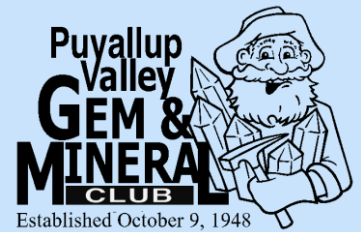


# ROCK-A-TEER



## Newsletter of the Puyallup Valley Gem & Mineral Club

Jillian Higgins

Issue 51

Volume 104

April

2022

### THIS ISSUE

President's Perspective P.2  
Field Trip Report P.2  
April Club House Schedule P.3  
Meet the Member - Larry Mays P.4  
Association's Director Report P.5  
Abandoned Mines and Quarry's Report P.6-9  
Field Trip Recap Damon Point. P.10  
Community Supporters P.10  
From the Bench P.11  
Mineral of the Month P.11  
2022 Show and Tell P.12  
2022 Officers and Chairs P.13  
Upcoming Shows P.14  
Word Search P.15  
Happy Birthdays P.15

P.O. BOX 134, PUYALLUP, WA 98371

WWW.PUYALLUPVALLEYGEMANDMINERAL.CLUB.COM

PVGAMC@GMAIL.COM

(253) 987-6751

## President's Perspective

Tony Johnson

It is that time where we are looking for volunteers from the club to start to fill in the spots needed at our show in June. There are sign-up sheets getting passed around for the various areas like the kitchen, kids' area, club sales, etc. at the meetings but if you are not able to attend the meetings, please call either myself (253) 863-9238 or Jillian Higgins (253) 355-3146 and we will get you plugged into whatever area you are interested in. If you don't know what each entail, please call us and we will give you a breakdown of what is required and help you find your best fit.

First Club Auction of 2022 will be April 23<sup>rd</sup> from 6:00 – 9:00. We will be sending out our customary club email with all the details but I just want to highlight the following;

- This is to raise funds for our Scholarship, so all proceeds are going towards helping further the education of future Earth Scientists
- All items are donated by club members in one form or another
- There is a kids only area, so remember to bring items for kids (if you like it, they will like it)

# Field Trip Report

## April 16 - Saddle Mountain

Meeting place - 10:00AM at the Shell Station at 723 Government Way, Mattawa, WA

Hunting for - Petrified Wood

Tools you need - Shovel and Rockhammer and a backpack/bucket for your treasures

Access - this area is fairly easy to access, walking down 300 feet on a slight incline (more important for when you come back up)

Additional items - lunch/snacks and water, water, water. Dress in layers. After done, if there is interest, we can go to the diomaceous earth and common opal sight

## May 21<sup>st</sup> – Skagit River

Meeting place – 9:00 at Covington Fred Meyer

Hunting for – Jade, Serpentine, & Jasper

Tools you need – Rock hammer, shovel, pry bar, hammer, chisel, hip waders, rubber boots for in the river and a backpack/bucket for your treasures

Access – Easy access, limited parking

Additional items - lunch/snacks and water, water, water. Dress in layers. **A Discover Pass.**

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.

