiting to learn some metal smithing to take it to a finished jewelry piece.

What are your three favorite books/podcasts?

- Name of the Wind by Patrick Rothfuss
- We Can Do Hard Things - Podcast
- Currently Rockhounding – on YouTube

What is your favorite memory surrounding rockhounding/rocks in general?

The club's second day up at Greenwater this year when we found the big vein of black and red agate. It was so cool everyone getting involved – even Tony jumping down in the hole for a turn! We all came together to help and share in the bounty. No greed or gate keeping and left plenty for the next rockhounds to come along.

In your opinion, what is the best thing about the Puyallup Valley Gem & Mineral Club?

The people for sure. It feels great to find others that like all thing's rocks. So many great people that are generous with sharing knowledge, experience, slabs, and stories.

In your opinion, where/how does the club need to improve?

More diversity or rotation in classes at the clubhouse.

What are three (3) things people might not know about you?

- That I was adopted
- I am still trying to find out what I want to do when I grow up! I have been a licensed esthetician and manicurist, professional chef, commercial fisherman, heavy equipment operator. Currently looking for the next thing!
- I am a recovering protectionist, lol.

What is your greatest accomplishment? Learning to love and accept myself.

# Puyallup Valley Gem & Mineral Club Membership Renewal

\*\*\* PLEASE PRINT LEGIBLY \*\*\*

Web Site: <http://puyallupvalleygemandmineralclub.com>

**ANNUAL MEMBERSHIP DUES:** ▶ Single - \$25.00 ▶ Family (2 or more) - \$30.00

[Dues are due October 1<sup>st</sup> for the next calendar year and half price beginning July 1<sup>st</sup> for the current year]

YEAR: **2024**

**FOR FAMILY MEMBERSHIPS, ALL INDIVIDUALS MUST LIVE AT THE SAME RESIDENCE**

SINGLE RENEWAL

FAMILY RENEWAL

PRINT YOUR FIRST AND LAST NAME:

DATE OF BIRTH:

NOTE ANY CHANGES OF ADDRESS, PHONE, EMAIL, ETC, BELOW. IF SAME AS LAST YEAR, JUST CIRCLE "SAME"  
IF YOU CIRCLE "NEW", PLEASE ENTER THE NEW INFORMATION BELOW.

ADDRESS: (CIRCLE ONE) **SAME OR NEW**:

PHONE: (CIRCLE ONE) **SAME OR NEW**:

EMAIL: (CIRCLE ONE) **SAME OR NEW**:

OTHER: (CIRCLE ONE) **SAME OR NEW**:

**FOR FAMILY MEMBERSHIP, CONFIRM/NAME OTHER FAMILY MEMBERS BELOW AND CIRCLE 'ADULT' OR 'CHILD' (under 18)**

(Circle one) **Adult OR Child**

DATE OF BIRTH:

(Circle one) **Adult OR Child**

DATE OF BIRTH:

(Circle one) **Adult OR Child**

DATE OF BIRTH:

**Please let the Membership Chairperson know as soon as any changes occur in the above information!**

Names, addresses and phone numbers are provided to the Club Treasurer, Membership Chairperson and Board Members.

>>OTHER THAN THE ABOVE, PVG&MC DOES NOT SHARE YOUR PERSONAL INFORMATION<<

Give this completed form and your payment to the Treasurer or mail to: **PVG&MC, P.O. Box 134, Puyallup, WA 98371**

**For Expedited processing mail to: Jillian Higgins c/o PVG&MC, 22509 120th St. Ct. E. Bonney Lake, WA 98391**

\*\*\* NEVER SEND CASH THROUGH THE MAIL \*\*\* **Make checks payable to: PVG&MC** \*\*\*

[Upon receipt of this form with payment, a membership card will be created for you and be available by email, or mailed upon request.]

As a member of the Puyallup Valley Gem & Mineral Club, I agree to abide by the rules of the Rock Hounding Code of Ethics, the Standard Operating Procedures, and the BY-LAWS of the Puyallup Valley Gem & Mineral Club.

Member's Signature:

Date:

**Official Use Only:**

Amount: \$ \_\_\_\_\_

Membership #: \_\_\_\_\_

Cash

Check [# \_\_\_\_\_]

Card Issue Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Credit Card

Roster Entry Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Receiver's Initials: \_\_\_\_\_

Email Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

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Revised September 4, 2021

## Special Recognition

### Debbie and Larry Mays

Debbie and Larry invited me (a stranger from a different club), to jump in their truck and spend a couple of days with them. They made me feel welcome and helped me have an amazing weekend with a group of strangers.

