

Place:
Arden Community Hall
636 Hall Rd
Arden, WA



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

The Panorama Prospector

May 2026

PANORAMA GEM AND MINERAL CLUB

Minutes for the April 21, 2026 General Meetings

Meeting commences at 6:00 PM.

Intro to Club and New Members

Financial Report – Frank gives update. Trustees each get a copy each month.

AMFS News (Headquarter) – We have one entry for the poetry contest

NMFS News (Regional Office) newsletter –

- Results from survey:
 - Help with trip cost at locations that charge for rock hounding.
 - Put together a presentation for clubs to use when talking with schools, events, etc.
 - Scholarship for undergraduate students (Geology and earth science degrees)
 - Fund Liability – Denied due to unpredictable variations and
 - More activities at regional shows. They are going to look into that.
- Report on regional rock show with pictures
- National Association of Geoscience Teachers (NAGT)

Rock Donation Update – Donation by MaryKay. Met with David who has rocks and does a lot of tumbling. He will be donating rocks to the club.

The club was contacted regarding a rock collection. The Calverts met with the owner who indicated he wants to sell in its entirety. Lynne mentioned she didn't want to set a precedent of purchasing rocks. We only accept donations. Johnny asked if he would trade rocks for labor. He was unsure if he wanted to do that. Lynne will show the pictures of the collection before our meetings begin. If anyone is interested contact Lynne.

Tumbling update – Carnelian was purchased for members to tumble. If you are willing to tumble, Kevin has several large tumblers up and running. Round of applause for Kevin for his hard work. The club will provide grit to anyone tumbling rocks. Roger has hydrochloric acid that was donation. There are 4 50-ml bottles available to members. Special handling instructions are required.

Trips

May 2nd was decided to go to Metaline Falls to look for trilobites at the quarry. Call land owner and quarry to confirm. Meet at Grocery Outlet in Colville at 9 AM or meet at 10 AM at the Food Court grocery store in Ione.

June - Yellow Pine Idaho

July - Anaconda MT crystal park & Sapphire Mines

August – Local trips

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Roger reads poem, Obituary of a Petrified Tree by Johnie Pitman.

Yearbook – Decided it's too much to do one every year, but maybe one every 5 years. Lynne will be asking club members if they would like to add information or pictures. She talked about what the yearbook would look like and type of information it might contain.

Discussed having understudies for club officers so that we have backups to the various positions.

Big Iron Mine – By Joe Bacerra in Silverado Newspaper Article (Field Trip) I am open to take people but no Wednesdays or Saturdays.

Share a rock & Open Mike Time

Bob Bristow didn't recommend hydrochloric acid for cleaning quartz crystals. Use Oxalic acid and it will not be worth anything unless you bring it to a boil. I use a crockpot put it in and put it on high and leave it overnight. Then let cool and pull it out. Can be used on Calcite as well. For the hydrochloric acid add water and a cord around crystals and foam for 2 seconds and then pure water and drench to rinse. It was suggested that oxalic acid can be acquired in powder form from the Bar Keepers Friend.

Video Presentation Presented – Washingtons Magnificent Magnesite

**Special Thanks to Joe Baccerra for donation the National Audubon book on rocks and minerals

The meeting ended at 7:41 PM.

`Twas a Trilobite Party By Lynne Calvert

Audrey and Lynne coordinated a trilobite party on May 2nd, 2026. What a fine group of rock hounds showed up for the party! The caravan of cars traversed the bridge into Metaline Falls, whereupon, we saw a pirate boat in the river. We stopped at

Busta Park to meet more members of our group. Heavy logging activities were evident as Jeff Tetrick led the party up the narrow dirt road past stationary logging equipment. Roger used his managerial skills to get the caravan moving into a clearing to park all the cars off the road. The group was eager and started digging and breaking rocks open right away. The quarry tour guide, Glen, was working on an area about 100 yards away. The party grew bigger as members from the Stonerose Interpretative Center joined us and provided their expertise. Before we broke for lunch, Glen led us to a different location. The trilobite species are more valuable but more difficult to find in this area. After lunch, a few members decided to go back to the first location. It was a beautiful day in the deep woods finding and learning about trilobites. I want to thank Audrey, Jeff, and Roger for taking charge when needed. The dig was a success and I heard members want to come back again this year. On our way home, Roger and I saw a healthy coyote cross the Tiger HWY. It was an added bonus to a wonderful day.





Visiting Petroglyphs

By Glynis Hull

I recently visited my sister in New Mexico. While there we drove up near Alamogordo to see the petroglyphs. They were etched into limestone rocks that had some sort of black coating on them, almost as if they had been burned. For as long as they've been there no one knows what the pictures mean or what native language they represent. There are many thousands of them in the area, some easier to see than others. They're just one of the many secrets New Mexico has in store for visitors to the state.



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OPALS OF THE WORLD

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Gems That Came From Space

Cosmic treasures that landed on Earth! 🌌



Peridot

Space Peridot
(Found in Meteorites)
 $MgSiO_3$
Hardness: 6.5-7



Pallasite

Meteorite with Gems Olivine
Hardness: 5-6
A fusion of iron & gem from space!



Moldavite

Impact Glass from Meteor Crash
 $SiO_2 + Al_2O_3$
Hardness: 5.5
Formed by ancient asteroid impact



Libyan Desert Glass

Saharan Impact Glass
 $SiO_2 + TiO_2$
Hardness: 6.5-7
Glass formed by a cosmic fireball!



Tektite

Meteorite Impact Glass
 SiO_2
Hardness: 5-6
Born from Earth's collisions with asteroids



Martian Meteorite

Rock from Mars!
A piece of the Red Planet!



Lunar Meteorite

Rock from the Moon!
Actual piece of lunar surface

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.

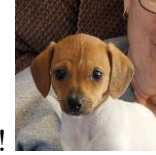
Webpage: <http://panoramagem.com/>

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:	Betty Peters		509-992-6921
Secretary:			
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