## APRIL 2022 CLUB HOUSE SCHEDULE

DATE	DAY	TIME	ACTIVITY	LOCATION	INSTRUCTOR
1	Friday				
2	Saturday	10:00AM-2:00PM	Members Workshop	Club House	Glen Ripper
3	Sunday				
4	Monday	10:00AM-2:00PM	Members Workshop	Club House	Glen Ripper
5	Tuesday	4:00PM-8:00PM	Members Workshop	Club House	Ed & Renera
		7:00PM	Club Board Meeting	Fruitland Grange	Kevin Higgins
6	Wednesday	10:00AM-2:00PM	Members Workshop	Club House	Dennis Batchelor
		4:00PM-8:00PM	Wire Wrapping	Club House	Tony Johnson
7	Thursday	4:00PM-8:00PM	Members Workshop	Club House	Tony Johnson
8	Friday	7:30PM	Club Business Meeting	Fruitland Grange	Tony Johnson
9	Saturday	10:00AM-2:00PM	Wire Weaving - Frameing	Club House	Jillian Higgins
10	Sunday				
11	Monday	10:00AM-2:00PM	Members Workshop	Club House	Dennis Batchelor
		7:00PM-8:00PM	Opal Club Business Meet.	Club House	Tony Johnson
12	Tuesday	4:00PM-8:00PM	Members Workshop	Club House	Ed & Renera
13	Wednesday	10:00AM-2:00PM	Members Workshop	Club House	Dennis Batchelor
		4:00PM-8:00PM	Opal Cutting	Club House	Tony Johnson
14	Thursday	4:00PM-8:00PM	Members Workshop	Club House	Tony Johnson
15	Friday				
16	Saturday	10:00AM-2:00PM	Saddle Mountain	Field Trip	Dennis Batchelor
		10:00AM-2:00PM	Members Workshop	Club House	Glen Ripper
17	Sunday				
18	Monday	10:00AM-2:00PM	Members Workshop	Club House	Glen Ripper
19	Tuesday	4:00PM-8:00PM	Members Workshop	Club House	Ed & Renera
20	Wednesday	10:00AM-2:00PM	Members Workshop	Club House	Dennis Batchelor
		4:00PM-8:00PM	Wire Wrapping	Club House	Tony Johnson
21	Thursday	4:00PM-8:00PM	Members Workshop	Club House	Tony Johnson
22	Friday	6:00PM	Club Auction & Potluck	Fruitland Grange	Tony Johnson
23	Saturday	10:00AM-2:00PM	Intarsia	Club House	Tony Johnson
24	Sunday				
25	Monday	10:00AM-2:00PM	Members Workshop	Club House	Glen Ripper
26	Tuesday	4:00PM-8:00PM	Members Workshop	Club House	Ed & Renera
27	Wednesday	10:00AM-2:00PM	Members Workshop	Club House	Dennis Batchelor
		4:00PM-8:00PM	Opal Cutting	Club House	Tony Johnson
28	Thursday	4:00PM-8:00PM	Members Workshop	Club House	Tony Johnson
29	Friday				
30	Saturday	10:00AM-2:00PM	Opal Cutting	Club House	Tony Johnson
Dennis Batchelor (360) 870-8741			Ed Knoll (253) 651-7453		Tony Johnson (253) 863-9238
Renera Barnes rsb1224@netscape.com			Jillian Higgins (253)355-3146		Glen Ripper (253) 508-7545

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

## MEET THE MEMBERS

Name: **Laurence (Larry) C. Mays**

Favorite Quote: "You want the Truth, you can't handle the Truth."

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

What is your favorite rock, mineral or gem? Petrified Wood

What is your favorite thing to do with rocks, minerals or gems? Tumble, and cut/slab

What are your three favorite books/podcasts?

- All the Gem Trails Books
- Rockhounding Books.
- .

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

As a young child I can remember wading in different creeks and filling my pockets.

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

The comradery and willingness to help and teach other members.

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

More field trips

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

- Love Old Cars
- I was born in Gooding, ID
- I lost my son to suicide in 2000, he was 20

What is your greatest accomplishment?

Retired from the Army and the Washington State Department of Corrections.

## Clubhouse report

## Tony Johnson

We are looking for new instructors at the club house, not that any of our current instructors are going anywhere, but sometimes they need a break or have things in life pop up.

You do not need to be able to cut a perfect cab or understand the complete ins and outs of the equipment. You just need to be able to talk to people and help them. Open up the club house, turn on the heater or A/C, and maybe make a pot of coffee. We will teach you all the other things so that you are comfortable.

If you are at all interested in volunteer your time to the club in this much need way, please contact Tony Johnson at (253) 863-9238 or by email at ynotopal@outlook.net.

## *Associations Director Report - March 2022*

**Washington State Mineral Council** – made up of reps from over 25 rock and mineral clubs in Washington, <https://mineralcouncil.wordpress.com/>.

Right now, the Mineral Council is in flux and rebuilding after the death of two instrumental members – Bob Pattie and Treasurer Kathy Earnst. As happens with many organizations, they are finding out how much was done by these two and are working to fill the gaps left by their passing. PVGMC has offered to help them with these efforts as needed.

### **NEXT FIELD TRIPS**

4/16/2022 – Racehorse Creek – Fossils and morel mushrooms. Meet on Mt. Baker Highway 10 miles from 1-5 @ 9 a.m.

