

Place:
Arden Community Hall
636 Hall Rd
Arden, WA



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

The Panorama Prospector

April 2022

PANORAMA GEM AND MINERAL CLUB

Minutes of the March 15, 2022 Meeting

By: Glynis Hull, Secretary

Panorama Gem and Mineral Club General Meeting March 15, 2022

President: Sheila Stratton opened the meeting at 6:05 pm, welcoming everyone including four new members.

Vice President: Bob Bristow said planning is going on for summer field trips and any suggestions would be welcome.

Treasurer: Frank Stratton presented the financial report for February 2022 and the preliminary proceeds from the show. Income was higher than expenses and the show was financially successful. Most exciting was the amount of donations given for the scholarship fund. Moving the donation jar to a more visible place at the front desk was attributed to the success.

It was decided there would be a field trip to Turkey Mine on May 21st.

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Clubs 2022 Show

By: Johnie Pitman

The Earth Treasurers Show for 2022 was a big success thanks to all the club members who worked hard for three plus days and some high school boys. The attendance was very good both days with 292 guest who signed up for the door prizes on Friday and 336 on Saturday plus probably 10% that didn't sign up, that would be approximately 700 adults. About 440 of The Treasure Hunt booklets were used, so the total attendance was about 1150 (+ or -) 50.

The thought of getting set up and tearing down was making me nervous considering the age and physical condition of our available members, until two high school boys were available to help set up on Wednesday after school. They were shown how to put the tables together and given a floor plan showing where the tables needed to go, they almost did the set up for us. On Saturday then some high school boys and other club members relatives were a great help in getting everything taken down and stored in the club trailer.

The dealers were happy and that only happens when they have made some money. One dealer donated \$50 to the club because they had done so well.

Even with the cost of renting the Ag Trade Center being more than doubled over other years and the purchase of some new signs to advertise the show and a new roll of skirting the club came out financially as good and maybe better than other years. The Wheel of Fortune, Silent Auction, Ring Toss, and sale of grab-bags all did very well, no one

seemed to mind that we had raised the price of the grab-bags. The donations to the scholarship fund were at least double the amount received other years.

The rest of the show attractions were also very well done, the Treasure Hunt kept the kids busy and maybe they also learned something, the Black Light Tunnel was a popular place for everyone, and the 22 displays were well done, also the cabbing and gold panning demonstrations were well done.

My biggest gratitude goes out to every club member that spent so much time and did so much work to make our show a success.

Johnie



The Treasure Hunt Table Was a Big Hit with The Younger Crowd



Show Venders at Work



Jim Peters Manning the Wheel of Fortune



Dealer and Club Member Brian Martell with One of His Many Customers



One of the 22 Great Displays Our Members Did This Year



An Outstanding Display Done by One of Our Younger Members

A Few Words from Our Treasurer

By: Frank Stratton

I would like to inform all our members and those associated with PGMC of the following information of scheduled events:

First, at our next meeting on the 19th of the month we will have a presentation presented to us by Joe Barreca on geology of local locations to explore. He is planning to have pictures along with his audio presentation. This will be a great opportunity to learn of the area and where to go to find certain minerals. This will also help in planning some of our field trips this summer.

Secondly, Greg Cozza has been able to schedule one of our first field trips to explore for the desired “**Noble Serpentine**” at the “Wild Turkey Mine”. Put on your calendar the date of May 21, 2022, for the outing, so you don’t miss it or schedule something else in its place. More details will be given at our next meeting and a second reason not to miss the upcoming meeting on the 19th.

Thirdly, one of our longtime members Becky Dobbs has finally decided that she needs to make some changes in her life and plans to move out of the area. She has been one of our vendors for many years at the annual Rock and Mineral Shows. Over the years with the club and as being a vendor, she has collected several rocks, mineral, slabs, etc. as well as

some equipment items. She is planning to have a sale at her residence on April 23, 2022, between the hours of 10:00 am & 2:00 pm. Her address is 968 Philpott Road, Colville, and phone number 509-684-6931. This will be another great time to pick up on collectibles, and, if interested, some much-needed equipment for cutting and polishing cheaper than dirt! (almost)

Pricing is as follows for rocks, minerals & slabs at a \$1.00 per pound.

