

Hatrockhound Gazette 2021

PO Box 1122, Hermiston, Oregon 97838



Meetings at 6:30 on the 2nd
Tuesday of each month
First Christian Church of
Hermiston:
775 West Highland
(go to back of church)

Officers:
President – Doug Gill
V. Pres. – Mike Filarski
Secretary – Trista Meek
Treasurer – Mel Lambert
Member at Large – Laura
Tiffany

Newsletter/Website – Judi Allison, 1701 NW 11th St, Hermiston, OR 97838 541-720-4950



Hatrockhounds Gem and Mineral Society is Affiliated with:

The Northwest Federation of Mineralogical Societies
And The American Federation of Mineralogical Societies



AFMS Rockhounds “Code of Ethics”

I will respect both private and public property and will do no collecting on privately owned land without permission from the owner.

I will keep informed on all laws, regulations or rules governing collecting on public lands and will observe them.

I will, to the best of my ability, ascertain the boundary lines of property on which I plan to collect.

I will use no firearms or blasting material in collecting areas.

I will cause no willful damage to property of any kind such as fences, signs, buildings, etc.

I will leave all gates as found.

I will build fires only in designated or safe places and will be certain they are completely extinguished before leaving the area.

I will discard no burning material - matches, cigarettes, etc.

I will fill all excavation holes which may be dangerous to livestock.

I will not contaminate wells, creeks, or other water supplies.

I will cause no willful damage to collecting material and will take home only what I can reasonably use.

I will practice conservation and undertake to utilize fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.

I will support the rockhound project H.E.L.P. (Help Eliminate Litter Please) and will leave all collecting areas devoid of litter, regardless of how found.

I will cooperate with field-trip leaders and those in designated authority in all collecting areas.

I will report to my club or federation officers, Bureau of Land Management or other authorities, any deposit of petrified wood or other materials

on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.

I will appreciate and protect our heritage of natural resources.

I will observe the "Golden Rule", will use Good Outdoor Manners and will at all times conduct myself in a manner which will add to the stature and Public Image of Rockhounds everywhere.

Hatrockhound Gazette – July 2021 Issue

July Meeting: Tuesday, July 13, 2021, 6:30 pm

LET'S HUNT LIKE SCAVENGERS

See if your team can follow the clues and find the booty. You will be pitted against an opposing team, so let's see who can be the best "seek and find" team!

**Treats by Mike
Come for the fun of it!!!**

Hatrockhounds Gem and Mineral Society

Notes from the General Meeting held on May 11, 2021

Hatrockhounds Gem and Mineral Society

- Discussed food truck vendors
- EOTEC opening at 8am
- Check out food vendors in Boardman
- Looked at updated floor plan
- Passed around the sign-up sheet for show volunteers
- Talked about dimensions and set up of show cases and setting up fewer cases
- Individual dealer had set up rock show in Spokane the same weekend as ours
- Mike will start setting up road signs tomorrow
- Judi will take 1 and Mike will send some with Jim
- Mike has sand bags to help hold signs - need about 8
- Mike has 3 packages of paper sandwich bags and plastic grocery bags, Chris has some as well to use for the show
- Judi brought up the Walla Walla show September 11-12 2021 NWF. Judi putting together a banquet at the fairgrounds
- Fieldtrip: Wasco, John Day, near Hines/Burns/Riley - Jim Witt has a claim, Little Wenatchee, Prineville show, Madras show, Lewiston show in October, Sumpter - Memorial Day flea market. Where would you like to go?
- June 8th meeting: Sandra will do simple rings
- Door prize drawing: Jim, Warren, Hope, Karli
- Chris donated door prizes for this meeting
- Welcome new guest Todd. He makes lamps and lamp shades as hobby and auctions for about 20 years. Lived in Hatrock for about 30 years. Donated items to Karli for kid camp after Karli experienced a fire at her home that destroyed the rocks she had.- If anyone would like a rock book Karli has made - make a donation to the club and she will give you a book- Go to the Pendleton Round Up website and go to the wagon train link for all the information including registration link with all pricing.
- Silent Auction: can donate items for club to use in silent auction, can put consignment items in auction. Different silent auction forms include donated, consignment, and long term. Remember to put starting price for silent auction items on all forms. Can complete forms ahead of time.

Trista Meek, Secretary

Hatrockhounds General Meeting

Tuesday, June 8, 2021

Due to Trista's work schedule and the need to get the Gazette out there were no minutes for the May meeting included in the Gazette (you will find them in this edition.)

Our Treasurer, Mel, gave a report on the show proceeds. We made a net profit of almost \$2700. The treasury is in good shape with the additional money.

Mike reviewed the show and discussed the cost of the facilities. Because our cost exceeds the income from the dealers' fees we will most likely need to increase their fees some to help cover the cost. More signs will need to be purchased. We will rethink the type of sign to possibly find something more durable. We retired the blue skirting this year. We will order some new for next year.

Mike made a comparison to the number of attendees in 2019. The total show was just over 500 that year. This year our paid attendance was over 800.

Mike will work on getting the registration for the trailer current. He will need to file for a lost title.

Our annual picnic will be at McKenzie Park in the gazebo on August 21st. We have the gazebo from 10-2, so some might be assembling around 10:30.

After the meeting folks tried their hands at making a simple wire ring. Thanks, Sandra Bryant.



HATROCKHOUNDS Gem & Mineral Society

(Executive Meeting – June 30, 2021)

Mel gave us a report of the total money in the treasury. He explained about the fact that duplicate deposit slips were ordered, but the bank sent single ones. They charged \$40. The single ones were returned in order for the bank to replace them with the ones ordered. The bank charge for the duplicates was \$60. They are to reimburse the account \$40, which at this time has not yet happened. Mel will keep track to be certain we get credited with the amount.