4/23-24/2022 – Saddle Mountain – Petrified Wood. Meet at Mattawa Buckshot boat launch @ 8 a.m.

### **UPCOMING MEETINGS**

2022 General Meetings: 4/30, 6/11 and 9/24. At this time they are hoping to have them in-person. But no final decision has yet been made.

### **WALKER VALLEY UPDATE**

If the gate is locked, park off the side of the road, so not to block traffic, and walk around the gate. The collecting area is less than 250 feet from the gate. Be sure to have a Discover Pass for each vehicle or you might get ticketed as the quarry is on state property.

Be sure to fill out the Walker Valley Questionnaire about conditions during your field trip.

### **Walker Valley Questionnaire**

### **RED TOP ACCESS UPDATE**

Access to the rockhounding parking site is open and currently being used. Damage to the road has been repaired and slow travel is recommended going to the top. The area is presently fire restricted. Updated 09/14/12

### **Mineral and Fossils in Washington**

(from WA DNR website)

Updated 09/01/19

### **Grizzly bear habitat maps from North Cascades Ecosystem Grizzly Bear Restoration Plan/Environmental Impact Statement, Washington**

### **Discover Pass required for Washington State Lands**

Updated 04/19/12

# Abandoned Mine and Quarry Accidents Claim Several Lives per Year

Most of the victims are young and went to the quarry to swim or ride an ATV.

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



**Abandoned mine structure:** Structures at abandoned mine sites are often dangerous and unstable. They can also house dangerous chemicals or explosives. Stay out of these structures. Bureau of Land Management image.

## Dangerous Places!

Abandoned mines and quarries are dangerous places! In a typical year, several people die in accidents that occur in abandoned mines across the United States. Some of these deaths can be prevented if citizens know the danger of these properties; if landowners make better efforts to

warn and limit access; and, if governments have improved programs for reclaiming or regulating them.

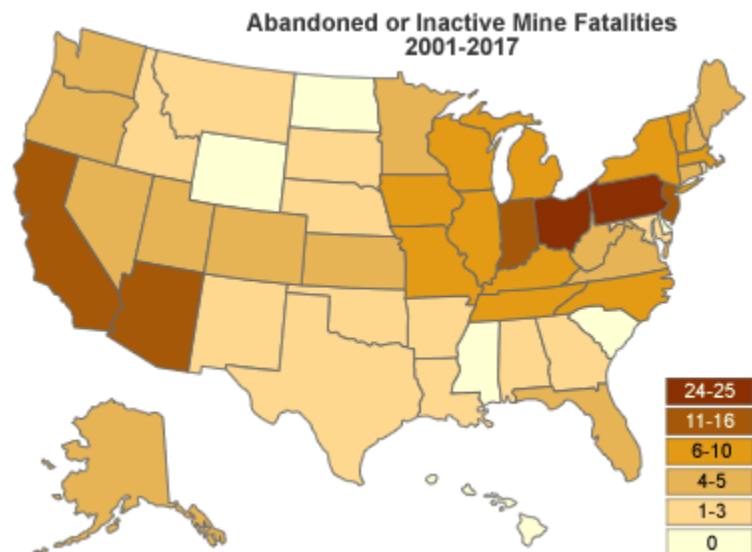
*Don't swim in quarries!*

**Drowning is the leading cause of death in abandoned mines and quarries.**

If you are a mineral collector, hiker, recreational vehicle rider, swimmer, or curious person, you have no business entering an abandoned or inactive mine or quarry. In almost every instance, you will be trespassing because abandoned mines and quarries are almost always on private property.

**Abandoned mine fatalities map:** Deaths in abandoned and inactive mines occur across the United States. Many of them occur in the eastern coal fields, the sand and gravel quarries of the upper Mississippi Valley, and metal mines in the southwest. Image by Geology.com using data from newspaper articles and the [Mine Safety and Health Administration](#). Examples of newspaper articles are provided at the bottom of this article.

## Where Do Fatalities Occur?



Deaths in abandoned and inactive mines occur across the United States. Many of them occur in the eastern coal fields, the sand and gravel quarries of the upper Mississippi Valley, limestone quarries in the southeast, or the metal mines in the southwest. Deadly accidents can happen in any type of abandoned mine or quarry. Stay out!