Pricing & description of equipment as follows:

- 16-inch rock saw with all the oil throw-in for \$1,500. Purchased from Brian Martell & used only for 1 year after purchase. It is in excellent condition & I am sure member Brian will confirm that & I know he always goes through equipment before he sells it.
- 20-inch flat lab polisher that great with a new motor installed. Asking \$200, but not firm at this point and purchased from Gene Fisher. A new motor is most likely worth the price Becky is asking for it.

If nothing else come by and say, “**Hello or Goodbye**”, which ever you wish, because this will be the last chance you’ll be seeing her.

If you have any questions, feel free to contact me. I look forward to seeing you at the club meeting on the 19th.

Frank Stratton
Panorama Gem & Mineral Club
Treasurer
Cell 509-207-8503 & Text messages
<http://panoramagem.com/club/>

Field Trip

Noble Serpentine at the “Wild Turkey Mine” May 21, 2022

Meet at Safeway in Chewelah by 9am,
We Will Leave the Parking Lot at 9am Sharp.
Remember this is a private mine and the
Cost is \$1 a pound for material you want to take
home.

Minutes of the March 15, 2022 Meeting
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Show results: Johnie updated the show information. We had extra help from local high school boys making setting up and tearing down much easier. We need to target our advertising more, so we get the most coverage for the least amount spent. The black light set up needs to be revisited for next year. It was estimated that about 1300 people attended the show. The food vendor, Mr. Sub backed out and the Addy Grange took over. Many people took the time to eat at the show, keeping them at the show longer and giving the Grange more profit. During the show, the club received a donation of a spectacular collection of stone-set belt buckles.

Break

Presentation: A DVD about the “Ginkgo Tree of Stone” found near Vantage WA.

Respectfully submitted: Glynis Hull, Secretary

Minutes of the March 25, 2022 Board Meeting

By: Glynis Hull, Secretary

Several topics were discussed:

Show Related Topics Included

- Getting padded rugs for standing areas
- Changes to the black light area, more powerful lights
- Find some way to isolate the club members' eats so the public doesn't help themselves
- Enter and exit signs, bigger signs for black light area, dealers can bring their own signs and keep them in their own area
- Find ways to get the schools back, particularly the private schools in the area

Minutes of the March 25, 2022 Board Meeting
Continued

- Shorter silent auction times
- Shorter Friday time since public schools aren't coming anymore to open at 9am
- Increase prices for club activities: grab bags (already raised to \$2), wheel of fortune, need larger polished rocks, increase table fees. Nothing was decided at this point.

Field trips: Other clubs' involvement was discussed in depth. It was decided that a person can come as a guest one time to see if they enjoy it then they must join the club to continue attending club sponsored field trips. This was moved and seconded and approved by the Board.

Resources for meeting presentations were discussed.

Trip to Wild Turkey Mine formalized. Meet at Safeway in Chewelah at 9am, May 21st

Scholarships: Club can do three at \$1000 each this year. Applications will be due by May 1. Bob Bristow will do the presentations at the schools.

Having a “membership coordinator” to help new members stay engaged

Identify the “Rock or Mineral”

Last Month's Rock or Mineral:



Dolomite – Dolomite, an anhydrous carbonate mineral, is found both as a mineral and a rock. In its

pure form the mineral Dolomite crystallizes in the trigonal-rhombohedral system forming white, tan, gray or pink crystals. It is a double carbonate that has an alternating structural arrangement of calcium and magnesium ions. It has a chemical formula of $\text{CaMg}(\text{CO}_3)_2$. It has a Mohs hardness of 3.5-4 with a specific gravity of 2.84–2.86 and gives a white streak. It has a vitreous to pearly luster. Dolomite is similar to Calcite. Calcite is composed of calcium carbonate (CaCO_3), while Dolomite is a calcium magnesium carbonate ($\text{CaMg}(\text{CO}_3)_2$). The best way to tell these apart is by their hardness and acid reaction. Calcite has a hardness of 3, while dolomite is slightly harder at 3.5 to 4. Calcite is strongly reactive with cold hydrochloric acid, while Dolomite effervesces weakly with cold hydrochloric acid.

