

Place: Arden
Community Club
Hall Rd
Arden, WA



Time 7:00 PM
Third Tuesday
April - September
6:00 PM October -
March

The Panorama Prospector

May 2018

Panorama Gem and Mineral Club Minutes April 17, 2018

by Sheila Stratton

The meeting was called to order by Johnie Pitman. Johnie asked if there were any visitors and a welcome was given to Gimmie Morgan. Bob Bristol gave a big “hello” to everyone. Bob talked about a speaker that is planned to come to next month’s meeting by the name of Bob Lambeth. Mr. Lambeth has worked in mines around the world, but next month he is going to specifically talk about the Rainey Mine (Page 6).

There was nothing to report by secretary. The treasury report was then given by Frank Stratton. There were no questions.

Johnie read a list for show suggestions by club members.

1. We get a later date for the show. Johnie checked with the Ag Center for dates and they are full in April and May. It was decided to keep our second weekend in March.
2. Have a display of local rocks.
3. Clean display cases and new liners.
4. Start earlier in doing preparations for the show. It was suggested that the women who sew work on the bags all year.
5. Different black light cave that might be easier to put up. Discussed size – needs to fit in room.
6. Invite Chewelah schools.
7. More games for kids – but we do not want to take away from vendor space.
8. Ran out of polished rocks. Scot has placed an order to get 100 pounds of grit.

On May 12, 2018, 1:00 to 5:00 p.m., members of our club will be speaking at the Historical Society. It was encouraged for members to come and support them. continued on *Page 2*

THUNDEREGG HUNT *BY FRANK STRATON*



On a beautiful spring day with blue skies and white puffy clouds the club met at Johnie and Ginger Pitman’s home for a thunderegg rock hunt. There were 200 thundereggs hidden in their yard around the house.

After Johnie gave everyone instructions on where to hunt and what to look for, we all stood there with buckets and bags and a twinkle in the eyes of remembering the days of being a kid again. We were instructed not to run (laughter) and not to take his beautiful rocks in the planters. Off everyone went in different directions picking up the treasured eggs.

After all the hunting was done and it appeared no remaining eggs were left, we headed back to the patio area to count our eggs. There was one prize for having the most eggs. That prize went

Minutes from page 1

Cyndie Doppler reported she is still working on the plaque to attach to the Black Light Cave in remembrance of Bill Allen.

The scholarship applications will be picked up on May 1, 2018, and the trustees will meet on May 8, 2018, at the home of Sherryl Sinn to go over applications. It was decided that Johnie Pitman would present the scholarship for the Kettle Falls High School and Bob Bristol would present the scholarships for the Chewelah and Colville High Schools.

It was announced about the Thunder Egg Hunt at Johnie's home on 4/2/18 at 1:00 p.m. and that they have plenty of eggs. Bring a bucket.

It was brought up that field trips for April and May are listed in the club paper. Scot Jackson announced that on May 21, 2018, he has a group going to McDermitt, Nevada. Also, on June 23, 2018, Scot is planning a trip to Flagstaff Mountain in Northport. If interested in any of these outings, please contact Scot Jackson.

If anyone is interested in attending the North Idaho Rock Show, it will be held on June 1st and 2nd at the Coeur d'Alene Showgrounds.

Johnie asked if there was any New Business. Joe Barreca requested donations of polished rocks for the Farmer's Market being held Wednesday and Saturday, May 2 & 5, 9:00 a.m. to 1:00 p.m.

Bob Bristol brought a rock for people to identify. The name of the rock is Lepidelite.

Refreshments were served.

Silent Auction and Drawing was held.

A slide show was presented by Dave Paquette of his prospecting experiences. He displayed the sluice box he built and told how it operates. He shared good information about gold mining and where to look for gold. Meeting was adjourned.

end

Refreshments were served with homemade candy, cookies and the famous "Pitman Apple Cider." There was lots of talking with a few taking tours of Johnie's Rock Shop.

A big thank you and much appreciation go to Johnie and Ginger for setting up the hunt and their warm hospitality!

JOHNIE'S JABBER

BY JOHNIE PITMAN

The "Thunderegg" hunt went well, 25 members showed up to look for 200 thundereggs that I had hid around our yard. The younger generation outdid the older members. The two youngest in the hunt found the #1 and #2 prize eggs and the third youngest got the prize for finding the most. I think all the eggs were found except two, Ginger found one, near the carport where the hunt started, a few days later, and I found one with the lawn mower this week. Thanks to all who donated thundereggs!! It was fun.

