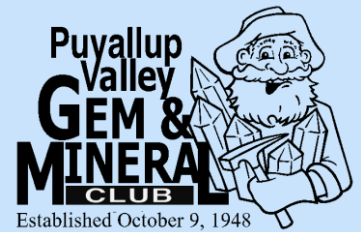


# ROCK-A-TEER



## Newsletter of the Puyallup Valley Gem & Mineral Club

Jillian Higgins

Issue **77**

Volume 129

June

2024

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## President's Perspective

Tony Johnson

The club show is this first weekend in June. We are anticipating this to be a wonderful show with lots of vendors. Thank you to everyone who volunteered to assist at the show.

The next couple of months are going to be pretty busy for the club so mark your calendars for the following:

- June – Club Show
- June – Club Tailgate for the Program night
- July – Jerry's Rock Shop for the Program night
- August – Mike and LaVon's annual Sale 1<sup>st</sup> weekend
- August – Show in the Trees – 2<sup>nd</sup> weekend
- August – Overnight Field Trip at Greenwater – 3<sup>rd</sup> weekend
- August – Club Picnic – 4<sup>th</sup> weekend (Saturday only)
- September – WA State Fair Starts – we will need volunteers

# Field Trip Report

### **June 21st and 23rd – Wild Turkey Mine**

Meeting place – 9:00am through 4:00pm daily

Hunting for – Noble Serpentine

Tools you need - Rock hammer, shovel, pry bar, hammer, chisel and a backpack/bucket for your treasures

Access - this area is fairly easy to access

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

### **July 20<sup>th</sup> - Red Top**

Meeting place - 10:00AM at Mineral Springs Recreational mile marker 156 on hwy 97

Hunting for - Agate, Jasper, Fossil Shells and Crystal Plates

Tools you need - Rock hammer, shovel, pry bar, hammer, chisel and a backpack/bucket for your treasures

Access - Moderate climb up a steep road cut.

Additional items - lunch/snacks and water, water, water. Dress in layers. Be prepared for ticks/mosquitoes

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.

## JUNE 2024 CLUB HOUSE SCHEDULE

DATE	DAY	TIME	ACTIVITY	LOCATION	INSTRUCTOR
1	Saturday		<b>ANNUAL CLUB SHOW</b>		
2	Sunday		<b>ANNUAL CLUB SHOW</b>		
3	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tasha Parker
4	Tuesday	4:00PM-8:00PM	Members Open Access	Club House	Wes Ames
5	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
6	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
7	Friday				
8	Saturday	10:00AM-2:00PM	Knapping	Club House	Craig Oda
9	Sunday				
10	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tasha Parker
		7:00PM-8:00PM	Opal Club Business Meeting	Club House	Tony Johnson
11	Tuesday	4:00PM-8:00PM	Members Open Access	Club House	Wes Ames
12	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Wire Wrapping	Club House	Tony Johnson
13	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
14	Friday	6:00PM	Club Board Meeting	Fruitland Grange	Nate White
		7:30PM	Club Business Meeting	Fruitland Grange	Tony Johnson
15	Saturday	10:00AM-2:00PM	Members Open Access	Club House	Tony Johnson
16	Sunday				
17	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tasha Parker
18	Tuesday	4:00PM-8:00PM	Members Open Access	Club House	Wes Ames
19	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Opal Cutting	Club House	Tony Johnson
20	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
21	Friday				
22	Saturday	10:00AM-2:00PM	Intarsia	Club House	Tony Johnson
		See Fieldtrip Report	Wild Turkey Mine	Field Trip	Nate White
23	Sunday				
24	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tasha Parker
25	Tuesday	4:00PM-8:00PM	Members Open Access	Club House	Wes Ames
26	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
27	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
28	Friday	6:00PM	Tailgate in Parkinglot	Fruitland Grange	Tony Johnson
29	Saturday	10:00AM-2:00PM	Opal Cutting	Club House	Tony Johnson
30	Sunday				

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

Dennis Batchelor (360) 870-8741	Wes Ames (253) 376-7871	Tony Johnson (253) 753-5938
Tasha Parker (206) 291-8068	Nate White (206) 349-7054	Jillian Higgins (253) 355-3146

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

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

## MEET THE MEMBERS

Name: **Jerry Rheault**

Favorite Quote: Mae West: "Is that a pistol in your pocket, or are you just happy to see me?"

