

Place: Arden
Community Club
Hall Rd
Arden, WA



Time: 7:00 PM
Third Tuesday
Each Month
(Jan.-Dec.)

The Panorama Prospector

July 2013

Panorama Gem and Mineral Club June 18, 2013

By Luci Bristow

President Bruce opened the meeting and talked about the great attendance at the Bluebird field trip. The Keystone (Edna) field trip was a good trip in that everyone that attended had a "treasure" to take home. The Mica Mountain trip is still in question.

President Bruce would like to have an up-to-date e-mail list. Members were asked to sign the sheet that was on the front desk. Let us know if you did not get your e-mail listed and we will do so.

The club has planned a trip to Horseshoe Mountain on June 22, 2013. We will meet at Harvest Foods in Kettle Falls at 9:00 AM and at the Cenex Station in Republic at 10:00 am.

Arden Fritz gave the Treasurer's report in Johnie's absence. Thanks, Arden.

The video-equipment cabinet was discussed. There are several desirable qualities that we would like to have included in purchasing the cabinet. It is 38" wide, 23" high, and 10" deep. We would like to have the doors lockable. It would be advantageous to have coasters for pushing the cabinet in and out of the storage room. Several members are still looking into the purchase of the cabinet.

Andy Buddington, a geologist, will be talking about the Newport/Pend Oreille area on August 3. There may also be discussion on the Pend Oreille Park/Davis Lake area. There will be more information at the next meeting. He is also presenting information on the Colville/Kettle Falls area on July 20, 2013.

The Metaline Falls Quarry trip is planned for June 29. President Bruce asked that everyone

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A MEMORABLE ROCK HOUNDING TRIP

By Sherry Bamberger & NeNa Wright

Photos by Ginger Pitman



[Karen Kroha and Monster Ribbon Jasper]

Early morning of June 17th, Johnie and Ginger Pitman met up with Sherry Bamberger and NeNa Wright for a rock hounding trip to Prineville, Oregon. This trip will go down in our book as one of the best and most memorable ever.

We met up with Karen Kroha in Prineville. Sherry had met Karen on the Lapidary Swap Site and Karen became a treasured camp friend by all. We made it to Maury Mountain about 5:30 pm and found a nice place to set up camp. After a very brief discussion we all decided to take advantage of what daylight was left and go in search of Maury Mountain Moss Agate and set up camp in the dark if it came to that. Rocks DO take priority over setting up camp!!

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remember to sign the insurance agreement before going on a trip.

President Bruce showed a video of the Kilauea Volcano in Hawaii for our Presentation. It was very interesting because a number of the members had seen the volcano "up-close and personal".

Snacks for next meeting are to be provided by: Matt, Scot, Luci and Jan.

end

Tuesday the 18th we spent all day digging for more of the treasured Maury Mtn Moss Agate. We all found some nice hunks, lots of beautiful tumble material and had a great time. Evenings around the campfire were some of the most memorable times that we all have had. Lots of laughs and great stories and each night after dinner Ginger shared dessert with us all...thanks for the extra pounds Ginger!! Johnie and Sherry were the on site "pyromanic fire tenders", Ginger was the attending "fire marshall" and NeNa was our constant encouragement. LOTS OF RAIN!!! Leaving the Maury Mtn area after two days of rain caused the Pitman van to sink into the mud. But, the power of four determined rock hound women pushed it out onto solid ground!!



The morning of the 19th we packed up camp and headed into Prineville. First stop was the laundromat to dry NeNa and Sherry's sleeping bags, pillows and shoes that all were soaked due to a leaking canopy. Then on to the Quaint Rock Shop in Prineville. We all found some treasures there and helped the owners, I am sure, fund more rock buying!! Met Terry Lee Hiatt there, who Sherry had been trading with on the Lapidary Swap site. Great people, and a wonderful little museum of the owner's fathers old finds. Jaw dropping Biggs Picture Jasper!!



We headed out of town to the Paulina Limb cast area and set up camp. Johnie and Ginger camped up the road above the rest of us to keep the van on solid ground and us three girls really missed having them in camp. We all found some wonderful limb casts and did a LOT of hiking.