By: Lynz Taylor

If you have a member or members you would like to have recognized, you can find the special recognition form on the club website under FORMS (top right side). Fill out the form and email it to [PVGAMC@gmail.com](mailto:PVGAMC@gmail.com) for it to be read at the next club meeting and written into a segment piece in a newsletter.

## Associations Director Report

Not a whole lot to report this month other than the Washington State Mineral Council (WSMC) is looking for people to run for its board of directors.

The WSMC is dedicated to the location and conservation of rock and mineral sites of interest to rockhounds in the state of Washington. They also dedicate themselves to educating the general public to the benefits of lapidary, rock, mineral and fossil collecting hobbies as family-oriented activities that all ages can participate in. The WSMC is comprised of representatives from 25 rock and mineral collecting/lapidary clubs from around our state.

WSMC also produces a map booklet of rock, mineral and fossil collecting sites scattered around the state. It is sold at various rock and mineral club shows around the state. It is the WSMC's main source of income other than dues. They are also looking for some people to form a committee to update the booklet. If you are interested you can attend the next WSMC meeting on Tuesday 1/16 at 7:30PM at the Maplewood Clubhouse located in Edmonds or email at [mineralcouncil@zoho.com](mailto:mineralcouncil@zoho.com)

Mark Baumann

PVG&MC Associations Director



## Sodalite

*The blue gem material, ornamental and architectural stone.*

Article by: [Hobart M. King, PhD, RPG](#)



**Sodalite:** Pieces of polished sodalite. Image by Adam Ognisty, used here under a [GNU Free Documentation License](#). [Click to enlarge](#).

**Sodalite** is a rare [rock-forming mineral](#) best known for its blue to blue-violet color. It has a chemical composition of  $\text{Na}_4\text{Al}_3\text{Si}_3\text{O}_{12}\text{Cl}$  and is a member of the feldspathoid [mineral](#) group. High-quality sodalite is used as a [gemstone](#), a sculptural material, and an architectural stone.

Sodalite occurs in [igneous rocks](#) that crystallized from sodium-rich magmas. This is the origin of the

name "sodalite." These magmas also contained so little silicon and aluminum that [quartz](#) and [feldspar](#) minerals are often absent. Sodalite-bearing rocks include: nepheline syenite, trachyte, and phonolite. These types of rocks are so rare that most geologists never see them in the field.

Well-known sources of sodalite include: Litchfield, Maine; Magnet Cove, Arkansas; northern Namibia; Golden, British Columbia; Bancroft, Ontario; Kola Peninsula of Russia; and the Ilimaussaq intrusive complex of Greenland.

**Nepheline syenite with sodalite:** Nepheline syenite rich in light blue sodalite. This rare material is sold as a dimension stone for interior use under the trade name of "sodalite granite." Found near Ice River, British Columbia, Canada. Specimen is approximately 3 inches (7.6 centimeters) across.

Sodalite is a member of a mineral group known as "feldspathoids." They are rare aluminosilicate minerals that contain abundant calcium, potassium, or sodium. Examples are sodalite, nepheline, leucite, nosean, hauyne, lazurite, cancrinite, and melilite. These minerals often occur in igneous rocks, the veins and fractures that cut them. They also occur in contact [metamorphic rocks](#).



© geology.com

## Physical Properties of Sodalite

Chemical Classification	Silicate
Color	Often bright blue to violet-blue with white veining. Also gray, white, green, colorless, yellow, red.
<a href="#">Streak</a>	White, bluish
<a href="#">Luster</a>	Vitreous to greasy
Diaphaneity	Translucent to transparent
Cleavage	Poor cleavage in six directions that is usually unnoticed. Breaks by conchoidal fracture.
<a href="#">Mohs Hardness</a>	5.5 to 6
Specific Gravity	2.2 to 2.4
Diagnostic Properties	Blue color, associated with feldspathoid minerals, especially nepheline. Differentiated from lapis by its darker blue color and an absence of pyrite. Often produces a weak orange fluorescence under shortwave or longwave ultraviolet light.
Chemical Composition	$\text{Na}_8(\text{Al}_6\text{Si}_6\text{O}_{24})\text{Cl}_2$
Crystal System	Cubic
Uses	A semiprecious gemstone often used to produce cabochons, beads, and tumbled stones. An ornamental stone often used to make small sculptures. "Sodalite granite" is a rare nepheline syenite with minor to abundant sodalite that is cut as a dimension stone for interior use. A less costly alternative to lapis lazuli.