## Drowning is the Leading Cause of Death

Drowning is the number one cause of death in abandoned mines. Most people involved in this type of accident went to a quarry for swimming. Quarries are extremely dangerous places to swim. Steep drop-offs, deep water, sharp rocks, flooded equipment, submerged wire, and industrial waste make swimming risky.

Another risk factor is the very cold water. Many quarry operations excavate to depths below the water table and use pumps to keep the mine dry while it is in operation. When mining stops, the pumps are turned off and the quarry floods by the inflow of cold groundwater. This groundwater inflow can keep the quarry water very cold even in late summer.

Jumping or falling into cold water can be fatal - even for a young healthy person. Here is a quote from the [National Institute of Health](#) on how a body responds to sudden immersion in cold water...

*A fall in skin temperature elicits a powerful cardiorespiratory response, termed "cold shock," comprising an initial gasp, hypertension, and hyperventilation despite a profound hypocapnia. [...] The respiratory responses to skin cooling override both conscious and other autonomic respiratory controls and may act as a precursor to drowning.*

**Where Did This Data Come From?** The data used to create the tables and map on this page was obtained from newspaper articles that we encountered in our daily readings and website reports compiled by the Mine Safety and Health Administration. The actual number of fatalities is, without any doubt, higher than the numbers shown in the tables and on the map.

## Don't Go Swimming in a Quarry

Most deaths that occur in abandoned mines and quarries are drownings. Most of the people who drown didn't fall in by accident. They went there to swim. Don't swim in a quarry. The water can be dangerously cold, there are no lifeguards, no rescue equipment, and it is simply not safe.

## ATV Accidents

ATV accidents are the second leading cause of death. Quarries and surface mines are dangerous places to ride an ATV. Riders unfamiliar with the quarry can speed over a quarry's high wall or embankment. Death can result when an ATV is driven too close to a high wall and the rock, previously fractured from blasting, collapses from vibrations or weight. ATV riders have been killed by driving into wire fences at high speeds and losing control on gravel or sand-covered surfaces.

**ATV accidents are the second leading cause of death in abandoned mines and quarries.**

**Stay Out and Stay Alive:** Abandoned Mine Safety. Video produced by the Office of Surface Mining Reclamation and Enforcement.

## Falls and Asphyxiation

Falls are also deadly. Rock climbing in a mine or quarry is especially dangerous. The rock of a high wall or a mine has been fractured by blasting and can be highly unstable. The rocks that the climber depends upon for support can break free, or the climber's weight can destabilize an entire face of rock. Falls also occur in underground mines when the victim walks across rotted timbers covering a vertical shaft or steps over a ledge while negotiating a dark area.

Asphyxiation typically happens in underground mines. These mines can contain dangerous gases or have low levels of oxygen. Some victims have not realized that they were inhaling dangerous air until it was too late. Other causes of death include electrocution, passage collapse, and rockfalls.



## Why No Reclamation?

Today all mining operations must be reclaimed when work is completed. Miners are expected to return the land to a condition similar to before the mining was done - or in an alternative condition specified in their approved mining permit.

To assure that reclamation is done, the mining company must post a performance bond. The bond money is used to reclaim the land if the mining company goes bankrupt or fails to reclaim the land as required. Sometimes there is not enough bond money to complete the reclamation work, and that

work goes undone.

Many abandoned mines were closed long before permitting and bonds were required. The responsibility to reclaim these mines can fall to the current property owner or to the government. Reclamation is expensive, so many of these jobs have not been completed.

**Abandoned iron processing facility in England:** The abandoned mines problem is not confined to the United States. Open pits, underground mine entries, mineral processing facilities, and other abandoned works can be found in all parts of the world. The photo above is of an abandoned iron processing facility in North Yorkshire, England. Photograph copyright iStockphoto / PaulaConnelly.

## Equipment, Structures, and Mine Openings

The buildings, structures, and equipment left at abandoned mines are also dangerous. The buildings and structures can be old and unstable. Floors can collapse when they are walked on. Supports can be rusted away. Chemicals, explosives, or electrical equipment and other dangers are sometimes left inside. Don't explore equipment and structures at abandoned mines.

Underground mines are especially dangerous. They are dark inside, have loose rocks on the walls and roof, and there can be deep shafts and tunnels concealed by rotten wood covers. Underground mines are often used as homes by bats, bears, snakes, and other dangerous animals.

