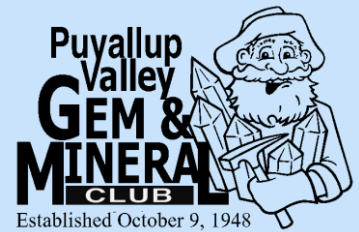


ROCK-A-TEER



Newsletter of the Puyallup Valley Gem & Mineral Club

Jillian Higgins

Issue 79

Volume 131

August

2024

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August is the second busiest month for the club. The Siperek's are having their annual sale at the clubhouse Wednesday, August 2nd through Sunday, August 6th. Sales starts 9:00am to 5:00pm

We have the Show in the Trees Friday, August 11th through Sunday, August 13th at the Tacoma Sportsman's Club. We are going to have close to 40 vendors so you should definitely come check it out.

We have our Overnight Field Trip with world famous camp spaghetti and breakfast Saturday, August 19th and Sunday August 20th.

Finally, we will have our club picnic, potluck, and tailgate at the clubhouse Saturday, August 27th. Check your email for more information coming soon about this event.

Our busiest month is September with the Washington State Fair. Please sign up to volunteer at the club booth. You get free admission to the fair and parking. The Signup sheet will be at every meeting, just ask Tony or if you want to know about specific dates and times, contact him at (253) 863-9238.

Field Trip Report

August 17th & 18th Overnight - Greenwater

This fieldtrip is with the Washington State Mineral Council - overnight camp out & pot luck

Meeting place - 9:00AM at the Enumclaw Ranger Station for those not camping out

Hunting for - Jasper, Agate, Petrified wood, common opal

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

September 21st - Little Naches

Meeting place - 9:00AM on Hwy 410 at Forest Rd 19, mile marker 92

Hunting for - Jasper, Agate, Petrified wood, Thundereggs

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

Access - moderate terrain, 1/2-mile hike to thunderegg site

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.

AUGUST 2024 CLUB HOUSE SCHEDULE

DATE	DAY	TIME	ACTIVITY	LOCATION	INSTRUCTOR
1	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
2	Friday		Siperek Annual Sale		
3	Saturday		Siperek Annual Sale		
4	Sunday		Siperek Annual Sale		
5	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tasha Parker
6	Tuesday	4:00PM-8:00PM	Members Open Access - Beginner	Club House	Wes Ames
7	Wednesday		SHOW IN THE TREES		
8	Thursday		SHOW IN THE TREES		
9	Friday		SHOW IN THE TREES		
		6:00PM	Club Board Meeting	Fruitland Grange	Nate White
		7:30PM	Club Business Meeting	Fruitland Grange	Tony Johnson
10	Saturday		SHOW IN THE TREES		
11	Sunday		SHOW IN THE TREES		
12	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tasha Parker
		7:00PM-8:00PM	Opal Club Business Meeting	Club House	Tony Johnson
13	Tuesday	4:00PM-8:00PM	Members Open Access - Beginner	Club House	Wes Ames
14	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Wire Wrapping	Club House	Tony Johnson
15	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
16	Friday				
17	Saturday	See Fieldtrip Report	Greenwater - OVERNIGHT	Field Trip	Nate White
18	Sunday	See Fieldtrip Report	Greenwater - OVERNIGHT	Field Trip	Nate White
19	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tasha Parker
20	Tuesday	4:00PM-8:00PM	Members Open Access - Beginner	Club House	Wes Ames
21	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Opal Cutting	Club House	Tony Johnson
22	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
23	Friday				
24	Saturday	1:00PM - 2:00PM	Club Picnic and Potluck	Club House	Tony Johnson
25	Sunday				
26	Monday	10:00AM-2:00PM	Members Open Access	Club House	Tasha Parker
27	Tuesday	DEADLINE FOR STATE FAIR COMPETITION SUBMISSIONS			
		4:00PM-8:00PM	Members Open Access - Beginner	Club House	Wes Ames
28	Wednesday	10:00AM-2:00PM	Members Open Access	Club House	Dennis Batchelor
		4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
29	Thursday	4:00PM-8:00PM	Members Open Access	Club House	Tony Johnson
30	Friday				
31	Saturday	10:00AM-2:00PM	Opal Cutting	Club House	Tony Johnson

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: **Brenda Guay**

Favorite Quote:

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

What is your favorite rock, mineral or gem?

