

Place:
Arden Community Hall
636 Hall Rd
Arden, WA



Club Meetings:
Third Tuesday of the Month
at 6:00 PM

The Panorama Prospector

July 2025

PANORAMA GEM AND MINERAL CLUB

Minutes for the June 17, 2025 General Meeting

Bob opened the meeting at 6:00 PM.

New members and visitors were welcomed.

Out of respect for our guests the program was presented before the business meeting was held.

The program was presented by Christine Degear from the Community Colleges of Spokane Foundation.

Break and silent auction.

Business portion of the meeting including the financial report.

Trips were talked about; where to go.

Sharing of rocks.

Initially the foundation asks for a \$5,000 deposit. After that it is up to the club to determine how much we want to contribute each year. We can also set the amount of the scholarship to be given and how many we want to give.

We can set the parameters of who gets a scholarship including geographical area, declared major, age, and so forth.

We can review the applications and make recommendations for funding. We can do this for our own program or volunteer to review applications for the foundation in general.

Several good questions were asked by the members and the board will meet soon to put together recommendations for the entire club to consider for approval.

Trilobite Trip 2025

By Lynne Calvert

Supporting the Community Colleges Scholarship Program

Christine Degear from the Community Colleges of Spokane Foundation presented their scholarship program. Having them handle our program would allow us greater latitude and control over who receives the club's funds.

June 14th, 2025 was a beautiful day. A good day to go look for trilobites. Rick McDougal made the arrangements for us to gain access to the quarry near Metaline Falls. Fifteen club members met at the Food Court grocery store in Ione. Our caravan of cars carefully navigated through a foot race at the Bigfoot Festival in Metaline Falls. We turned onto a dirt road and proceeded until we found our host, Glen Schofield, waiting for us at our first dig site. Glen gave us a briefing and an information sheet about the

various specimens. We also viewed pictures brought by Gregg Kurt from the Stonerose Interpretive Center & Eocene Fossils Site. We donned our hats and DEET and dug right in. Several good specimens of trilobites were found. We moved on to our second site and more trilobites were found. As the sun rose higher in the sky the mosquitoes disappeared and as the morning hours waned we all gathered to eat. We enjoyed our picnic lunches while visiting with everyone. We moved on to a third site. This location was more challenging. The afternoon sun beat down on us but the group had been so successful earlier they persevered in searching. Very few fossils were found at his site but not for lack of trying. We packed our buckets and tools into our cars with great satisfaction having found trilobites during this spectacular day. It was a privilege to have such an adventure filled with joy, exploration, beauty, and having ancient treasures revealed between layers of rocks. Attendees were Glen and Gregg, Roger/Lynne Calvert, Bob/Linda Bristow, Johnie/Ginger Pitman, Rick McDougal, Sharon Borgford, Doug Blecker, Ron/April Swigert and Hope, Peter Wyman, Sierra Drenneth and Kerry.

Consulting with the Experts



And look what we got!



Hundreds of small earthquakes recorded in Mount Rainier swarm for first time since 2009

by: Kaitlin Flanigan

PORTLAND, Ore. (KOIN) — Hundreds of small earthquakes have been detected at Mount Rainier in Washington in an earthquake swarm, the largest number seen in more than 15 years, according to geologists.

The U.S. Geological Survey says the **Cascades Volcano Observatory** and **Pacific Northwest Seismic Network at the University of Washington** started to detect the earthquakes just before 1:30 a.m. on Tuesday.

The earthquakes are currently numbering in the “several hundred small events,” with the largest one reaching a 1.7-magnitude and the earthquakes hitting at depths of between 1.2 and 3.7 miles.

“Earthquake swarms are relatively common at Mount Rainier, typically occurring 1–2 times per year but usually with many fewer events than have been detected so far during the current swarm,” officials with USGS said in a post on its USGS Volcanoes Facebook page.

The last time Mount Rainier saw a significant swarm of volcanoes was in 2009, when the mountain saw more than 1,000 earthquakes in a three-day period, with the largest clocking a magnitude of 2.3.

So what’s the cause of these earthquakes on Mount Rainier?

“Earthquake swarms like this have been attributed to circulation of hydrothermal fluids that are interacting with preexisting faults at shallow levels below the summit of the volcano,” according to USGS.