**The victims range in age from preschool children to an 85-year-old mining veteran.**



## People of All Ages Are Killed

Abandoned mine accidents claim the lives of people of all ages. Children sometimes enter mines without supervision, and adults sometimes take children with them when entering an abandoned mine site. A table on this page shows the age distribution of abandoned and inactive mine deaths. Most victims are young and die by drowning. Older victims die from a variety of causes.



**MSHA educational books:** The "Fatalities by Age" chart on this page shows that young people account for most of the fatal accidents. The [Mine Safety and Health Administration](#) has produced educational materials appropriate for school-age children.

### If You Know of An Abandoned Mine...

Dangerous mining sites should be reported - especially if you know that there are dangerous activities going on there. You can start by reporting to your local police. Another good place to report is the [Office of Surface Mining's contact list](#).

### Spread the Word!

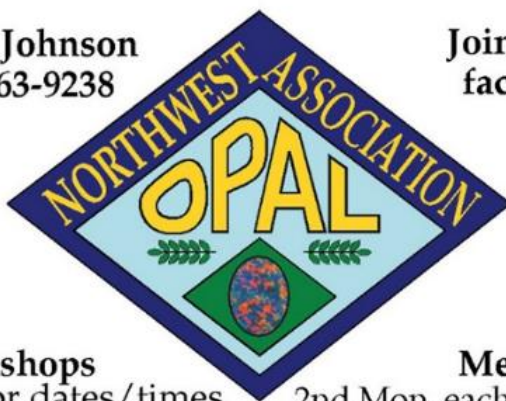
Help educate people in your area about the dangers of abandoned mines. One life saved is worth a lot of effort.

### Where Did This Data Come From?

The data used to create the tables and map on this page was obtained from newspaper articles that we encountered in our daily readings and website reports compiled by the Mine Safety and Health Administration. The actual number of fatalities is, without any doubt, higher than the numbers shown in the tables and on the map.

**Tony Johnson**  
253-863-9238

**Join us on  
facebook**



**Workshops**  
call for dates/times

**Meetings**  
2nd Mon. each month

## Field Trip Recap

Dennis Batchelor

Had a nice but windy day, 9 hearty souls showed up, most first timers. I got them headed out with ideas on what to look for then headed home-needed to by a new car as my daughter totaled my focus, nobody was hurt.

## COMMUNITY SUPPORTERS



### South Hill RV Sales

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.

12414 Meridian East, Puyallup 98373  
253-435-7751 or 866-435-7751  
[www.southhillrv.com](http://www.southhillrv.com)



### Rice Museum of Rocks & Minerals

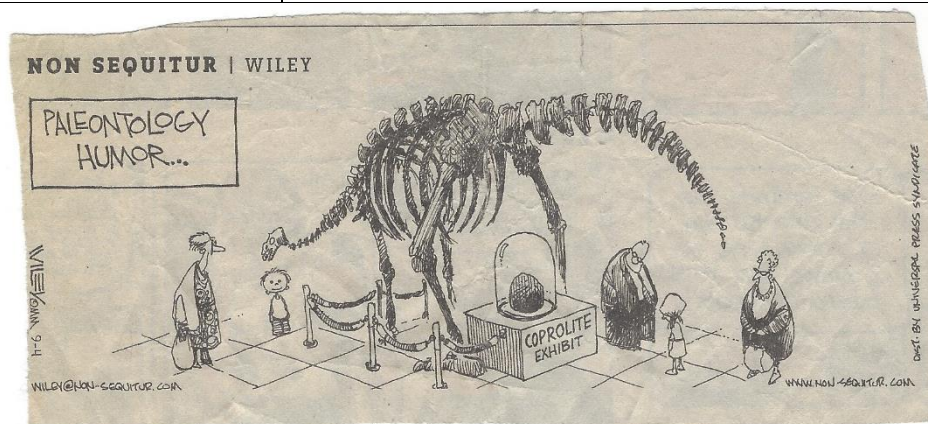
To engage, inspire, and educate generations on the splendor and complexity of our Earth.