The morning of the 21st we all packed up and headed back toward Prineville to an area we had heard of that had nice Ribbon Jasper. It was a TREACHEROUS climb, led by our fearless [Ochoco Ribbon Jasper] leader Johnie Pitman. NeNa and Ginger, obviously smarter than the rest of us, opted to stay on a lower level. Sherry decided to pick up the wrong rock and promptly found a scorpion!! Johnie, Karen and Sherry then scaled toward the top and found some nice material. The walk down was also treacherous and we were all thankful that Ginger had brought their Tracker as far up as she could to pack our rocks and gear back down to the vehicles. Back we went to the Quaint Rock Shop..that is a good place to stay AWAY from if you get to Prineville...way too much temptation!!



From there we went to the Prineville Pow Wow

and saw Brian Martell and met Rock Licker and his wife and Tom Kellerman, more folks from the Lapidary Swap Site. Was a wonderful time with them all.



BACK to Maury Mountain we went...rain or no rain, we were determined to find some nice moss agate. We spent the last two nights of our trip there and found some nice specimens. Our last day of digging on Maury Mtn was our ONLY day of sunshine...a welcome change. Karen Kroha left our camp and was missed by all. We were all so thankful to have time with her and truly enjoyed getting to know this awesome gal. NeNa and Sherry wish to express our deep appreciation and gratitude to Johnie and Ginger Pitman for making this the best trip either of us has ever been on...filled with much laughter and wonderful memories. If you get a chance to travel with the Pitman's be SURE and take the opportunity to do so. It will be one of the most fun filled times you could ever have!!! We are all looking forward to a trip to McDermitt next year and more wonderful times. Thanks to all of you for being a part of a great trip!!

Lapidary Rock Collection for Sale

Contact:

**M. Trexler
509-775-3401**

Trilbite Trip a Success

Photos by Jamie Dahlke of Spokane

Story by Bruce Hurley



[Finding Trilobites in the Leigh Quarry]

The Panorama Gem and Mineral Club hosted a trilobite field trip to the old Leigh Quarry near Metaline Falls on Saturday June 29th. The weather had been hot the week before but rain threatened on the day of the dig. Bruce Hurley, the PGMC club president led this expedition and describes it this way: "It turns out that the weather was actually pretty nice, except for a brief shower about noon. We ended up with 42 people and 17 vehicles at the quarry. One lady from Spokane (Jamie Dahlke, I believe) took quite a few photos. I took several photos, too, but I put my camera away when the rain started and was too dirty to take it out again, afterwards.

This photo of Scott is from Friday, when he, Johnie and I went up to bring down some rocks to keep people busy away from the bad wall areas, on Saturday. Note his rock-moving attire."

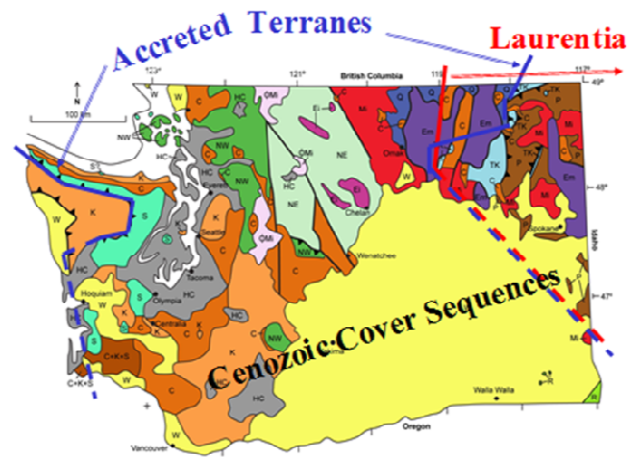
Geology Tours

The Panorama Gem and Mineral Club is hosting two geology tours this summer guided by Andy Buddington. The first is on July 20th and will visit sites from Loon Lake to Kettle Falls in Stevens County. The number of cars allowed is limited so potential tourists will need to contact Pat Weeks weeksandweeks@gmail.com to reserve a place. This was originally a two day tour described in detail in a paper by Andy Buddington and Eric Cheney called: Geology of the Continental Margin of Ancestral North America: Laurentia in Northeastern Washington. The trip will be abbreviated to one day for this outing, so expect a long day.