What are your skills/past experience with the rock Club or rock hounding? Since I began my rock hunting career at the ripe age of 8 years old, I've become experienced at the majority of rock processing. I even had my own gemstone company (House of Stone) when I was 21 years old.

What is your favorite rock, mineral or gem? Montana Agates

What is your favorite thing to do with rocks, minerals or gems? To find the best part of each stone, bring it out, and enhance God's beauty.

What are your three favorite books/podcasts?

- When I was young, I found the dictionary so fascinating
- Technical manuals
- World history

What is your favorite memory surrounding rockhounding/rocks in general? My early rock hound trips with Lavon Logan (now Siperek) who was at the time, one of my grade school teachers, and with Harley Day who started taking me on his rock hound adventures when I was 8 years old until I was 18. Harley's biggest moment was when I was 10-11 years when he found a large pink limb cast loaded with dendrites that weighed about 7#. I helped him dig it out and never saw him so excited!

In your opinion, what is the best thing about the Puyallup Valley Gem & Mineral Club? My 1<sup>st</sup> meeting of the PVG&MC was when I was 8 years old in 1964 with my rock hound mentor Harley Day. Best thing was the display at the Puyallup Fair. It was a huge endeavor!

In your opinion, where/how does the club need to improve? My biggest concern is that the club has a concrete plan when Mike & LaVon leave the helm.

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

- I am the last Master Optician in the State of Washington
- I'm able to take a chunk of glass & hand grind a lens to the correct power of prescription (and I'm able to make the frame to put them in)
- I can fix just about anything, from blowing up a stump to repairing a micro machine.

What is your greatest accomplishment? Helping people work through conflict.

### Clubhouse report

**Tony Johnson**

It is the Annual Club Show at the first of June. The clubhouse will be closed from May 29<sup>th</sup> – June 2<sup>nd</sup>. I hope you will be able to make it to the show and see all the vendors and club members who will be helping the club put on this wonderful event.

The clubhouse is running at almost full capacity. With the summer months coming up, we recommend you get scheduled as early as possible to make sure the availability at the clubhouse aligns with your schedule. **Additionally, if you only want to use the saws, please either use the dropdown option to indicate that, or write it in the notes so we can open up a cabbng machine to fellow members.**

## Associations Director Report

Hello my fellow rockhounds and pebblepups.

Things are starting to ramp up for more rockhounding adventures. Hopefully everyone is primed and ready to go.

First off let's clear up some misinformation that has been floating around about jade mining and collecting being shut down. This is both true and false. The true part is that no new jade mines are going to be allowed from now on and all existing mines will be slowly shut down over the next 5 years. The false part is that it covers all of British Columbia. It does not. This action only affects the northwestern part of B.C. especially the area near Dease Lake which is about 1,750 kilometers northwest of Vancouver.

Next up it was asked of me if the Washington State Gold and Fish pamphlet applies to rockhounding. It only is applicable if you are planning on mining for gold or anything other precious metals in any DNR controlled waterways.

Lastly if everything goes according to plan the Washington State Mineral Council will have locked down a renewal of the Walker Valley lease by the end of last month (May). This lease will be for the next 10 years.

Respectfully submitted by  
**Mark Baumann**  
Associations Director



### Field Trip Recap

**Nate White**

It was a good morning for the field trip. There were about 17 cars and about 28 people. There wasn't as much gravel bed exposed due to rain and snow melt. But there was still plenty of area to explore and find rocks. Lots of different types of rocks green and ones with interesting patterns to find. I think everyone had a good time looking around at all the different rocks in the area.