26385 NW Groveland Dr., Hillsboro, OR 97124  
503-647-2418  
[Info@ricenorthwestmuseum.org](mailto:Info@ricenorthwestmuseum.org)  
[www.ricenorthwestmuseum.org](http://www.ricenorthwestmuseum.org)

### H & I Lapidary

Amber, Jewelry, Beads, Findings, Gemstones, Slabs, Rough Material, Fossils, and Aussie items.

Mike and LaVon Siperek  
(253) 531-7294  
4203 E 99<sup>th</sup> Street, Tacoma, WA 98446  
[Yankees\\_Diesel@comcast.net](mailto:Yankees_Diesel@comcast.net)



## FROM THE BENCH

Ever wonder how to keep solder from flowing to a place you do not want it? For me, it always seems like the area I am focused on not getting solder all over is the first place it goes.

I have found that if you use yellow ochre powder mixed in alcohol, you can make a paste that stops the solder from flowing to the area painted. I use several paintbrushes of different size and shape to get into those areas I want to keep clean.

You can buy yellow ochre powder on Amazon, any art supplier, and some local craft stores. You can also get it at any metal smithing supplier as Anti-Flux.

This really helps to keep pieces clean and saves time during the cleanup process. I highly recommend this for everyone who solders metal together.

## 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 either

Tony Johnson at [ynotopals@outlook.com](mailto:ynotopals@outlook.com) (253) 863-9238 or  
Jillian Higgins at [J.Y.Higgins@gmail.com](mailto:J.Y.Higgins@gmail.com) (253) 355-3146

## MINERAL OF THE MONTH



Do you recognize these three minerals? You should if you are looking for indistructible rare earth minerals. Two of the three come for other planets and arrived here via meteor, but if you can find it, it is worth more than its weight in gold.

The mineral on the far right is called Unobtainium, and is incredibly interesting because it is massless and frictionless, which makes it purfect for engenrierring, especially space travel where weight is a serious consideration.

The mineral on the far left is called Vibranium and like Unobtainium is not found here on earth, outside of meteoric impacts. Vibranium is noted for its ability to absorb, store, and release large amounts of kinetic energy. Almost indistructable, it is only found in a specific location in Africa.

The middle mineral is called Adamantium and is the only mineral of the three that is found on earth natureally, but in very, very small quantities. Adamantium is virturally indistructable (as in we haven't figured out a way to distroy it yet), it might be the hardest metal in the universe. See more pictures on pg 14!

## 2022 SHOW & TELL THEMES and PROGRAM NIGHT EVENTS

MEETING	DATE	SHOW & TELL THEME	PROGRAM NIGHT EVENT
January - 1st Meeting	January 14, 2022	Tiger's Eye or <b>any field trip finds</b>	
January - 2nd Meeting	January 28, 2022	Lace or <b>any field trip finds</b>	Mini Lapidary Demonstrations
February - 1st Meeting	February 11, 2022	Heart shaped or <b>any field trip finds</b>	
February - 2nd Meeting	February 25, 2022	Red, Pink, & Purple or <b>any field trip finds</b>	Carl Carlson
March - 1st Meeting	March 11, 2022	"Sham" rocks or <b>any field trip finds</b>	
March - 2nd Meeting	March 25, 2022	Green or <b>any field trip finds</b>	Jerry's Rock Shop
April - 1st Meeting	April 8, 2022	April Fools Gold or <b>any field trip finds</b>	
April - 2nd Meeting	April 22, 2022	<b>No Show &amp; Tell</b>	Auction/Potluck
May - 1st Meeting	May 13, 2022	Flower rocks or <b>any field trip finds</b>	
May - 2nd Meeting	May 27, 2022	<b>No Show &amp; Tell</b>	Mineral Council
June - 1st Meeting	June 10, 2022	Fancy Slabs & Fossils + <b>any field trip finds</b>	
June - 2nd Meeting	June 24, 2022	<b>No Show &amp; Tell</b>	Tailgate Party @ Grange Parking Lot
July - 1st Meeting	July 8, 2022	Red, White, & Blue or <b>any field trip finds</b>	
July - 2nd Meeting	July 22, 2022	<b>No Show &amp; Tell</b>	Jerry's Rock Shop
August - 1st Meeting	August 12, 2022	Carnelians + <b>any field trip finds</b>	
August - 2nd Meeting	August 27, 2022	<b>No Show &amp; Tell</b>	Picnic & Tailgate Party at club house on Saturday
September - 1st Meeting	September 9, 2022	Crystals + <b>any field trip finds</b>	
September - 2nd Meeting	September 23, 2022	<b>No Show &amp; Tell</b>	Glenn Rodrick
October - 1st Meeting	October 14, 2022	Wood + <b>any field trip finds</b>	
October - 2nd Meeting	October 28, 2022	<b>No Show &amp; Tell</b>	Auction/Potluck
November - 1st Meeting	November 11, 2022	Thundereggs & Geodes + <b>any field trip finds</b>	
November - 2nd Meeting	November 25, 2022	<b>No Show &amp; Tell</b>	BINGO Night
December - 1st Meeting	December 10, 2022	<b>No Show &amp; Tell</b>	Holiday Banquet/Officer Installation on Saturday
December - 2nd Meeting	No Meeting	<b>No Show &amp; Tell</b>	