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

What are your three favorite books/podcasts?

- Not much of a reader or TV person
- I do enjoy learning from Michigan Rock & Currently Rockhounding from YouTube, excellent for learning about rocks.
-

What is your favorite memory surrounding rockhounding/rocks in general? Going different places rockhounding with my grandparents

In your opinion, what is the best thing about the Puyallup Valley Gem & Mineral Club? Meeting & Learning from amazing people learn my material.

In your opinion, where/how does the club need to improve? Getting more youth activities.

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

- Outdoorsy person type, camping, fishing, rafting, and exploring new places
- Enjoy gardening
- Have a fear of heights

What is your greatest accomplishment? Besides surviving 3 teenagers, having 2 amazing grandkids learning and enjoying rockhounding.

Clubhouse report

Tony Johnson

Please make sure you are cleaning up your machines after you are done with them. It is your responsibility to return the machine to the condition you found it.

Classes are starting to fill up, especially Monday's and Tuesday's, so if you are planning on attending classes on those days of the week, you will need to make sure you get yourself scheduled so your machine is guaranteed. If you would like to come in to only use the saws, just tell Jillian that when you are making your reservation, and that will help to free up a cabbng machine for another member.

If for any chance you are not able to make it, please cancel with the clubhouse scheduler so they can contact any other members who could potentially make it to the clubhouse in your absence.

Associations Director Report

Hello my fellow rockhounds and pebblepups. There isn't a whole lot to report on this month. The Washington State Mineral Council (WSMC) doesn't meet again until September, the state will have no legislation pending until next year and the feds are going on break until mid-September with no legislation pending also. That being said let me know if you hear about any possible legislation being proposed or if you have any concerns about anything on a more local basis.

Respectfully submitted by
Mark Baumann - Associations Director

Field Trip Recap

Nate White

The day started out nice and sunny but cooler in the morning. We started with about 10 cars but lost three on the way. For the cars that were lost along the way. I collected material for each of you whenever we can meet up. I'm truly sorry for losing the individuals at the end of our wagon. For all those who did make it I think everyone was able to find enough rocks to at least fill their buckets halfway. It turned out to be a beautiful day to be out in nature and find rocks.

Louisiana Gemstone Mining

Petrified palm wood is found in Louisiana, along with a unique variety of precious opal.

Author: [Hobart M. King](#), PhD, GIA Graduate Gemologist



Louisiana palm: An oval cabochon cut from Louisiana palm. The face of the cabochon was cut parallel to the trunk of the palm. The lines represent the vascular structure of the plant. The cabochon is about 57 x 33 millimeters in size.

Louisiana is a state whose surface geology is dominated by sediments and [sedimentary rocks](#). There are no outcrops of [metamorphic rocks](#), none of [igneous rocks](#), and the state is not at all known to be a great place to find [minerals](#).

In spite of that, [Louisiana](#) has been the source of a few [gemstones](#) - notably, its petrified plants, a small occurrence of very unique [opal](#), and even the reported find of an 18.2-carat gem-quality [diamond](#).

Louisiana palm: A round cabochon cut from Louisiana palm. The face of the cabochon was cut perpendicular to the trunk of the palm. The dots are cross-sections through the vascular tubes of the palm. The cabochon is about 29 millimeters in diameter. The Louisiana palm cabochon at the top of this page and the one immediately above were cut by Tom Wolfe of [Wolfe Lapidary](#).