**Sodalite granite:** A close-up of the "sodalite granite" from Ice River, British Columbia, Canada.

Sodalite is usually blue to blue-violet in color and found with nepheline and other feldspathoid minerals. It is usually translucent, with a vitreous [luster](#), and has a [Mohs hardness](#) of 5.5 to 6.

Sodalite often has white veining, and it can be confused with [lapis lazuli](#). Small amounts of sodalite are present in many specimens of lapis lazuli. If significant [pyrite](#) is present, the specimen is not sodalite.

Sodalite is a member of the cubic crystal system, but well-formed crystals are rarely found. It is usually massive in [habit](#) and breaks with a conchoidal fracture rather than exhibiting its poor cleavage.





**Sodalite tumbled stones:** Tumbled stones of sodalite. Pieces shown are about 5/8" to 1" in diameter.

The best way to learn about minerals is to study with a collection of small specimens that you can handle, examine, and observe their properties. Inexpensive mineral collections are available in the [Geology.com Store](https://www.geology.com/store). Image copyright iStockphoto / Anna Usova.

Sodalite as a Gemstone

Blue is a rare color for rocks and minerals. When was the last time you found a rock with a vivid blue color? Have you ever found one in nature? When a blue rock - especially one capable of serving as a [gem material](#) - is found it immediately has a market. Sodalite is one of the only vivid blue materials that is still sold at a reasonable price.

But, sodalite can be hard to find in finished jewelry. It is rarely seen in mall jewelry stores, and it is seen less often in high-profile jewelry stores. Most jewelry customers are not familiar with sodalite, and very few of them are asking for it in stores. Stores stock what customers want to buy.

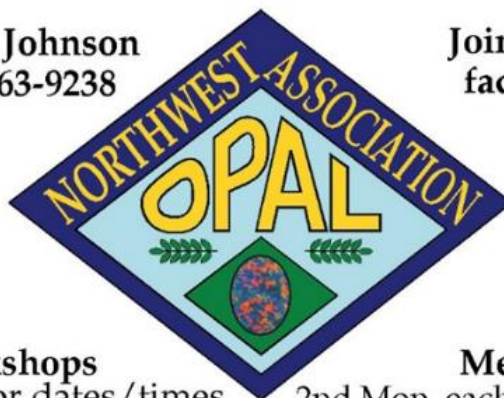
The place to find sodalite in jewelry is at craft and lapidary stores and shows. Part of the reason that sodalite is not widely used in commercial jewelry is that cut cabochons vary so much in appearance that it is difficult to impossible to produce a standardized product line.

Sodalite is sometimes confused with lapis lazuli. Some specimens have a similar color and the presence of white veining is found in both materials. This gives sodalite the opportunity to be used as a less expensive alternative gem for people who like lapis lazuli but don't want to pay the high price.

Sodalite cabochons, beads and tumbled stones are beautiful and many people enjoy them. They are available at prices that fit almost anyone's budget. A limitation on sodalite's use in jewelry is its hardness of 5.5 to 6 on the Mohs scale. It will be quickly scratched if used in a ring or bracelet. It therefore is best used in earrings, pins, pendants, and other items that will not subject the sodalite to impact or abrasion.

**Tony Johnson**  
253-863-9238

**Join us on  
facebook**



**Workshops**  
call for dates/times

**Meetings**  
2nd Mon. each month

# My Gemstones

## The Pretty, The Odd, The Rare... Tremolite

Stone size and shape: .84 ct., 6mm round cut

Some information: chemical composition – hydrous calcium magnesium silicate  $\text{Ca}_2\text{Mg}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$ ;

MOHS hardness – 5-6; specific gravity – 2.99-3.03

Tremolite, first identified in 1789 in Switzerland, is a member of the amphibole group, an important rock-forming mineral and among a rather extensive collection of other minerals. In the Greek it means ambiguous but can also mean “to put round, put on (clothing), encompass, be doubtful, or in dispute.” French priest and mineralogist Rene Just Haüy (1743-1822) named it because it was relatively difficult to tell it apart from tourmaline, staurolite, and pyroxene. I will not go into a description of this group of minerals other than to say that other amphibole members that might be



familiar include: actinolite, riebeckite, cummingtonite, hornblende, glaucophane, crocidolite, and hexagonite. The latter is related to tremolite and is a red to pink, lilac to purple manganoan variety. At high geologic temperatures tremolite converts to diopside, a calcium magnesium silicate.