[Scott Jackson, ready to bring down some rocks.]

(Actually, this is a very practical outfit. Those may be steel-toed boots. The hard hat and gloves are standard, but the extra heavy-duty knee pads are especially nice. I wish I had a pair. *Joe*)



Another geology tour, this time in the Pend Oreille Valley will be held on Saturday August 3rd, also led by Andy Buddington. If you are also interested in this trip, contact Pat Weeks.

More Geologic Information

The DNR has released a copy of their 1990 report on the Metal Mines of Washington. It covers the contents, names and links to more information for metal mines in Washington by county. We now have the report in four files on our website:

[Part 1](#) - Necessary because it has the index.

[Part 2 1](#) - There are actually 3 files in part 2

[Part 2 2](#) - These are all about 10 Megs

[Part 2 3](#) - A lot of Stevens County is in this last file.

Although these links are clickable from the online version of this newsletter, an easier way is to go to the website, PanoramaGem.com and open the post for Metal Mines of Washington under the Helpful Hints category in the menu on the right.



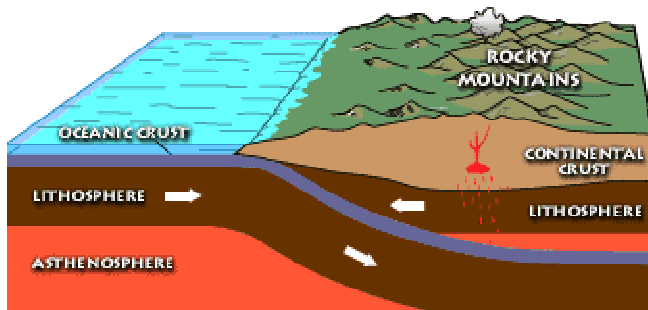
Scott was not the only one prepared for eventualities. These ladies had umbrellas, good for rain or sun. Behold the new standard for field trip tail gateing.

Chips Off The Outcrop

By Bruce Hurley

We have two interesting events coming up in the next several weeks. The first will be a geology field trip of the Chewelah-Colville area on Saturday, July 20, led by Andy Buddington of Spokane Community College. This trip will be limited to twenty people, to keep the number of vehicles low, as we will be visiting a number of roadcuts with limited parking. Stevens and adjacent counties have some of the most interesting geology anywhere, so this should be a very interesting outing.

The second event is the Colville Rendezvous Days on August 2, 3 & 4. Our club will again have a booth, and we will need folks to help keep it manned during the event. So, if you have no plans yet for those dates, please think about participating. Besides, it is an event worth taking in, with plenty of things to see and do.



COMMON ROCK TYPES OF NORTHEASTERN WASHINGTON, ADJACENT BRITISH COLUMBIA & IDAHO

This long title belies a simple and easy-to-read document produced by none other than our club president, Bruce Hurley. It describes the most common rock types and how they were formed, essentially the cliff notes to Geology 101. It will be very handy for those planning to take the geology tour described in Chips from the Outcrop. We will have copies printed for those attending the club meeting next Tuesday. More copies will be available on request or you can download the file from Panoramagem.com.

Grains of Sand

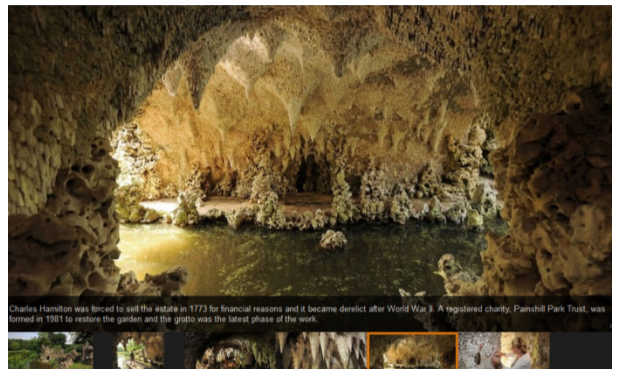
Sand grains magnified 110-250 times reveal each grain is unique.