The most widely known Louisiana gem material is the Oligocene-age "[petrified wood](#)" that is found in the Catahoula Formation, a [sedimentary rock](#) unit that was deposited on the alluvial plains and in the coastal swamps of the [Oligocene](#) Gulf Coast.

At that time, the coastline was about 100 miles farther inland than it is today. Sediments shed, mainly from the uplift of the Rocky Mountains, have since built the coastline seaward to its current position.

Most specimens are a palm of the genus *Palmoxylon*, which has been named as the state [fossil](#) of Louisiana. *Palmoxylon* did not produce a true "wood" composed of cellulose and lignin. Instead it was a plant that looked similar to a modern palm tree with a trunk made up of parenchyma, a fibrous support material that surrounded hollow tubes of the plant's vascular structure known as xylem and phloem. These tubes transported water, nutrients, wastes, and other materials through the plant. [1]

When the palm died, it had an opportunity to be preserved as a fossil if it was quickly covered by water and sediments that would protect it from oxidation and destructive organisms. Ground water flowing through the sediments carried dissolved silica that sometimes precipitated within the hollow xylem and phloem to preserve them. The silica would also replace the fibrous parenchyma. This infilling and replacement of the plant structures with solid silica produced the fossil known as "petrified palm."

Today, fossilized palm trunks and fragments are found at many locations in Louisiana, [Texas](#), and [Mississippi](#), where the Catahoula Formation is exposed at the surface. Pieces of this material that are completely and uniformly silicified are often of high enough quality to be cut, polished, and used as the dome-shaped [gems](#) known as [cabochons](#). It is also used to make small sculptures, spheres, book ends, and other ornamental objects.

When the material is cut along the length of a palm trunk, the tubes of the vascular structure often have an appearance that resembles wood grain. When it is cut perpendicular to the palm trunk, the tubes of the vascular structure often display as an array of "dots." Cabochons cut from wood slices sawn in these orientations are shown in the photos on this page.



"Petrified palm": An oval cabochon cut from Louisiana palm with three colors of chalcedony. This stone measures about 40 millimeters x 30 millimeters in size.

Louisiana palm fossils can be colorful. They typically range in color from white to honey brown or from chocolate brown to black. Red, orange, and pink colors are also found. The material is usually a chalcedony, but some occurrences of opalized palm are known.

"Petrified palm" is an attractive material that represents a time in the geologic history of Louisiana. It is also attractive enough and

abundant enough to be widely known, and for those reasons it was named as Louisiana's state fossil.

Louisiana opal: A square cabochon cut from sandstone found in Vernon Parish, Louisiana, that is cemented with precious opal. A play-of-color is produced by the interstitial cement when the cabochon is moved under incident light. The cabochon measures approximately 20 x 20 millimeters in size.

Small amounts of a material called "Louisiana Opal" or "Louisiana Sand Opal" have been mined from the Catahoula Formation near Leesville, Vernon Parish, Louisiana. If you examine this material closely, you will find that it is a [sandstone](#) in which the [sand grains](#) are bound together by a cement of clear [precious opal](#). [2]

When this sandstone is completely cemented, solid, and unweathered, it is stable enough to be slabbed, cut into cabochons, and polished to a bright finish. When a polished cabochon is played in incident light, the interstitial opal can produce small patches of play-of-color.



The material is not spectacular in appearance, but it is a genuine precious opal. It is a novelty gem that is enjoyed by local people and gemstone collectors. Small amounts of this material were produced in the late 1980s and early 1990s. It is no longer produced, and rough material is difficult to find.

In addition to [cabochons](#), lapidarists have used Louisiana Opal to produce spheres and other objects. Most of the material has a brown base color like the 20mm x 20mm cabochon shown in the photo above. It also occurs with a gray to black base color. The play-of-color is much easier to see in specimens with the darker base colors.