Pure magnesium tremolite is a creamy white but as iron content increases the color grows to a darker green. It can also be grey-brown, green, colorless, white, lavender, light yellow, and pink. Perhaps tremolite, along with actinolite, is best known as a component of nephrite jade. Nephrite has a crystalline form consisting of a mat of tightly interlocking fibers. This makes jade a tough material and though not hard like some other minerals it is very durable and lends itself to carving, especially as noted over the centuries and millennia in China.

A couple other characteristics of tremolite are pleochroism and fluorescence. As for the former pleochroism is the ability of a gemstone to exhibit a different color when viewed from a different angle. In the case of tremolite it is distinct and can display blue-red, pink, and violet. As for the latter with fluorescence there can be white, blue, greenish, orange, and red.

On the downside with tremolite its fibrous form is one of six known types of asbestos. It should be fairly common knowledge of the dangers posed by these minerals once used in a variety of products. On the other hand, as an asbestos it is known for its heat resistance and was used in the past in insulation, paint, sealants, roofing, and plumbing. It is no longer mined as it is responsible for asbestos-related cancer and other diseases. It is also found as a contaminant in other minerals such as talc and vermiculite.

## COMMUNITY SUPPORTERS

	<p style="text-align: center;"><b>South Hill RV Sales</b></p> <p style="text-align: center;">Offering the highest rated starter, midline, and high end towables and RVs at the lowest prices which has made us a top volume dealer in Washington state.</p> <p style="text-align: center;">12414 Meridian East, Puyallup 98373 253-435-7751 or 866-435-7751 <a href="http://www.southhillrv.com">www.southhillrv.com</a></p>
	<p style="text-align: center;"><b>Rice Museum of Rocks &amp; Minerals</b></p> <p style="text-align: center;">To engage, inspire, and educate generations on the splendor and complexity of our Earth.</p> <p style="text-align: center;">26385 NW Groveland Dr., Hillsboro, OR 97124 503-647-2418 <a href="mailto:Info@ricenorthwestmuseum.org">Info@ricenorthwestmuseum.org</a> <a href="http://www.ricenorthwestmuseum.org">www.ricenorthwestmuseum.org</a></p>
<p style="text-align: center;">H &amp; I Lapidary</p>	<p style="text-align: center;">Amber, Jewelry, Beads, Findings, Gemstones, Slabs, Rough Material, Fossils, and Aussie items.</p> <p style="text-align: center;">Mike and LaVon Siperek (253) 531-7294 4203 E 99<sup>th</sup> Street, Tacoma, WA 98446 <a href="mailto:Yankees_Diesel@comcast.net">Yankees_Diesel@comcast.net</a></p>

## SUNSHINE REPORT

With everything going on, we have started meeting again, but our attendance at the meetings is still low as members are staying safe. As a group we need to bring to eachother's attention members who need healing thoughts or prayer sent their way.

If you know of anyone else who needs to be recognized in next months Sunshine Report , please email or call Tony Johnson at [ynotopals@outlook.com](mailto:ynotopals@outlook.com) (253) 863-9238



## Field Trip Recap

Nate White



The day was a nice and clear with mild temperatures. We had about 22 people show up. When we first started walking in everyone took a minute to look at the salmon. Everyone was able to find good rocks to take home. Richard and Maria helped with breaking rocks open for everyone to choose from. It turned out to be a great day for Rockhounding.



## Clubhouse report

Tony Johnson

The ramp has been completely replaced, sealed and painted and is fully functional now. The side rails will be finished soon and it will be all done.

We got some new office chairs in the clubhouse that will hopefully make your experience cabbing more comfortable.

We are planning on redoing the kitchen floor in December, when the clubhouse is closed. We will be assessing when needs to be replaced and will possibly be asking for help once we know what the project needs.