# Stromboli Volcano - Italy

Article by Jessica Ball



A view of the island known as "Stromboli." A plume rises from the volcanic vent with the same name. The island has a population of a few hundred people. This view shows the northeast side of the island where most of their dwellings are located. Image copyright iStockphoto / miralex.

Stromboli is one of the most active [volcanoes](#) on Earth and has been erupting almost continuously since 1932. Because it has been active for much of the last 2,000 years and its eruptions are visible for

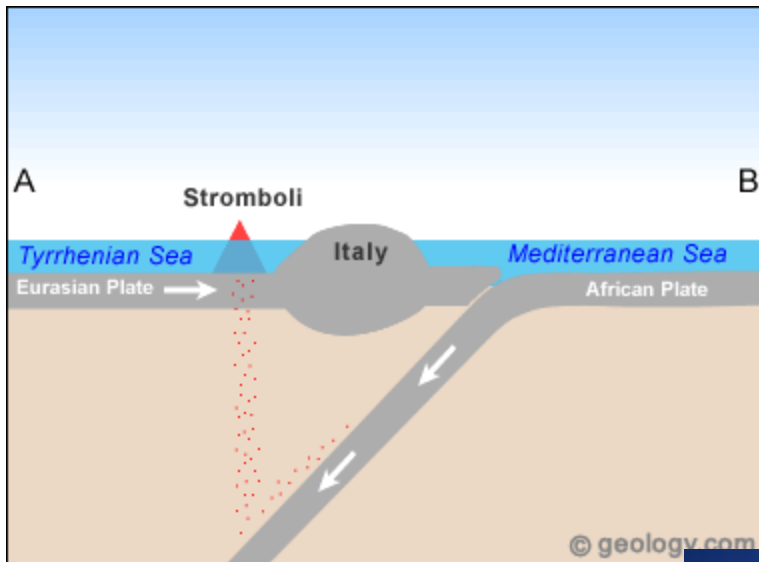
long distances at night, it is known as the "Lighthouse of the Mediterranean". Located off the coast of southern [Italy](#), it is among the world's most visited volcanoes.

Stromboli is widely known for its [spectacular eruptions](#) which jet fountains of molten rock from its lava-filled central crater. Because these eruptions are so distinctive and well known, geologists use the word "[Strombolian](#)" to clearly describe similar eruptive activity at other volcanoes.

Stromboli forms the northeastern-most of the Aeolian islands. Its base begins over 1000 meters below the surface of the Tyrrhenian Sea and it rises to an elevation of 924 meters above sea level.

Map showing the location of Stromboli, in the Tyrrhenian Sea. Map by Geology.com and MapResources. Nearby Volcanoes: [Etna](#), [Vesuvius](#).





Simplified plate tectonics cross-section showing how Stromboli is located above a subduction zone formed where the Eurasian and African plates collide.

Like [Mount Etna](#) on the island of Sicily, Stromboli is a part of the Calabrian volcanic arc. The volcanoes of the Calabrian arc are associated with the subduction of the African tectonic plate under the Eurasian plate. Stromboli is located on a NE-SW trending fault system, but the mechanisms which feed the volcano's [magma chamber](#), and their relationship to the fault system, are poorly understood.

Stromboli venting steam. Stromboli is a stratovolcano that begins at the bottom of the Tyrrhenian Sea and rises to an elevation of 924 meters (3031 feet) above sea level. This is a view of the eastern side of the island and the Sciara del Fuoco (Stream of Fire) collapse scar, which funnels tephra and lava flows to the sea. Image copyright iStockphoto / ToolX.



The island of Stromboli was built by a series of eruptions of potassium-rich [basalt](#) and basaltic [andesite](#) lavas. The first eruptions began about 200,000 years ago, and formed the now-eroded Strombolicchio volcano. Starting around 160,000 years ago, the island of Stromboli proper began forming. For the next 150,000 years, lava flows and pyroclastic deposits built a stratovolcano, which was eventually covered by pyroclastic deposits, lahars and lava flows. The Neostromboli period saw the formation of the modern volcanic edifice, which involved numerous flank and summit [caldera](#) collapses. The current eruptive vents are located at the top of the Sciara del Fuoco (Stream of Fire), a large collapse scar on the northwest side of the island which formed about 5,000 years ago.