Anne Ott donated several books and maps for the club's use. There has been a system set up for members to check them out, Ginger will take a picture of the items and the person. Then when the items are returned the picture will be deleted. The books are: #1. Discovering Washington's Historic Mines: Stevens and Pend Oreille Counties. #2. Discovering Washington's Historic Mines: Okanogan Highlands and Ferry Counties. #3. Canyon Country Geology. #4. Rockhounding Oregon. #5. Gem Trails of Idaho and Western Montana. #6. Gem Trails of Oregon. #7. Rockhounding Idaho. #8. Gem Trails of Nevada. #9. Collecting Agates and Jaspers of North America. The Maps are: #1 Montana Ghost Towns/sites then and now. #2. Washington Gold and Gem Maps. #3. Idaho Ghost Towns/sites then and now. #4. Montana Gold & Gems Maps. They are for you to check out and use if you are going to any of these places. THANKS ANNE!!

The scholarship applications have been delivered to the trustees for their review and selection of the winners. There were 13 applications from Chewelah, 9 from Kettle Falls, and 4 from Colville, that's more than we have ever had before. I will present the scholarship to the winner at Kettle Falls and Bob Bristow will present the scholarships

to Bryce McDaneld. There were three eggs with numbers on them. Number one was found by Matthew Harbin; number two was found by Lincoln Boone; and number three was not claimed. Prizes were given out to the winners, but we all felt like winners with our buckets of thunder eggs. It will be exciting to slice them open and see what wonders await us inside each egg.

to the winners at Chewelah and Colville. The scholarships are for \$1000 each with one going to each school.

Stonerose Interpretive Center and Eocene Fossil Site Field Trip

Martin and Sherryl Whitney



We get up this morning and I remind my wife that we were going to the Interpretive Center and fossil dig site. She looks outside and sees all the rain coming down, then give me "The Look", all husbands get them, the lucky ones learn quickly that you need to do something to take her mind off the topic, so I say "we can stop and get you a latte right away. She says ok so I know I am in the right approach , we grab a latte and head toward Colville.

Off on the east side of the road we see our fist bald eagle for the year feeding on a road kill, snap snap photo shot time. Wife really loves taking pictures. We arrive at Kettle Falls and I am looking forward to seeing Lake Roosevelt as we cross over the bridge. Darn no lake barely a river I could throw a rock across, well they will let the water back in one of these days but no fishing for a while.

We head up toward Sherman Creek, and the rain eases up, going to be a nice day. We are treated to beautiful mountain scenery. We cross over to White Mountain and there is snow all over, berms on the side of the road and up the hill side, just like we stepped back to January again. We come on down the mountain straight into Republic, we were expecting a rundown town with no tax base but were we surprised. All along Main Street the businesses were all restored to the 1900 era,

very colorful with murals painted on the side of the buildings. We stopped and asked for directions and they said just on down Main Street and turn west by the drug store.

We find a little park and a real pretty building that has 2 white bridges to get to the Center. What a delight we found period pictures and memorabilia from the era. From medicine bottles to actual pictures of the miners and samples of the equipment they used.

Now I studied Washington State history in school, but never heard anything about gold mining in Republic.



Fossil Identification with Carol Fugitt

The director of the Interpretive center, Kathrine Mead, is a lovely lady, with her crew handling questions about fossils to how to break rock. Very organized, efficient and joyful. Travis Wellman is the Operation manager, he was handling check in and making sure visitors had tools and boxes to put their finds in. Andrew Brotker and Carol Fugitt were handling diggers returning from the site. They were showing what type of fossil they had found and helped cut the stone so it wasn't real large to handle and showed us on a microscope I/o computer device that blew up the specimen onto a computer screen to let us see real well what the type of fossil it was. Then Carol had a sheet of paper with all the different types of fossils on it and they had corresponding numbers which Carol wrote on each specimen.