Much of the "petrified palm" found in the Catahoula Formation, as described on this page, has actually been opalized rather than agatized. Some of this [common opal](#) exhibits a "grain" that is a preservation of the palm's vascular structure. It can be easily identified as opal because its [Mohs Hardness](#) is 5.5 to 6, compared to the Mohs Hardness of 7 that would identify it as chalcedony. The opalized specimens polish as nicely as the agatized specimens, but the polished surface has a more "waxy" luster compared to the "vitreous" luster of agatized material.

Louisiana Gemstone Information

[1] [Palmoxylon of the Catahoula Formation](#): by Mike Viney, article published on The Virtual Petrified Wood Museum website. Hosted on the Internet Archive.

[2] Opal, Louisiana: by John Sinkankas, in *Gemstones of North America, Volume III*, pages 246-247.

[3] [Large Diamond Found in Louisiana](#): A Gemological Digest article published in the Winter 1969-1970 issue of *Gems & Gemology*, last accessed October 2022.

In 1969 a boy playing in his yard in the community of Princeton, Louisiana found an interesting crystal. His family suspected that it was a diamond, so his father showed it to several jewelers in the city of Shreveport. His father was eventually directed to C. E. Mounce, a jeweler with gemological training. Mounce identified the item as an 18.2-carat diamond crystal in the form of a modified octahedron and purchased it from the boy's father.

Mounce later sent the crystal to a New York City diamantaire who cut the crystal into 3 faceted stones: a 3.47-carat oval, a 2.27-carat marquis, and a 2.75-carat heart shape. The geological source of the diamond remains unknown, and no nearby diamond deposits have ever been discovered. [3] It was likely an alluvial diamond.

FROM THE BENCH

This is going to be a 5-part series. If you wanted to print and tape them together, I bet they would look really good on the wall of your shop!

LAPS USED TO POLISH GEMS

Hardness 3 $\frac{1}{2}$ to 5, (Group Two Faceting for Amateurs)

Prepare surface on 3000 or 8000 lap. Use [Ultralaps](#)

Polish laps: Ultralaps for those of low hardness.

Tin/lead, tin, pewter, lead, all scored.

Agent: alumina, tin oxide, chrome oxide, iron oxide.

Speed 100 rpm, possibly higher with care.

Mineral examples: apatite, colemanite, cuprite, dolomite, fluorite, rhodochrosite, sphalerite.

Next month's segment: Hardness 5 to 6, to be continued...

State Fair Competition Rules

HOBBY HALL HANDCRAFTS ENTRIES The Washington State Fair Departmental Exhibitors Rules and Regulations (link on page 3) governing all departments of The Fair are to be observed with a few additions.

1. Entry registration must be made online for all divisions by entry deadline. See page 4 for Online Entry Registration step-by-step instructions and page 2 for calendar of dates.
2. All entries should be brought into the Hobby Hall by the exhibitor. If it is necessary for someone else to bring the entry in, the entry must be pre-registered online prior to the entry deadline or properly labeled with Division and Class numbers by the exhibitor.
3. No entry fees will be charged.
4. All articles must be the handwork of an individual exhibitor. They must be finished within the last two years. No article can be exhibited a second year. SOILED OR OBVIOUSLY USED ITEMS WILL NOT BE ACCEPTED.
5. ALL ITEMS WILL BE PLACED IN THE MOST SUITABLE CLASS. Each entrant shall be limited to ONE ENTRY PER CLASS, as to enter more would, in effect, be competing against oneself. Entries may be reclassified by staff or judges.
6. The "OTHER" class will only be used if the item does not fit within any other class in a division.
7. Items that belong in one Division (ie, wood working) will not be accepted in another Division (ie, crafts).
8. All awards need not necessarily be awarded in each class at the discretion of the judge.
9. The Hobby Hall is mainly for amateur craftspersons to compete and exhibit their work. The Fair considers the following as professionals: Anyone who makes more than \$4,000 per year from the sale of the judged craft item. Anyone who has a certified teaching certificate for that craft. Anyone who is paid to demonstrate that craft where supplies or finished works are sold. Anyone who has won the Grand Champion for 2 consecutive years in that division must enter as a professional the following year. A professional craftspersons may not enter a craft item from their profession into any amateur division (ie. a professional of hand painted china may not enter a hand painted ornament in the 'Holiday Decorations' division).
10. Divisions for teachers and professionals are offered for Leather Craft, Decorative Arts, Soft Toys and Animals, Calligraphy, Jewelry, Paper Crafts and Hand Painted China.
11. If you have won the Grand Champion for two consecutive years in a division, you will NOT BE ALLOWED to enter that division for one year.
12. Junior divisions are offered in Leather Craft, Jewelry, Paper Crafts, Models, Lego Building and Ceramics and Pottery. Juniors choosing to enter other divisions will be competing with adults.
13. All items placed on display must remain for the full length of The Fair.
14. The Washington State Fair assumes no responsibility for loss or damage. Every reasonable precaution will be used to protect items on display.
15. No "For Sale" cards will be allowed on exhibits or in the building.