Mount Rainier’s GPS stations have not recorded any changes in ground deformation, which is a warning sign for potential eruption.

Mount Rainier, which has the tallest Cascade Range peak at 14,409 feet, is listed as an “active, ice-clad

stratovolcano,” with strong geologic evidence of an eruption about 1,000 years ago.

This underwater volcano off Oregon Coast is set to erupt in 2025: What to know

By Ginnie Sandoval Salem Statesman Journal

An active underwater volcano in the Pacific Ocean off the Oregon Coast is predicted to erupt in 2025.

The Axial Seamount volcano is located nearly a mile beneath the sea approximately 300 miles off the Oregon Coast, just west of Astoria and along the Juan de Fuca Ridge.

The volcanic activity the Axial Seamount has recently displayed has scientists on their toes as it may be due for another eruption soon.

The underwater volcano has experienced three eruptions in the last 30 years, the most recent ones happening in 2011 and 2015. According to USA Today, the volcano has “erupted about 50 times over the last 800 years, about once every 15 years on average.”

Researchers at Oregon State University's Hatfield Marine Science Center are monitoring the Axial Seamount's activity in real time by using approximately 660 miles of undersea cables. Known as the Regional Cabled Array, it uses more than 140 instruments to constantly monitor activity. Their observations have revealed a pattern. “It’s at or almost at that inflation threshold where it erupted last time. So, we think it’s ready to erupt,” adding its activity has picked up in the last year.

The pattern spoke of shows rises in the seafloor that indicate magma is slowly accumulating and moving beneath the volcano's surface, causing an increased number of small earthquakes

Even if the Axial Seamount volcano erupts this year, there is no danger to people. While it is said the eruption could cause a series of small earthquakes, they aren't likely to be felt on land due to the volcano's depth and how far offshore it is.

Membership Dues:

\$20.00 per **household** per year is due to the club Treasurer Frank Stratton on the third Tuesday of **November** for regular members. Dues can also be sent to: Panorama Gem and Mineral Club c/o Johnie Pitman, 701 B Williams Lake Rd, Colville, WA 991114.

Webpage: <http://panoramagem.com/>

Facebook Group: [Panorama Gem & Mineral Club](#)

We, **The Panorama Gem and Mineral Club**, are a multi-faceted group of mineral-minded people. Our proud members include some real gems, a few fossils, and even some diamonds in the rough. A few have lost some of their marbles, but they know where to get more! A few need to polish their coordination because they are always tumbling! And some are miners who use the “silver pick” as their tool of choice! It should be crystal clear, that we all enjoy this unique conglomeration and above all else we strive to **HAVE FUN**. And we never throw stones (away).

A Quick Note from The Editor (Glynis)

*Thank you to those who contributed to this issue. If you have a special story to share, **please** contribute to OUR newsletter! Send ideas for articles, internet finds, jokes, pictures, adventure stories, science articles or your own articles to me. gghull@comcast.net*



Guinevere says “Hi”!

Refreshment Schedule for 2025

Last names that begin with the letters posted bring refreshments for that month

January – H, I, J
 February – K, L, M
 March – N, O, P
 April – Q, R, S, T
 May – W, A, B, C
 June – D, E, F, G
July – H, I, J
 August – Club Picnic
 September – K, L, M
 October – N, O, P
 November – D, E, F, G
 December – Christmas Party

Panorama Gem and Mineral Club: Organizational Chart

Officers

President:	Lynne Calvert		559-906-5923
Vice-President:	Bob Bristow		509-935-4375
Secretary:		gghull@comcast.net	
Treasurer:	Frank Stratton		509-207-8503
Trustee 1:	Kevin Youngblood		509-680-0207
Trustee 2:	Jim Peters		509-992-6921
Trustee 3:	Cyndie Doppler		509-216-5473

Committee Chairs

Program Coordinator:	Sheila Stratton		509-207-8506
Hospitality:	Betty Peters		509-992-6921
Historian:	Sheila Stratton		509-207-8506
Newsletter:	Glynis Hull	gghull@comcast.net	509-981-9714
Show Chair	Johnie Pitman		509-684-8887