### *Facts About Stromboli*

**Location:** Aeolian Islands, Italy  
**Coordinates:** 38.789°N, 15.213°E  
**Elevation:** 924 m (3,031 ft)  
**Volcano Type:** Stratovolcano  
**Last Eruption:** Ongoing  
**Nearby Volcanoes:** [Etna](#) [Vesuvius](#)

Stromboli is the type location for the "Strombolian" style of eruptions. Strombolian eruptions are mild explosive events where "slugs" of gas periodically rise through a magma-filled volcanic conduit, burst at the surface, and throw bits of lava into the air. The lava falls as bombs (larger than about 3 inches in size) and [scoria](#) (smaller fragments), and eventually builds into a steep-sided [volcanic cone](#).

The Sciara del Fuoco poses the most serious [volcanic hazard](#) on Stromboli. A catastrophic sector collapse would not only displace large volumes of material and possibly expose [dike](#) systems on the volcano's NW slope; it could also create a tsunami, which could cause much damage if it reached any of the other islands in the Aeolian [archipelago](#) or the Sicilian coast.



View of Stromboli erupting at sunset, jetting basaltic magma high in the air to form an incandescent "fountain." This is the type of eruption known as "Strombolian." Image copyright iStockphoto / lucamanieri.

Activity at Stromboli has been recorded by historians for more than 1,000 years, and varies from mild degassing to lava flows to violent explosive eruptions. Records from 1907 indicate that one explosion was strong enough to shatter windows in the island's villages, and strong explosions in 1930 were associated with an earthquake that also created a small tsunami. The most recent eruption began in 1932, and has continued essentially uninterrupted since then.

Periodically, Stromboli's eruptive style transitions, and vents near the summit produce lava flows that are funneled by the Sciara del Fuoco to the sea; the most recent of these occurred in 2002 and 2007. One theory that has been suggested to explain the transition is that the magma in Stromboli's summit conduit occasionally forces open dikes on the NW flank, and is erupted as lava flows rather than through gas-driven explosions.

In Jules Verne's novel *Journey to the Center of the Earth* (*Voyage au Centre de la Terre*), Axel and Otto Lidenbrock emerge from their subterranean journey from the volcano on Stromboli:

"Right above our heads, at a great height, opened the crater of a volcano from which escaped, from one quarter of an hour to the other, with a very loud expression, a lofty jet of flame mingled with pumice stone, cinders, and lava. I could feel the convulsions of Nature in the mountain, which breathed like a huge whale, throwing up from time to time fire and air through its enormous vents...

'Come si noma questa isola?' - 'What is the name of this island?' 'Stromboli,' replied the rickety little shepherd, dashing away from Hans and disappearing into the olive groves. We thought little enough about him.

"Stromboli! What effect on the imagination did these few words produce! We were in the center of the Mediterranean, amidst the eastern archipelago of mythological memory, in the ancient Strongylos, where Aeolus kept the wind and the tempest chained up. And those blue mountains, which rose toward the rising of the sun, were the mountains of Calabria."

*Journey to the Center of the Earth*, Chapter XLIII

Jessica Ball is a graduate student in the Department of Geology at the State University of New York at Buffalo. Her concentration is in volcanology, and she is currently researching lava dome collapses and pyroclastic flows. Jessica earned her Bachelor of Science degree from the College of William and Mary, and worked for a year at the American Geological Institute in the Education/Outreach Program. She also writes the [Magma Cum Laude blog](#), and in what spare time she has left, she enjoys rock climbing and playing various stringed instruments.



More Stromboli Information

Smithsonian Institution Global Volcanism Program Website: [Stromboli page](#).