As a rock, Dolomite (also called Dolostone) is a sedimentary carbonate rock with a high percentage of the mineral dolomite. In this form it contains impurities such as Calcite, Quartz, and Feldspar. It is often in association with limestone and evaporites.

As a mineral Dolomite has few uses, but as a rock it occurs in large minable deposits that has a large number of uses. Its uses vary from its use in construction as an aggregate in concrete, as a road base, railroad ballast, rip-rap to its use to make magnesia for medical applications and for preparation of magnesium salts. Dolomite is also used in soil mixtures to lower acid levels and in saltwater aquariums as a method to increase the general hardness of the water. It is even used as an ornamental a structural stone and for extracting certain metals from their ores.

This Month's Rock or Mineral:



Fossil Woods of Eastern Washington

Here is a great informational resource. They have an outstanding research paper on the petrified woods of Eastern Washington. You can download a PDF file of this research paper at this site. While you are at this website check out their other outstanding resources.

<https://evolvingearth.org/research/fossil-woods-eastern-washington/>

New geologic mapping data at scales of 1:25,000 to 1:99,000 on our portal

From: Washington Geological Survey

We are pleased to announce the publication of a new dataset available for download and viewable on the [Geologic Information Portal](https://geologyportal.dnr.wa.gov/) (<https://geologyportal.dnr.wa.gov/>). The 1:25,000-1:99,000-scale surface geology dataset (listed as 25-99k Surface Geology on the portal) was added to the portal to host published geologic maps in the intermediate range between the more common 24k and 100k scales.

Geologic data are mapped at a variety of scales (resolutions) depending upon their intended purpose. While a 100k map is useful for showing geology over broad areas, with general outlines for major features such as major roads and parks, the 24k scale is standard for higher resolution of smaller areas, providing such detail as private roads, campgrounds, and geologic feature detail comparable to those sizes.

Our initial release of this intermediate-scale geologic mapping dataset includes 10 geologic maps from around the state that were mapped at a 1:62,500 scale, but do check back frequently because we will be adding many more maps soon! We have been hard at work for many years with digitizing some of these older, intermediate-scale maps, and we intend to add these to our portal in due time.

This new dataset features a map index layer, which serves as a reference for the map areas as well as provides the original source citation for each map area.

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 99114.

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

The restrictions put in place because of the Covid Virus have interrupted and changed many of the club and members plans.

This has resulted in the modification of our club meetings and club activities until further notice.

It is hoped we can resume a somewhat normal schedule of events soon, but until then stay healthy and safe.

Refreshment Schedule for 2021

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

January – N, O, P

February – Q, R, S, T

March – W, A, B, C

April – D, E, F, G

May – H, I, J

June – K, L, M

July – N, O, P

August – Club Picnic

September – Q, R, S, T

October – W, A, B, C

November - D, E, F, G

December – Christmas Party

Panorama Gem and Mineral Club: Organizational Chart

Officers

President:	Sheila Stratton	skstratton@hotmail.com	509-207-8506
Vice-President:	Bob Bristow	bristow71@outlook.com	509-935-4375
Secretary:			
Treasurer:	Frank Stratton	frstratton@outlook.com	509-207-8503
Trustee 1:	Jim Peters	jimnbetty17@gmail.com	509-992-6921
Trustee 2:			
Trustee 3:	Greg Cozza	troller@hotmail.com	509-710-0375

Committee Chairs

Program Coordinator:	Sheila Stratton	skstratton@hotmail.com	509-207-8506
Hospitality:	Betty Peters	jimnbetty17@gmail.com	509-992-6921
Historian:			
Newsletter:	Jim Retzer	jimrocks@recycledhistory.com	509-738-2503
Show Chair	Johnie Pitman	jgpitman@outlook.com	509-684-8887