## 2022 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:	Teresa Rodrick	(253)531-4062	gtrodi@comcast.net
Treasurer:	Jillian Higgins	(253)355-3146	J.Y.Higgins@gmail.com
Association Director:	Patti Dailey-Shives	(253)678-0029	pattidailey28@gmail.com
1 Year Director:	Jack Ragusa	(253)389-3119	jackragusa@gmail.com
2 Year Director:	Glen Ripper	(253)508-7545	glen311944@yahoo.com
1 Year Trustee:	Dennis Batchelor	(360)870-8741	hobbyhorse51@gmail.com
2 Year Trustee:	Glenn Rodrick	(253)531-4062	gtrodi@comcast.net

## 2022 Committee Chairs

Title	Name	Phone	Email
Clubhouse Coordinator	Tony Johnson	(253)863-9238	ynotopals@outlook.net
Club Show Coordinator	Glenn Rodrick	(253)531-4062	gtrodi@comcast.net
Field Trips Coordinator	Dennis Batchelor	(360)870-8741	hobbyhorse51@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	Patti Dailey-Shives	(253)678-0029	pattidailey28@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:

## Local Area Shows for 2022

DATE & TIME	CLUB	SHOW	LOCATION
February 2022 12th 9am—5pm 13th 9am—4pm	Whidbey Island Gem Club	Annual Gem Show	The Center in Oak Harbor 51 Jerome St. Oak Harbor WA
March 2022 5th 10am - 6pm 6th 10am - 5pm	Owyhee Gem & Mineral Society	68th Annual Rock and Gem Show	O'Conner Field House 2207 Blaine Caldwell, ID
March 2022 11th 10am—5pm 12th 10am—5pm 13th 10am—5pm	Tualatin Valley Gem Club	62nd Annual Rock and Mineral Show \$1 Adults, 12 & under free	Forest Grove National Guard Amory 2950 Taylor Way Forest Grove OR
March 2022 12th 9am - 6pm 13th 10am - 5pm	Northwest Montana Rock Chucks	Gold, Gem, and Mineral Show	Flathead County Fairgrounds Expo Building (next to grandstands) 265 North Meridian Road Kalispell MT
March 2022 12th 9am - 4pm 13th 9am - 4pm	Magic Valley Gem Club	Annual Show	Twin Falls County Fairgrounds 215 Fair Ave. east of Filer on US Hwy. 30
March 2022 11th 8:30am - 6pm 12th 9am - 5pm	Panorama Gem and Mineral Club	Annual Show	Stevens County Fairground Ag and Trade Center 317 West Astor, Colville, WA
March 2022 26th 10am - 6pm 27th 10am - 5pm	Mt. Baker Rock & Gem Club	Annual Rock and Gem Show	Pioneer Pavilion 2007 Cherry Street Ferndale, WA
March 2022 26th 10am—5pm 27th 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 2022 9th 10am - 6pm 10th 10am - 5pm	Idaho Falls Gem & Mineral Society	56th Annual Show \$3 adults, 12 & under free	Idaho Falls Recreation Center Corner of Memorial Drive and B Street Idaho Falls, ID
March 2022 25th 10am – 6pm 26th 10am – 6pm 27th 10am – 4pm	Rock Rollers Club of Spokane	Annual Gem, Jewelry and Mineral Show Adults \$6, Scout in uniform and children under 12 free	Spokane County Fair & Expo Center N. 404 Havana Spokane WA
March 2022 26th 10am—6pm 27th 10am - 5pm	Sweet Home Rock & Mineral Society	72nd Annual Rock & Mineral Show	Sweet Home HS Activity Gym 1641 Long St. Sweet Home, OR
April 2022 15th 9am - 5pm 16th 9am - 5pm 17th 10am - 4pm	Willamette Agate & Mineral Society	65th Annual Rock and Gem show "River of Gems" \$2, 11 & under free/adult	Polk County Fairgrounds 520 S. Pacific Hwy Rickreall, OR
April 2022 22nd 10am - 4pm 23rd 10am - 5pm 24th 10am—4pm	Yakima Rock & Mineral Club	59th Parade of Gems Adults—\$6 Students—\$2.00 12 & under free	Central Washington State Fair Ground Modern Living Building 1301 South Fair Avenue Yakima ,WA 98901
April 2022 23rd 10am - 5pm 24th 10am - 5pm	West Seattle Rock Club	54th Annual Rock Show	Alki Masonic Temple 4736 40th Ave. SW. Seattle, WA
April/May 2022 30th 10am—5pm 1st 10am—4pm	Billings Gem and Mineral Club	Gem and Fossil Show	Al Bedoo Shrine Auditorium 1125 Broadwater Avenue Billings MT
May 2022 6th 10am - 5pm 7th 10am - 5pm 8th 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
May 2022 14th 10am - 5pm 15th 10am - 4pm	Hatrockhounds Gem & Mineral Society	\$3 12 and under free	Eastern Oregon Trade & Event Center 1705 East Airport Road Hermiston OR