Gates, A.E. and Ritchie, D., 2007, Encyclopedia of Earthquakes and Volcanoes, Third Edition: New York, NY, Checkmark Books, 346 p.

Italy's Volcanoes: The Cradle of Volcanology: [Stromboli Volcano](#).

Mattia et al., 2008, Geophysical investigations of the plumbing system of Stromboli volcano (Aeolian Islands, Italy). Journal of Volcanology and Geophysical Research, v. 176, n. 4, p. 529-540.

Verne, Jules, 1864, Journey to the Center of the Earth (Voyage au Centre de la Terre).

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 RV's 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;"><b>H &amp; I Lapidary</b></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>

## FROM THE BENCH

Do you have material that you love, but can't work with it because it is too soft or crumbly? I know I do, and I would prefer to turn it into usable material rather than just leaving it as a display.

How do you go about this? Is there a process? What is it called?

These are all the questions I asked myself when I came across some outstanding chrysocolla but it was way too soft for me to use. It just kept breaking into pieces when I went to preform or cab it. Asking around the club, people told me I needed to stabilize my stone. That's what the process of taking a soft material and adding a hardening agent to it to make it more stable.

Awesome... having a name is half the battle, now the Google and I can figure out the rest. Have you every typed into a search engine "How do I stabilize a rock for lapidary use?" Try it and see what happens. Needless to say, there is a tone of information out there and lots of products to help keep your rocks from breaking apart.

Again, I went to the membership, and you guys pointed me to a product called "Hotstuff". Said it works wonderful. I have been too busy (scared) to try it but I am positive it works.

## 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

## You Know You are Having an Interesting Rockhounding Experience When...

1. That persistent whining drone is not a distant Air Force training exercise. Instead, every bloodsucking mosquito in the county is gunning for that big bull's eye drawn on you. Lucky you that in some areas of the world malaria is still a problem. FYI...it's also the Texas and North Carolina state bird.
2. You're either on the mother lode or the pickings are sparse for all the (aerobic) labor you put in and there never seems to be enough daylight.
3. You seem to work twice as hard as your neighbor and find only half as much of the 'good stuff'. Their crowing and hooting becomes s a little hard to take after a while. Maybe next time your hope for a good role reversal will be realized!

## 2024 SHOW & TELL THEMES and PROGRAM NIGHT EVENTS

MEETING	DATE	SHOW & TELL THEME	PROGRAM NIGHT EVENT
January - 1st Meeting	January 12, 2024	Crystals or <b>any field trip finds</b>	
January - 2nd Meeting	January 26, 2024	Last Years Purchase or <b>any field trip finds</b>	Field Trips
February - 1st Meeting	February 9, 2024	Red & Pink or <b>any field trip finds</b>	
February - 2nd Meeting	February 23, 2024	Hearts Made of Stone or <b>any field trip finds</b>	Carl Carlson
March - 1st Meeting	March 8, 2024	Green or <b>any field trip finds</b>	
March - 2nd Meeting	March 22, 2024	Geodes <b>any field trip finds</b>	Jerry's Rock Shop
April - 1st Meeting	April 12, 2024	Obsidian or <b>any field trip finds</b>	
April - 2nd Meeting	April 26, 2024	<b>No Show &amp; Tell</b>	Auction/Potluck
May - 1st Meeting	May 10, 2024	Thundereggs or <b>any field trip finds</b>	
May - 2nd Meeting	May 24, 2024	<b>No Show &amp; Tell</b>	Fluorescent Minerals
June - 1st Meeting	June 14, 2024	Any Agates or <b>any field trip finds</b>	
June - 2nd Meeting	June 28, 2024	<b>No Show &amp; Tell</b>	Tailgate Party @ Grange Parking Lot
July - 1st Meeting	July 12, 2024	Metals or <b>any field trip finds</b>	
July - 2nd Meeting	July 26, 2024	<b>No Show &amp; Tell</b>	Jerry's Rock Shop
August - 1st Meeting	August 9, 2024	Jaspers or <b>any field trip finds</b>	
August - 2nd Meeting	August 24, 2024	<b>No Show &amp; Tell</b>	Picnic & Tailgate Party at club house on Saturday
September - 1st Meeting	September 13, 2024	Gemstones or <b>any field trip finds</b>	
September - 2nd Meeting	September 27, 2024	<b>No Show &amp; Tell</b>	Mini Demonstration Day
October - 1st Meeting	October 11, 2024	Opals or <b>any field trip finds</b>	
October - 2nd Meeting	October 25, 2024	<b>No Show &amp; Tell</b>	Auction/Potluck
November - 1st Meeting	November 8, 2024	Serpentine/Jade or <b>any field trip finds</b>	
November - 2nd Meeting	November 22, 2024	<b>No Show &amp; Tell</b>	BINGO Night
December - 1st Meeting	December 14, 2024	<b>No Show &amp; Tell</b>	Holiday Banquet/Officer Installation on Saturday
December - 2nd Meeting	No Meeting	<b>No Show &amp; Tell</b>	