There then was a bit of talk about dogs-people's personal pets- which flowed into talk about military service. We then decided we should discuss any business at hand.

Our picnic will be Saturday, August 21st. The club will furnish chicken and water. Mike will take the container of plates and utensils home with him after the July meeting. We will have a sign-up sheet for additional items for the picnic. We will also bring a sign-up sheet for treats. Mike will furnish treats for the July meeting. We will have a silent auction at the picnic with all proceeds going to the club. Members can donate items for the silent auction if they wish.

Judi gave a report on the AFMS Meeting and RMFS/AFMS Show in Big Piney, Wyoming. There have been a couple of committees working on the AFMS website in order to make it more interactive and friendly and the Junior Badge Program to make it more readily available and user friendly. Since technology and our youth are the future that will help save our hobby, these two committees have taken their tasks very seriously. Keep an eye out for more information and a new look to the website and things develop.

The Sublette County Rock Club did a great job of providing a quality show with many dealers, kids' activities, speakers and banquet. The AFMS conducted a live auction for the Scholarship Fund that brought in over \$3000.

Just to let you all know, last month Judi had an acquaintance ask her if she knew any Hatrockhound members who would be interested in receiving the components of a sphere machine. She sent an email to the membership letting them know about the machine and the need to have a core drill or saw in order to use it. Six people contacted her with an interest. She gave the information to the first person to contact her, which was a newer member, Todd Adams. Todd stated he is more than willing to share the machine with others. The machine won't be immediately in his hands, as it was going to be used a couple more times before being given away.

PICNIC: SATURDAY, AUGUST

21st 10:30-2

MCKENZIE PARK GAZEBO

Club will furnish chicken, water and utensils.
Please bring a potluck item to share. (Sign-up
Sheet at July Meeting)

SILENT AUCTION –PROCEEDS TO THE CLUB

NO REGULAR MEETING IN AUGUST.

See you September 14th.



Geology of Lake Gosiute and the Blue Forest

The Green River Formation was deposited continuously for 5 million years (53.5-48.5 M.Y.) in the Eocene Green River Lake complex of the Green River Basin in southwest Wyoming, the Uinta Basin in northeast Utah, and the Sand Wash Basin in northwest Colorado. Wyoming's Lake Gosiute was a large crocodile-infested water body in a closed basin. Lake Gosiute located in the Greater Green River Basin was bounded by the Laramide mountains of the Wind River Range and Granite Mountains to the north, the Sierra Madre to the southeast, the Uinta Mountains to the south and the Sevier mountains of the Wyoming Range on the west. The Rock Springs Uplift is a large (75-mi-long, 50-mi-wide) north-south trending anticline or fold that divides the Greater Green River Basin into sub-basins (Green River or Baxter on the west, Great Divide on the northeast, Washakie on the center east, and Sand Wash on the southeast). Lake Gosiute hosted catfish and suckers adjacent to a forest of sycamore and palms. Many species of mammals lived in the niches vacated by the extinct dinosaur. When the lake flooded the forest during high water stages, branches, limbs and trees fell into the water where they became encrusted with algae. Ash rained down on the region from the Absaroka and San Juan volcanic fields. Over time the wood was preserved in the lake sediment layers. The collecting area west of Eden Valley is known as the Blue Forest for the blue chalcedony found in the areas fossilized wood specimens.

Mineralization in the Blue Forest petrified wood occurred in stages. Fallen branches and flooded trees were sites of algae and cyanobacteria growth during periods of lake growth. Desiccation encrusted branches as lake level receded. Silicification of wood tissue occurred after burial in lake sediments. Secondary chalcedony precipitated into void space within and surrounding the silicified wood. Traces of copper, manganese, titanium, and iron give the chalcedony the blue color for which the area is named. The final stage was precipitation of crystalline calcite into any remaining void spaces. Not every stage is present in all specimens. (Taken from: <https://www.geowyo.com/lake-gosiute--the-blue-forest.html>)

Blue Forest tree branch



Colliding Rivers, Glide, Douglas Co., Oregon



I grew up in a small town in southern Oregon, called Roseburg. Roseburg sits upon the North, South and Main Umpqua Rivers. The town is intersected by Interstate 5, about 2 hours and 40 minutes from Portland. The North Umpqua River runs west and then takes a sharp turn heading south where it meets Little River heading north at a tiny town called Glide, 18 miles due east of Roseburg along the North Umpqua Highway (Hwy 138). Where the North Umpqua and Little Rivers come together, they continue west and north as the North Umpqua River back towards Roseburg. It's one of the most beautiful places I've ever been to in the world.

Where the North Umpqua and Little Rivers come together, they form a very unusual geological formation, referred to as Colliding Rivers. This is an uncommon occurrence, not found in too many places throughout the world. Literally, the two rivers slam head-on directly into each other, sometimes violently when the rivers are flowing with flood waters, before forming a single river. An odd series of events caused this natural phenomena. First, the very hard underlying rock was once part of an ancient sea bed. I have actually found turritella fossils, a type of sea snail, on Little River and hauled a 70 pound boulder full of these fossils out of the river. The overlaying rock was formed by repeated basalt lava flows creating very hard sills, or layers of rock. The intensity of the collision of the two rivers has cut channels into this extremely hard rock.

While a field trip to Colliding Rivers isn't necessarily a digging trip, you may still find some fossils from the ancient sea floor and experience an incredible geological oddity. Following either of the river banks you may potentially find carnelian and banded agate, as well as different colors of jasper, which the region is well known for.

(From: Newsletter for the Junior Members of the Oregon Agate and Mineral Society June 2021, Vol. 6, Issue #6 By Jim Urbaniak)

https://www.blm.gov/or/districts/roseburg/recreation/ScenicByway/fiery_geological_past.html