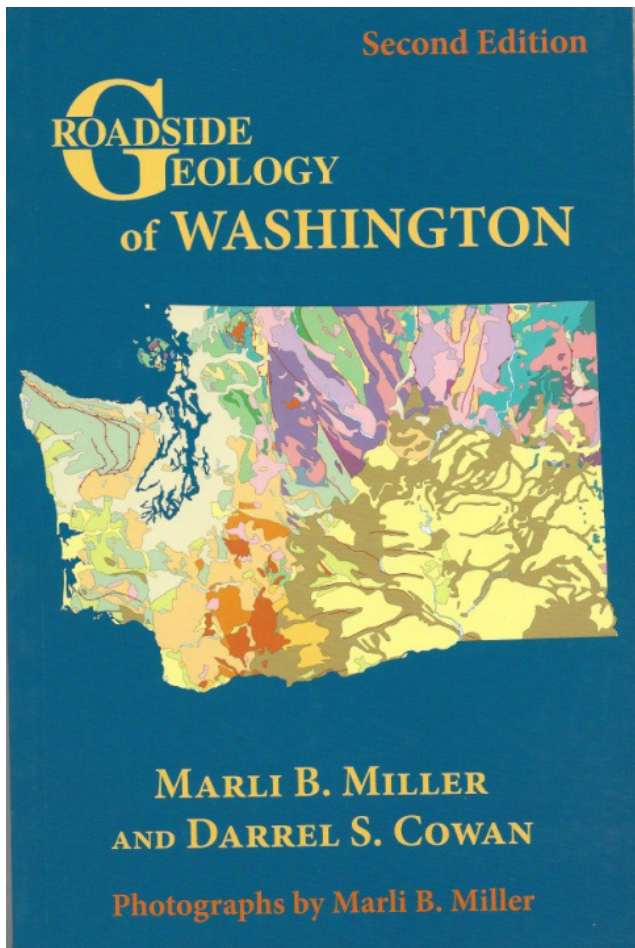
All told this was a great place to visit all year long and get fossils of your own, with the great assistance of a outstanding staff. We will be coming back for sure.

BOOK REVIEW

by Sharon Borgford

The Second Edition of Roadside Geology of Washington (by Marli Miller and Darrel Cowan) has just been published (late 2017) and is now available. It contains a well written, updated overview of the whole State's geologic history, and then goes into more detail about each major section of the state. Full color photos, maps, and illustrations make this an enjoyable book to have as a reference while traveling or to just enjoy reading. It depends heavily on roadside mile markers in the descriptions of what you are seeing, so it is helpful to initially read the appropriate roadlog sections prior to traveling them.

Publisher: Mountain Press Publishing Company of Missoula, Montana.



Free Rocks at the Farmers Market

by Joseph Barreca



While selling wine, maps and plants at the **Northeast Washington Farmers Market** in Colville on Wednesdays and Saturdays, my wife, Cheryl and I have been promoting the Panorama Gem and Mineral Club by handing out free newsletters and one free rock per person. We even printed out little description cards of the Serpentine and polished Montana agates from our own collection and from Johnie Pitman and Becky Dobbs that we give away.

This has been very popular and people walk away with a lot of rocks and newsletters every week. The downside is that we are running low on rocks. So if you have any polished rocks lying around that you could donate to the cause, **We Need More Rocks!**

Dotsero Diamonds

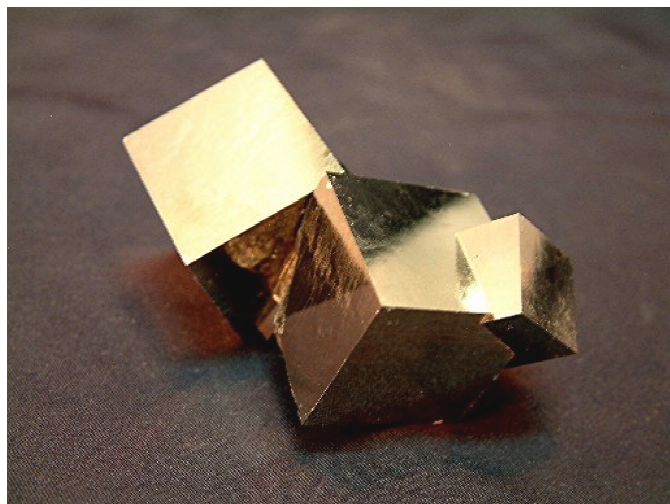


Dotsero Colorado is home to a huge volcano. In the rim of this volcano you can find "diamonds" that are akin to Herkimer Diamonds from New York. They are

actually very good quality quartz crystals.