## Local Area Shows for 2024

DATE & TIME	CLUB	SHOW	LOCATION
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
May 2024 10th 10am - 8pm 11th 10am - 6pm 12th 10am - 5pm	BC Rock and Gem show	Treasures of the Earth Gold, Silver & Copper Explored	Chilliwack Heritage Park 44140 Luckakuck Way Chilliwack, BC
May 2024 11th 10am - 6pm 12th 10am - 4pm	Bozeman Gem & Mineral Club	Annual Rock Show \$3 adults, 10 & under free w/adult	Gallatin County Fair Grounds 901 N. Black, Bldg. #1 Bozeman, MT
May 2024 18th 9am—5pm 19th 10am—4pm	Butte Mineral and Gem Club	Annual Show \$3 adults, 12 & under free w/Adult	Butte Civic Center Annex 1340 Harrison Avenue Butte MT
May 2024 25th 9am - 6pm 26th 10am - 4pm	Clackamette Mineral & Gem Club	59th Annual Show	Clackamas County Fairgrounds 694 NE 4th Ave Canby, OR
May/June 2024 31st 12pm—5pm 1st—10am—5pm 2nd—10am—5pm	Puyallup Valley Gem and Mineral Club	Valley of the Gems	Swiss Park 9205 198th Ave. E. Puyallup, WA
June 2024 1st 10am—5pm 2nd 10am—4pm	North Idaho Mineral Club	Annual Show \$5 adults, 12 & under free w/Adult	Kootenai County Fairgrounds Jacklin Building 4956 North Government Way Coeur d'Alene ID
June 2024 13 through 16 Thurs—Sat 9am—5pm Sun 9am—4pm	Prineville Rockhound Pow Wow	Annual Jewelry, Gem, and Mineral Show \$10 field trips/person	Crook County Fairgrounds 120 S. Main St. Prineville, 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
June 2024 22nd 10am—6pm 23rd 10am—5pm	Bitterroot Gem And Mineral Society	Treasures of the Universe 19th Annual Gem show \$3/children under 12 free	Ravali County Fairground Farmer's State Bank Event Bldg 100 Old Corvallis Rd Hamilton, MT
June 2024 28th 10am - 5pm 29th 10am - 5pm 30th 10am—3pm	Mt Hood Rock Club	Mt Hood Rock Club's Rock and Gem Show	Kliever Memorial Armory 10000 NE 33rd Dr. Portland, OR., 97211
June 2024 29th 10am - 5pm 30th 10am - 5pm	Cascade Mineralogical Society	Annual show	Kent Commons 525 4th Ave N Kent, WA
July 2024 20th 10am—5pm 21st 10am—5pm	Darrington Rock & Gem Club	Rock and Gem Show and Sale  Field trip Saturday	Mansford Grange 1265 Railroad Avenue Darrington, WA, (behind IGA)
July 2024 26th 9am—6pm 27th 9am—6pm 28th 9am—5pm	Washington Agate and Mineral Society	2024 Rock & Gem Rendezvous	Tenino City Park 300 Park Ave W Tenino WA