## FROM THE BENCH

### Quick and Functional Bails

Sometimes when I am finishing a piece, I don't want to futz around with creating a super elaborate bail. I have a really easy but still beautiful way to make a simple bail. I use a jump ring.

Depending on the size of the piece of jewelry I am making, I will select an appropriate gauge jump ring (usually no smaller than 20 gauge and no bigger than 14 gauge). Holding the jump ring with the split facing up, I will grip the ring in a set of flat nose pliers between halfway up the ring to 3/4<sup>th</sup> of the ring gripped in the pliers. Holding the pliers horizontally, parallel with my work table, I will position my jewelers saw blade flush with the top of the pliers, then saw horizontally until I have cut off the two sides of the ring, creating a bow.

Because the ring is cut flush to the pliers, it makes it really easy to affix both ends to the top of a jewelry piece for soldering. Being already curved, they make perfect bails.

## Local Area Shows for 2023/24

DATE & TIME	CLUB	SHOW	LOCATION
October 2023 29th 9am - 4:30pm 30th 9am—4:30pm	Parksville & Courtenay Gem & Mineral Clubs	Annual show	Qualicum Beach Civic Centre 747 Jones St Qualicum Beach, BC
November 2023 4th 10am - 5pm 5th 10am - 5pm	Delta Rockhound Gem & Mineral Club	Annual show	South Delta Rec Centre 1720 - 56 Street (Tsawwassen) Delta, BC
November 2023 11th 9am - 5pm 12th 10am - 4pm	Skagit Rock & Gem Club	Treasures of the Earth	Sedro Woolley Community Center 703 Pacific St Sedro Woolley WA 98284
November 2023 17th 1pm - 6pm 18th 10am - 5pm 19th 10am - 3pm	Abbotsford Rock & Gem Club	Annual show	Matsqui Community Hall, 33676 St. Olaf St. Abbotsford BC
November 2023 18th 9am - 4:30pm 19th 9am - 4:30pm	Parksville & Courtenay Gem & Mineral Clubs	Annual show	Qualicum Beach Civic Centre 747 Jones St. Qualicum Beach, BC
November 2023 18th 10am - 5pm 19th 10am - 5pm	Kitsap Mineral and Gem Society	Fall Festival of Gems	The President's Hall 1200 NW Fairgrounds Road Bremerton, WA
February 2024 10th 9am—5pm 11th 9am—5pm	Whidbey Island Gem Club	Annual Gem Show	Oak Harbor Senior Center 51 SE Jerome St. Oak Harbor WA
February 2024 23rd 9am—5:50pm 24th 9am—5:50pm 25th 9am—5pm	Oregon Agate & Mineral Society	73rd Annual show	Oregon Museum of Science and Industry (OMSI) 1945 SE Water Ave. Portland, OR
March 2024 2nd 10am - 6pm 3rd 10am - 5pm	East KingCo Club	Annual Rock and Gem Show	Pickering Barn 1730 10th Ave NW Issaquah, WA
March 2024 23rd 10am—5pm 24th 10am - 5pm	SE Idaho Gems & Mineral Society (SEIGMS)	Annual Rock and Gem Show \$3, 12 & under free/adult	Bannock County Fairgrounds 10588 Fairground Dr. Pocatello ID 83201
April 2024 20th 10am - 5pm 21st 10am - 4pm	Lakeside Gem & Mineral Club	27th Annual Rock & Mineral Show \$5 adults, 12 & under free	Benton Franklin County Fairgrounds Building 2, 1500 S. Oak Kennewick, WA
April 2024 27th 10am - 5pm 28th 10am - 5pm	West Seattle Rock Club	56th Annual Rock Show	Alki Masonic Temple 4736 40th Ave. SW. Seattle, WA
May 2024 4th 10am—5pm 5th 10am—5pm	Everett Rock and Gem Club	69th Annual show	Evergreen State Fairgrounds 18359 Cascade View Drive Monroe, WA.
May 2024 4th 9am—5pm 5th 10am—4pm	Umpqua Gem & Mineral Club	52nd Annual Show “One More Rock”	Douglas County Fairgrounds 2110 Frear Ave, I-5 Exit 123 Roseburg, OR
May 2024 10th 10am - 6pm 11th 10am - 5pm 12th 10am - 4pm	Hatrockhounds Gem & Mineral Society Host 2024 NFMS	\$5/ \$12 for all 3 days Natures Treasures Underfoot	Eastern Oregon Trade & Event Center 1705 East Airport Road Hermiston OR
June 2024 14th 10am—5pm 15th 9am—5pm 16th 10am—4pm	Lower Umpqua Gem & Lapidary Society	Annual Rock and Gem Show	Reedsport Community Building 451 Winchester Avenue Reedsport OR