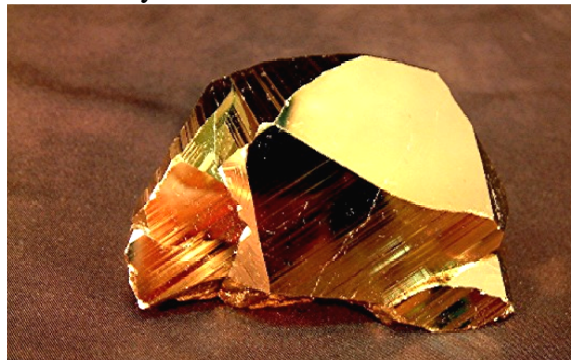
JUST PYRITE

by Bruce Hurley



Cubic Pyrite Crystals, Spain

crystal axes which are at right angles and of the same length, width and height. But there are also many possible variations on the system which allow other equal-dimension shapes besides cubes. The beauty of pyrite is not only in its bright color and metallic luster, but also in the many forms in which it crystallizes.



Single Modified Pyritohedron, Peru

Pyrite, FeS_2 or iron sulfide, is the most commonly-recognized metallic mineral. Because of its brassy yellow color, which resembles gold, pyrite is often referred to as Fool's Gold, but is much harder and more brittle than gold. Pyrite is found in a great many geologic environments, including igneous rocks like basalt and granite, metamorphic rocks such as slate and most types of ore deposits. And in some of these deposits, pyrite itself can contain considerable amounts of gold, as at the Haile Mine in South Carolina and the Colosseum Mine in southern California.



Sun-Shaped Crystal Aggregate, Illinois



Octahedral Crystals, Peru



Ammonite Replaced By Pyrite, Germany

Pyrite crystallizes in the cubic (isometric) crystal system. The basic crystal shape for this system is indeed a perfect cube, which has three

(Note: Bruce included several other beautiful pictures of pyrite in this article but there is not enough room. I can email them to you. *JB*)

Membership Dues:

\$20.00 per household per year is due to the club Treasurer

Frank Statton (address below) on the third Tuesday of November for regular members.

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

Contact: Johnie Pitman, President, 509-413-2768.

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).

May Meeting 7 PM

Our guest speaker at this upcoming meeting is **Bob Lambeth of Deer Park**. He is an internationally recognized mine expert that specializes in difficult mine problems.

He has started mines, worked underground during the mining process and closed mines (like the **Rainy Mine**) in the **Lower US, Alaska, Canada, South America, and Europe**. The **Rainy Mine** is one of several "pipe" deposits in the **Cascades**.

Refreshment Schedule for 2018

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

January – W, A, B, C

February – D, E, F, G

March – H, I, J

April – K, L, M

May – N, O, P

June – Q, R, S, T

July – W, A, B, C

August – Club Picnic

September – D, E, F, G

October – H, I, J

November – K, L, M

December – Christmas Party



This is a sample of anthophyllite from the Rainy Mine. It is associated with talc and is defined as orthorhombic amphiboles in the magnesium-iron-manganese amphibole subgroup. The mine is also known for "Japanese Twin"

crystals, highly valued and sought after.

Panorama Gem and Mineral Club: Organizational Chart

Officers:			
President:	Johnie Pitman	701 B Williams Lake Rd, Colville, WA 99114	509-684-8887
Vice-President:	Bob Bristow	PO Box 1165; 2567 Mud Lake Rd. Chewelah WA 99109	509-935-4375
Secretary:	Sheila Stratton	79 Mary Ellen Rd, Kettle Falls, WA 99141	909-207-8506
Treasurer:	Frank Stratton	79 Mary Ellen Rd, Kettle Falls, WA 99141	909-207-8503
Trustee 2:	Gene Fisher	294 Gold Creek Loop Rd, Colville, WA 99114	509-684-8546
Trustee 3:	Dennis Gibbens	827 Hwy 20 E, Colville, WA 99114	509-684-3532
Trustee 1:	Sherryl Sinn	725 S. Chester, Colville, WA 99114	509-684-6093
Committee Chairs			
Program Coordinator:	Bev Bockman	1750 N Havichur Loop, Post Falls, ID 83854	208-773-5384
Hospitality:	Sherryl Sinn	725 S. Chester, Colville, WA 99114	509-684-6093
Club Shop:	Gene Fisher	295 Gold Creek Loop Rd, Colville, WA 99114	509-684-8546
Historian:	Carol Price	PO Box 77, Laurier, WA 99146	509-684-2857
Newsletter:	Joseph Barreca	2109 Hwy 25 South, Kettle Falls, WA 99141	509-738-6155
Show Chair	(vacant)		