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Yankees_Diesel@comcast.net

MINERAL OF THE MONTH



This has to be one of the coolest names in all the mineral world. I would like to introduce you to Pezzottaite, aka, raspberyl or raspberry beryl. I am sure you are probably wondering how this is not just a slightly less colorful type of red beryl, but I am happy to explain that Pezzottaite contains lithium and crystalizes in a triagonal (three sided) system instead of the standar hexagonal (six sided) for most beryls.

The colors of Pezzottaite can be pink, orange-red to as I am sure you can get raspberry red. It all dependings of the amount of beryllium and lithium found within the stone.

Another really unique feature of Pezzottaite is that it is one of the couple dozen minerals in the world that can produce Chatoyancy, meaning if you are very skilled, you can cut a cat's eye, or single star into the stone (there is a picture of one on page 14). For the most part there are a lot of inclusions in Pezzottaite, so cutting a "clean" gem, but it has a Mohs scale of 8 in hardness, so it is not likely to crumble on you while working it.

Pezzottaite is one of the rarer gemstones since it is very limited in where it can be found. So far, deposits have only been found in Afghanistan, Namibia, Madagascar and the Wah Wah Mountains in Utah.



Local Area Shows for 2024

DATE & TIME	CLUB	SHOW	LOCATION
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
August 2024 2nd 10pm—5pm 3rd 10am—5pm 4th 10am—4pm	Far West Lapidary & Gem Society	58h Annual Gem and Mineral Show \$1 adults, 12 & under free w/Adult	The Mill Casino The Salmon Room 3201 Tremont St, HWY 101 North Bend, OR
August 2024 9th 10am - 5pm 10th 10am - 5pm 11th 10am - 5pm	Puyallup Valley Gem & Mineral club	2024 Jim Christian Memorial Show In The Trees	Tacoma Sportsmen's club 16409 Canyon Rd East Puyallup, WA
August 2024 16th 9am - 5pm 17th 9am - 5pm 18th 10am - 4pm	Willamette Agate & Mineral Society	End of Summer Rock and Gem show	Polk County Fairgrounds 520 S. Pacific Hwy Rickreall, OR
September 2024 7th 10am – 5pm 8th 10am – 4pm	Southern Washington Mineralogical Society	58th Annual show	Cowlitz Co. Fairgrounds Events Center 1900 7th Ave Longview, WA
September 2024 21st 9am—5pm 22nd 10am—4pm	Clallam County Gem And Mineral Association	Fall show	Vern Burton Community Center 308 East 4 th Street Port Angeles WA
September 2024 21st 10am—5pm 22nd 10am—4pm	Billings Gem and Mineral Club	Fall show	Eagle Seeker Community Center 1125 Broadwater Ave Billings, MT
September 2024 21st 10am—5pm 22nd 10am—4pm	Fraser Valley Rock and Gem Club	Annual show	New Venue Aldergrove Kinsmen Community Center 26770 29th Ave Aldergrove, BC
October 2024 4th 10am-6pm 5th 10am - 6pm 6th 10am—5pm	Portland Regional Rock and Gem Show	44rd Annual \$7, under 12 free with adult	Wingspan Event Center 801 NE 34th Ave Hillsboro, OR
October 2024 5th 10am - 5pm 6th 10am—5pm	Marysville Rock and Gem club	48th Rocktoberfest	Evergreen State Fairgrounds Display Bldg #500 14405 179th Ave SE Monroe, WA
October 2024 5th 10am - 6pm	Idaho Falls Gem & Mineral Society	13th Annual show	Bonneville Co. Fairgrounds 1542 East 73rd South Idaho Fall, ID
October 2024 19th 10am—5pm 20th 10am—4pm	Hell's Canyon Gem Club	Hell's Canyon Annual Show \$5 for weekend	Nez Perce County Fair Building 1229 Burrell Avenue Lewiston ID 83501
November 2024 23rd 10am - 5pm 24th 10am - 5pm	Kitsap Mineral and Gem Society	Fall Festival of Gems	The President's Hall 1250 NW Fairgrounds Road Bremerton, WA