## 2023 SHOW & TELL THEMES and PROGRAM NIGHT EVENTS

MEETING	DATE	SHOW & TELL THEME	PROGRAM NIGHT EVENT
January - 1st Meeting	January 13, 2023	Rocks & Their Uses or <b>any field trip finds</b>	
January - 2nd Meeting	January 27, 2023	Fortification or <b>any field trip finds</b>	TBD
February - 1st Meeting	February 10, 2023	Copper Related or <b>any field trip finds</b>	
February - 2nd Meeting	February 24, 2023	Hearts Made of Stone or <b>any field trip finds</b>	Carl Carlson
March - 1st Meeting	March 10, 2023	Quartz/Phantom Crystals or <b>any field trip finds</b>	
March - 2nd Meeting	March 24, 2023	Thundereggs, Geodes & Nodules <b>any field trip finds</b>	Jerry's Rock Shop
April - 1st Meeting	April 14, 2023	Wired-Up (Anything with wire) or <b>any field trip finds</b>	
April - 2nd Meeting	April 28, 2023	<b>No Show &amp; Tell</b>	Auction/Potluck
May - 1st Meeting	May 12, 2023	Rocks Only a Mother Could Love or <b>any field trip finds</b>	
May - 2nd Meeting	May 26, 2023	<b>No Show &amp; Tell</b>	Mineral Council
June - 1st Meeting	June 9, 2023	Lace Agates or <b>any field trip finds</b>	
June - 2nd Meeting	June 23, 2023	<b>No Show &amp; Tell</b>	Tailgate Party @ Grange Parking Lot
July - 1st Meeting	July 14, 2023	Red, White, & Blue or <b>any field trip finds</b>	
July - 2nd Meeting	July 28, 2023	<b>No Show &amp; Tell</b>	Jerry's Rock Shop
August - 1st Meeting	August 11, 2023	Carnelians or <b>any field trip finds</b>	
August - 2nd Meeting	August 25, 2023	<b>No Show &amp; Tell</b>	Picnic & Tailgate Party at club house on Saturday
September - 1st Meeting	September 8, 2023	Your Choice or <b>any field trip finds</b>	
September - 2nd Meeting	September 22, 2023	<b>No Show &amp; Tell</b>	Mini Demonstration Day
October - 1st Meeting	October 13, 2023	Jasper or <b>any field trip finds</b>	
October - 2nd Meeting	October 27, 2023	<b>No Show &amp; Tell</b>	Auction/Potluck
November - 1st Meeting	November 10, 2023	Opals or <b>any field trip finds</b>	
November - 2nd Meeting	November 24, 2023	<b>No Show &amp; Tell</b>	BINGO Night
December - 1st Meeting	December 9, 2023	<b>No Show &amp; Tell</b>	Holiday Banquet/Officer Installation on Saturday
December - 2nd Meeting	No Meeting	<b>No Show &amp; Tell</b>	

## 2023 Elected Officers

Title	Name	Phone	Email
President:	Tony Johnson	(253)863-9238	ynotopals@outlook.net
Vice President:	Kevin Higgins	(253)579-3404	kevlar016@hotmail.com
Secretary:	Patti Dailey-Shives	(253)678-0029	pattidailey28@gmail.com
Treasurer:	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Association Director:	Mark Baumann	(253-310-5891	rocksnreptiles4me@gmail.com
1 Year Director:	Glen Ripper	(253)508-7545	glen311944@yahoo.com
2 Year Director:	Richard Yang	(208)596-8340	ryang0711@gmail.com
1 Year Trustee:	Glenn Rodrick	(253)531-4062	gtrodi@comcast.net
2 Year Trustee:	Dennis Batchelor	(360)870-8741	hobbyhorse51@gmail.com

## 2023 Committee Chairs

Title	Name	Phone	Email
Clubhouse Coordinator	Tony Johnson	(253)863-9238	ynotopals@outlook.net
Club Show Coordinator	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Field Trips Coordinator	Nathan White	(206)349-7054	nate.white77@gmail.com
Web Master	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Editor/Communications	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Membership	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Sunshine	Tony Johnson	(253)863-9238	ynotopals@outlook.net
Newsletter	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Mineral Council	Mark Baumann	(253-310-5891	rocksnreptiles4me@gmail.com