## 2024 Elected Officers

Title	Name	Phone	Email
President:	Tony Johnson	(253)753-5938	johnsontony068@gmail.com
Vice President:	Dennis Batchelor	(360)870-8741	hobbyhorse51@gmail.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:	Richard Yang	(208)596-8340	ryang0711@gmail.com
2 Year Director:	Tasha Parker	(206)291-8068	surfange1830@gmail.com
1 Year Trustee:	Nathan White	(206)349-7054	nate.white77@gmail.com
2 Year Trustee:	Glenn Rodrick	(253)531-4062	gtrodi@comcast.net

## 2024 Committee Chairs

Title	Name	Phone	Email
Clubhouse Coordinator	Tony Johnson	(253)753-5938	johnsontony068@gmail.com
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)753-5938	johnsontony068@gmail.com
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

## June 2024

Susie Diedrich – 1<sup>st</sup>  
 Benjamin Small – 2<sup>nd</sup>  
 Daniel Walsh – 2<sup>nd</sup>  
 Jeanne Williams – 2<sup>nd</sup>  
 Larry Mays – 3<sup>rd</sup>  
 Donna Arnold – 4<sup>th</sup>  
 Kevin O’Keefe – 5<sup>th</sup>  
 Anthony Orantes – 7<sup>th</sup>  
 Jennifer Barnstien – 9<sup>th</sup>  
 Rahwiya Fryer – 10<sup>th</sup>  
 Kalabria Fleming – 10<sup>th</sup>  
 Richey Martin – 10<sup>th</sup>  
 Erynn O’Keefe – 10<sup>th</sup>  
 Herbert Campbell – 11<sup>th</sup>  
 Edward Wejrowski – 11<sup>th</sup>  
 Jessica Roderiques – 12<sup>th</sup>  
 Luca Harper – 12<sup>th</sup>  
 Matthew Sorensen – 12<sup>th</sup>  
 Carol Wallace – 13<sup>th</sup>  
 Robert Milligan – 15<sup>th</sup>  
 Melanie Morales – 15<sup>th</sup>  
 Gabriel Sanchez – 16<sup>th</sup>  
 Makenzi Baker – 17<sup>th</sup>  
 James Hall – 18<sup>th</sup>  
 Danny Englander – 20<sup>th</sup>  
 Roger Forsythe – 21<sup>st</sup>  
 Jessica Blacknall – 22<sup>nd</sup>  
 Susan Crawford – 23<sup>rd</sup>  
 Daniel Hirschhorn – 26<sup>th</sup>  
 Connie Villegas – 26<sup>th</sup>  
 Lisa Ellis – 27<sup>th</sup>  
 Genn Rodrick – 28<sup>th</sup>  
 Sumer Todd-Harding – 29<sup>th</sup>  
 Diana Barnett – 30<sup>th</sup>  
 Laura ORourke – 30<sup>th</sup>  
 Connor ORourke – 30<sup>th</sup>

## MINERALS IN A LITE WAY

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

- |               |               |               |
|---------------|---------------|---------------|
| 1. AMBER      | 9. INDERITE   | 17. PETALITE  |
| 2. ANALCIME   | 10. JET       | 18. SCOLECITE |
| 3. BRUCITE    | 11. MELLITE   | 19. SEPIOLITE |
| 4. CHABAZITE  | 12. MESOLITE  | 20. SODALITE  |
| 5. ETTRINGITE | 13. MOLDAVITE | 21. SULFUR    |
| 6. GYPSUM     | 14. NATROLITE | 22. TURQUOISE |
| 7. HAUYNE     | 15. OBSIDIAN  | 23. ULEXITE   |
| 8. HOWLITE    | 16. OPAL      | 24. WAVELLITE |



COURTESY: D HUMPHREY (RIGHT)

# ROCK-A-TEER

Newsletter of Puyallup Valley

Gem & Mineral Club

P.O. Box 134

Puyallup, WA 98371