2024 SHOW & TELL THEMES and PROGRAM NIGHT EVENTS

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

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 or the WA Mineral Council at:

HAPPY BIRTHDAY

August 2024

Kennedy Kirkland – 3rd
 Robert Tubig – 3rd
 Dawn Riggs – 4th
 Joseph Posante – 5th
 Rowan Higgins – 10th
 Randy Summers – 10th
 Joseph Mordini – 11th
 Patrick Bergman – 12th
 Teresa Hurley – 14th
 Owen Copeland – 15th
 Charie Clausen – 16th
 Istvan Fulop – 16th
 Joan Lockyer – 16th
 Braxton Love – 16th
 Matthew Kizziah – 17th
 Denise Mercurio – 18th
 Scott Walter – 18th
 Margarate Wheat – 18th
 Stephen Wheat – 18th
 Edward Jackson – 19th
 Paul Strawn – 19th
 Teresa Rodrick – 20th
 Sandra Anderson – 21st
 Shawna Hall – 21st
 David Marks – 23rd
 Darla Wheat – 23rd
 Michael Stevenson – 24th
 Daniel Bender – 25th
 Dana James – 26th
 Shelly Larson – 27th
 Bobbie Supplee – 27th
 Batuhan Biyikoglu – 29th
 Tasha Parker – 30th
 Benjamin Bender – 30th
 Angela Wilson – 30th
 Laurel Campbell – 31st
 Glenda Moore – 31st
 Kegan McVey – 31st
 Rich Taylor – 31st

ANOTHER BLING THING

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

- | | | |
|-----------------|----------------|---------------|
| 1. ATTRACTIVE | 13. GEMSTONE | 24. SCATTER |
| 2. AURA | 14. GLITTER | 25. SETTING |
| 3. BEAUTY | 15. HUE | 26. SHEEN |
| 4. BLING | 16. INCLUDED | 27. SHIFT |
| 5. BRILLIANT | 17. LUSTER | 28. SPARKLE |
| 6. CLEAR | 18. MYSTIQUE | 29. SYNTHETIC |
| 7. COLOR CHANGE | 19. NATURAL | 30. TINT |
| 8. ENHANCE | 20. PLEOCHROIC | 31. TONE |
| 9. FACET | 21. RARITY | 32. UNIQUE |
| 10. FIRE | 22. REFLECT | 33. WARMTH |
| 11. FISSURE | 23. SATURATION | 34. ZONING |
| 12. FLAWS | | |



ROCK-A-TEER

Newsletter of Puyallup Valley

Gem & Mineral Club

P.O. Box 134

Puyallup, WA 98371