# HAPPY BIRTHDAY

## April 2022

Angel Largay – 5<sup>th</sup>  
 Joshua McVey – 7<sup>th</sup>  
 Craig Oda – 7<sup>th</sup>  
 Jim Christian – 9<sup>th</sup>  
 Jordann Kennedy-  
 Lindsey – 9<sup>th</sup>  
 AinBerlyn Church – 9<sup>th</sup>  
 Larry Carpenter – 12<sup>th</sup>  
 Jason Fabbi – 12<sup>th</sup>  
 Michael Killian  
     Meyer – 14<sup>th</sup>  
 Matthew  
     Williams – 17<sup>th</sup>  
 Collette Foley – 23<sup>rd</sup>  
 Matthew McVey – 23<sup>rd</sup>  
 Larry Hoffman – 25<sup>th</sup>  
 Martha Collins – 25<sup>th</sup>  
 Eric Loughmiller – 25<sup>th</sup>  
 Barb Nelson – 26<sup>th</sup>  
 Nicole Payne – 26<sup>th</sup>  
 Brandon  
     Stickney – 28<sup>th</sup>  
 Aurora  
     Welander – 28<sup>th</sup>  
 Del Crawford – 29<sup>th</sup>  
 Marshall Pleas – 29<sup>th</sup>  
 Tony Johnson – 30<sup>th</sup>  
 Randie Welcher – 30<sup>th</sup>

## THE RARE, THE UNUSUAL, THE EXOTIC III

```

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

- |                |                      |                     |
|----------------|----------------------|---------------------|
| 1. ADAMITE     | 10. GREENOCKITE      | 19. OLIGOCLASE      |
| 2. ANATASE     | 11. HORNBLLENDE      | 20. PHOSPHOPHYLLITE |
| 3. ANGLESITE   | 12. LITHIOPHILITE    | 21. PROUSTITE       |
| 4. ARAGONITE   | 13. LUDLAMITE        | 22. STAUROLITE      |
| 5. AUGELITE    | 14. MANGANOCALCITE   | 23. SULFUR          |
| 6. BOLEITE     | 15. MANGANOTANTALITE | 24. TRYPHYLLITE     |
| 7. DESCLOIZITE | 16. MILARITE         | 25. WHEWELLITE      |
| 8. EKANITE     | 17. NEPHELINE        | 26. ZEKTZERITE      |
| 9. GADOLINITE  | 18. PECTOLITE        |                     |



**April Fools!!!!**

# ROCK-A-TEER

Newsletter of Puyallup Valley

Gem & Mineral Club

P.O. Box 134

Puyallup, WA 98371