The tip of a spiral shell has broken off and become a grain of sand. After being repeatedly tumbled by action of the surf this spiral sand grain has become opalescent in character. It is surrounded by bits of coral, a pink shell fragment, a foram (a type of protozoa) and volcanic material. Photo copyright Dr. [Gary Greenberg](http://www.inspirationgreen.com).

The above photo and explanation is just one of many fascinating microscopic images of sand. Many are even more colorful and amazing than this one. They are all available on the Internet: <http://www.inspirationgreen.com/index.php?q=magnified-grains-of-sand.html>. You will never think of sand the same way again.

The Crystal Grotto



Check out: <http://www.bbc.co.uk/news/uk-england-surrey-22980032> for pictures of restored Painskill Park in Surrey England. It is all hand-made with crystals attached to the surfaces.

Membership Dues:

\$15.00 per household per year is due to the club

Treasurer Johnie Pitman (see below) on the third Tuesday of November for regular members.

Webpage: www.panoramagem.com

Contact: Bruce Hurley, 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).

➤ To the Field and Beyond ➤

A geology field trip is coming up immediately on July 20th. It will led by Andy Buddington through Stevens County. There is more information inside.

To go along with this field trip and any others, our illustrious president, Bruce Hurley, has prepared a paper on Rock Types of Northeastern Washington. We will have copies at the meeting, Tuesday, but if you can't make the meeting, contact 738-6155 to get one.

Martell's Rock Shop

2 Baxter Lane
Kettle Falls, WA 99141
509-738-3041
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bkmartell@hotmail.com



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**Mineral Identification
Mineral/Mine Locations**

Bristow Enterprises
PO Box 1165
Chewelah, WA 99109
Bristow@theofficenet.com

mineralssoftware.com

This newsletter is published by the Panorama Gem and Mineral Club. Editor: Joe Barreca, 509-738-6255, joe.barreca@gmail.com.

Panorama Gem and Mineral Club: Organizational Chart

| Officers: | | | |
|-------------------------|----------------|---|--------------------|
| President: | Bruce Hurley | 10617 W. Lakeside Lane, Nine Mile Falls, WA 99026 | 509-413-2768 |
| Vice-President: | Bob Bristow | PO Box 1165; 2567 Mud Lake Rd. Chewelah WA 99109 | 935-4375 |
| Secretary: | Luci Bristow | PO Box 1165; 2567 Mud Lake Rd. Chewelah WA 99109 | 935-4375 |
| Treasurer: | Johnie Pitman | 701 B Williams Lake Rd, Colville, WA 99114 | 684-8887 |
| Trustee 1: | Scott Jackson | 1028 Old Hwy 12 Mile Rd, Colville, WA 99114 | 684-6371 |
| Trustee 2: | Bill Lupton | 2530 Six Mile Rd | 509-935-6198 |
| Trustee 3: | Bill Sebright | POB 293, Clayton, WA 99110 | 509-276-2693 |
| Committee Chairs | | | |
| Program Coordinator: | Bev Bockman | 1750 N Havichur Loop, Post Falls, ID 83854 | 208-773-5384 |
| Hospitality: | Luci Bristow | PO Box 1165; 2567 Mudd Lake Rd. Chewelah WA 99109 | 509-935-4375 |
| Club Shop: | Scott Jackson | 1028 Old Hwy 12 Mile Rd, Colville, WA 99114 | 684-6371 |
| Librarian: | Ruth Ross | 750 N Lincoln, # 6, Colville, WA 99114 | 684-4925 |
| Historian: | Carol Price | PO Box 77, Laurier, WA 99146 | 684-2857 |
| Newsletter: | Joseph Barreca | 2109 Hwy 25 South, Kettle Falls, WA 99141 | 738-6155 |
| Show Chair | Bill Allen | 2633 Highline Rd, Chewelah, WA 99109 | 935-8779, 936-2446 |