

Hatrockhound Gazette 2022

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
Members at Large – Laura
Tiffany, Louise Lambert

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

March 2022

Mineral Jeopardy

Time for the Thinking Caps

Put your heads together, test your knowledge
and see if you can be the team to win the most points!

Rocks for prizes!

Donna Reuter and Trista and Warren Meek are in charge of treats . .

Hatrockhound Meeting Minutes

February 8, 2022

The meeting was called to order at 6:44 Visitor- Vanessa (Laurie's granddaughter)

Treasurer's report was given.

Don brought in items for show and tell – two maps to give away (maps and books to look at)

Old Business

Upcoming rock show May 14-15, 2022 at EOTEC. Prices gone up. \$2460 for weekend last year. This year \$3880. \$100 per day for kitchen. If prices keep going up we may need to look at a different location. Trista contact food vendors. Should have full house when does.

Junior Club

Saturday was first meeting. Get parent permission for trips. Explored pasture, rock cycles. Three juniors attended. They meet first Saturday of month. Patch program is part of group. Anyone who wants to help is welcome. Juniors could put in a case and work kids' corner.

Remember – look on calendars. Field trips are listed too.

Tri Cities show is week after our show at fairgrounds. May 21-22, 2022

Suggested: Field Trip – Idaho garnet. Has camping grounds. Near St Maries. Would be a weekend trip. Have coordinates available. There are also pea sized garnets on the Washington side.

Sign-up sheet for Junior Club for anyone who wants to share their skills.

Show and tell:

Anita – bracelets. She brought a game to play as well.

Hope – Her dad found a piece of opal from Opal Butte – found in her yard.

Judi – polychrome jasper bought from a vendor.

Door Prizes Karli, Anita, Hope, Trista and Warren

Minutes submitted by Secretary, Trista Meek



Hatrockhound Executive Minutes

February 28, 2022

Show information: There are about nineteen dealers with four outside. The floor plan is read and Mike and Mel will go pay for the space next Tuesday, the 8th. Mike will get the flyers made for the show. Trista will check with food vendors as she did last year. Trish Ellingson said she would help distribute flyers. We will probably have 8 to 10 cases, depending on how many people will want to put in a display. Mike is buying short legs for the advertising signs as they seem to hold up to the wind better. Since fees went up so much we are operating in the red, so we hope for a great show with lots of people. Let everybody know. Judi will check with the Library about putting in a display. (Follow up-she checked and we will be putting in a display in April.)

We need to encourage people to sign up for treats. It is much better to have two people, so that some of the burden of the cost is shared. We need two people for April, one for May, June, July, October and November, so there are plenty of opportunities.

The Juniors are meeting again on the 5th. Judi shared the mineral identification kits she put together. Please consider coming to a Junior meeting to share some of your knowledge with the kids.

Judi is creating another “Jeopardy Game for the meeting, so put on your thinking caps and get ready to join the fun.

The Northwest Federation Show will be in conjunction with Portland Regional September 30- October 2.

Fairburn Agate, South Dakota, USA



The Fairburn Agate is found in the agate beds of Southwestern South Dakota and Northwestern Nebraska. It is also the state gemstone of South Dakota. Fairburn agates are different from other types of agates by their colors and the shape of the bands. They are composed of concentric layers of cryptocrystalline chalcedony colorized by different trace minerals. However, fortification banding distinguishes Fairburns from other agate types. Fortification banding means that the concentric layers have sharp changes in

direction which cause the bands to form angles in ways that are especially distinguishable from other agate types. Mainly, no other agate type forms these patterns. The genesis of Fairburn agates is debated and not fully understood; however, two theories are most accepted. • Theory 1: Fairburn formation takes place in sedimentary limestone, where calcite inside the limestone is replaced by silicon dioxide or silicic acid over time in a high-pressure, microporous environment. In this theory, bands of agate form from the inside of the agate outwards. • Theory 2: The agates are created over time by heat and pressure filling cavities in igneous rock with layers of silica. The first layer of silica lines the inside of the cavity and crystallizes. Then, during another geologic event, a different set of minerals and silica form on top of these layers, essentially forming the layers from the outside in, explaining why some agates have cavities in the center. These agates are incomplete and have not been filled with silica. February 2022 West Seattle Petroglyphs

WHAT IS A ROCKHOUND

The President's Meanderings-The Way of the Rockhound-What is a Rockhound?

Well I was curious what others thought so I started looking for inspiration on the subject.

In Australia and other countries it's called Fossicking.

I found a discussion on the topic on mindat.org, and the views varied from, “Someone who enjoys trudging through the hills or forest trails on a Saturday (or any other day), pounding on rocks with a hammer, to make little ones out of big ones, and carrying heavy loads of possibly productive "little ones" in 5 gallon pails or a backpack (mostly up hill) on the return trip to car or truck. The garage, basement, or shed out back is full of those pails of plunder along with flats of unexamined booty.

To...

“Often rockhounds are interested in materials that a mineral collector would ignore simply because it can be cut and polished making it much more attractive. They are seldom interested in any of the scientific information that can be gleaned from collecting mineral specimens. There is also some overlap in interest, with a “mineral collector”, especially where large, well-formed crystals are concerned.”

It seemed that those that called themselves mineral collectors took offense at being called rockhounds while others took on the moniker with pride. These differences of opinion on what to be called will always be out there.

My own take on what a rockhound is that it is like treasure hunting, we love to get out in the field, we love to dig, we are amazed at the buried wonders we find, we like to learn more about the specimens we find, we like to share our collections and we like to help and teach others about what we learn along the way. No matter what aspect of collecting interests you, telling stories about our trips and our greatest finds is one of the greatest perks of “The way of the rockhound”. *Pebble Patter February 17, 2022 by Kent Devine, President Chugach Club*