**WASHINGTON STATE MINERAL COUNCIL**

The Puyallup Valley Gem & Mineral Club is a member of the American Lands Access Association and the Washington State Mineral Council. You can find more information about the ALAA at: [amlands.org](http://amlands.org) or the WA Mineral Council at:

# HAPPY BIRTHDAY

## November 2023

Jeff Hochstrasser – 2<sup>nd</sup>  
 Terry Wilson – 2<sup>nd</sup>  
 Vivian Rody – 3<sup>rd</sup>  
 Aya Saito Held – 4<sup>th</sup>  
 Tracy Murphy – 5<sup>th</sup>  
 Corynne Sperry – 5<sup>th</sup>  
 Kim Sirianni – 7<sup>th</sup>  
 Brenda Brandon – 10<sup>th</sup>  
 Tim Kleefeld – 10<sup>th</sup>  
 Patty Milligan – 10<sup>th</sup>  
 Karah Matheson – 11<sup>th</sup>  
 Jim Kesic – 12<sup>th</sup>  
 Dennis Batchelor – 13<sup>th</sup>  
 Janet Nix – 14<sup>th</sup>  
 Bob Ballou – 16<sup>th</sup>  
 Teresa Drivas – 16<sup>th</sup>  
 Jeffrey Morrison – 16<sup>th</sup>  
 Tiffany Sires – 16<sup>th</sup>  
 Kaya Marseillan – 20<sup>th</sup>  
 Titus Cornelius – 20<sup>th</sup>  
 Mark Eberlein – 20<sup>th</sup>  
 Sarah Kleefeld – 21<sup>st</sup>  
 Vernon Ng – 21<sup>st</sup>  
 Mel Urschel – 21<sup>st</sup>  
 Lathanya Lakenes – 22<sup>nd</sup>  
 Rachel Redling-Nelson – 22<sup>nd</sup>  
 Angellque Hines – 23<sup>rd</sup>  
 Rebecca Hendrickson – 23<sup>rd</sup>  
 Timothy Kostenko – 23<sup>rd</sup>  
 Vorian Armstrong – 25<sup>th</sup>  
 John G. Huber – 25<sup>th</sup>  
 Chloe Lovre – 26<sup>th</sup>  
 Matthew Roth – 26<sup>th</sup>  
 Cherie Kuranko – 26<sup>th</sup>  
 Don Myers – 26<sup>th</sup>  
 Anita Hartmann – 28<sup>th</sup>  
 Mark Sires – 28<sup>th</sup>  
 Teresa Harris – 29<sup>th</sup>  
 Deirdre Quigley – 30<sup>th</sup>

## 'C' IS FOR CALCIUM

G R O S S U L A R B T E T S O V M  
 L C H A B A Z I T E T S I R A E I  
 A O O N L M M E T I L E E H C S C  
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 B E L Y D U N H K I E C E C R V E  
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 R A T R S R N A I E E I E N T A I  
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 D U P E L E T I N O T S A L L O W

- |                |                  |                  |
|----------------|------------------|------------------|
| 1. ANDRADITE   | 11. DOLOMITE     | 21. INESITE      |
| 2. ANHYDRITE   | 12. EKANITE      | 22. OKENITE      |
| 3. APOPHYLLITE | 13. EPIDOTE      | 23. PREHNITE     |
| 4. CALCITE     | 14. GLAUBERITE   | 24. SCHEELITE    |
| 5. CHABAZITE   | 15. GROSSULAR    | 25. SCOLECITE    |
| 6. COLEMANITE  | 16. GYPSUM       | 26. TITANITE     |
| 7. CONICALCITE | 17. HEDENBERGITE | 27. ULEXITE      |
| 8. CREEDITE    | 18. HEULANDITE   | 28. VESUVIANITE  |
| 9. DANBURITE   | 19. HEXAGONITE   | 29. WOLLASTONITE |
| 10. DIOPSIDE   | 20. HOWLITE      |                  |



# ROCK-A-TEER

Newsletter of Puyallup Valley

Gem & Mineral Club

P.O. Box 134

Puyallup, WA 98371