

Hatrockhound Gazette 2020

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 –Bill Shipp
V. Pres. – Mike Filarski
Secretary – Rita Watterson
Treasurer – Mel Lambert
Members at Large – Laura
Tiffany, Doug Gill

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 - September 2020

Saturday, September 19th, 11:30am -2:00pm Picnic and Silent Auction McKenzie Park

Hopefully, we will be having our picnic on this day. See Details Below

PICNIC PLANS

In light of the Virus, the Club has decided to furnish all the food and utensils. We will have fried chicken, salad, chips, water and a dessert of some sort. If you want something other than water, feel free to bring a drink.

Because of the virus, the city has removed all the picnic tables, so we will need to furnish our own. We think we can round up enough tables for the silent auction and food items, but if you have a table, please let Mike, Mel or Judi know.

Plan to bring your own chair, or whatever you would like to sit on. Remember to bring some money for the auction; and if you like, some items to donate for the auction. All proceeds from this auction go to the Club.

Keep in mind that, although we may be able to have a gathering, we still need to practice social distancing and use masks if we are closer than 6 feet from others. I realize individuals have individual thoughts about the cautionary procedures, but please respect others and follow our safety protocols. We look forward to having some good old fashioned comradery and sharing of our hobby. Hopefully things will have opened up enough in October to have our gathering again in the Church.

gathered from his driveway.

Hope showed a bluish, light shiny rock along with two others.

Louise brought a rock from a construction site that she had found interesting. The rock looked like it had a note on it.

Chris brought angel wing and rhyolite to inquire about and show off.

Judi displayed some of the many gem trees she has been making along with a beaded butterfly and dragonfly. She also had a few pieces of Petrified wood for a trip to the Middle Fork of the John Day.

Door Prizes: Louise gained an ocean picture rock. Mel got some action figures and scoops and blueberry syrup, thanks to a donation from Don and Anita. Judi picked a bag with apatite.

Program: Sharing

Hatrockhounds Gem and Mineral Society Meeting Minutes

July 14, 2020

Since we are allowed to have a gathering of up to 25 people, we decided to have a meeting with all the safety protocols in place. Eleven members took part in the evening.

General Business Mike announced that he is trying to get the weekend of May 22-23 for the 2021 show. We did get a refund for this year. The picnic will be held in McKenzie Park on Saturday, August 22 as long as we are allowed to hold it at McKenzie Park. We decided we would furnish all the food instead of having members bring things this year.

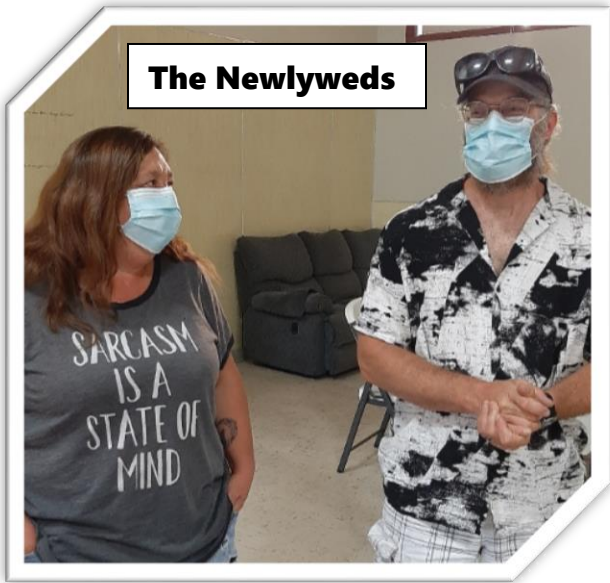
We spent the balance of our time sharing.

Show and Tell:

Trista and Warren came with a bin full of goodies. They have been to Glass Buttes, Hampton Butte, and Prineville area including Lucky Strike, White Fir and other areas. They had a Covid-19 wedding on April 18th then went rockhounding for a couple of weeks, since their original plans had to be postponed. They still plan to follow through with their original plans, but we are glad they had the good news of their marriage and all the goodies to share with us.

Mike cut some porphyritic rocks he had

Executive meeting: TBD 7:00 at Judi's. Everyone is welcome
SEPTEMBER MEETING: Saturday, September 19th 11:30-2:00, McKenzie Park
PICNIC AND AUCTION
WEBSITE: jall23.wixsite.com/hatrockhounds
Judi Allison, Acting Secretary



Pseudomorph “False Form”

The word pseudomorph is made up of two Greek words: pseudo means false and morphe means form. A pseudomorph starts off as a particular mineral. But when the chemical environment changes, the chemistry of the mineral changes. The original mineral becomes a new mineral with a different chemical formula. However, the specimen keeps the shape or crystal form of the original mineral. For example, a particular set of crystals were originally dark blue azurite crystals. But due to chemical changes, the azurite turned into malachite and the specimen is now dark green. Mineralogists would describe this specimen as “Malachite after Azurite.” Wonderful specimens of malachite after azurite were found at the Copper Queen mine, Bisbee, Cochise County, Arizona.

Reticulated

Anything that is described as “reticulated” is built in a way that forms a pattern or network. Some minerals, like rutile and cerussite, can crystallize and form long, thin crystals that grow in criss-cross patterns.

Saddle-Shaped Crystals

Under the right conditions, groups of dolomite crystals grow together and form a curving shape that looks like a horse’s saddle. Other minerals that can form saddle-shaped crystals are calcite, ankerite, siderite and rhodochrosite. All of these minerals have similar chemical compositions and crystallize in the same crystal system. Excellent saddle-shaped specimens have recently been discovered in Shangbao, Leiyang, Hunan Province, China. (Diamond Dan Vol 12 No 6)

Collecting Rocks

I think that there shall never be
An ignoramus just like me,
Who roams the hills throughout the day
To pick up rocks that do not pay;
For there’s one thing I’ve been told
I take the rocks and leave the gold.

O’er deserts wild or mountains blue
I search for rocks of varied hue.
A hundred pounds or more I pack
With blistered feet and aching back,
And after this is said and done
I cannot name a single one.

I pick up rocks where e’er I go,
The reason why I do not know,
For rocks are found by fools like me
Where God intended them to be.

Author Unknown (May 2020 Pebble Patter)

Minerals in Paper?

by Darryl Powell
Paper was first made in Egypt approximately 5,500 years ago. Way back then it was made from the papyrus plant. The word “paper” comes from the word “papyrus.” Paper as we know it was first made by the Chinese in the Han Dynasty (around 220 AD). Modern paper is made from wood fibers that are mixed with other materials. Each type of paper has its own recipe. For example, one set of materials is used to make newspaper; another collection of

materials is used to make writing paper. Since you are reading Mini Miners Monthly, you will not be surprised to learn that minerals are important ingredients in paper. Here are some of the minerals that are “hiding” in the paper you use every day. A few minerals are used as fillers in paper making. A “filler” is a material that is used in place of wood fibers. These fillers are less expensive than wood fiber. The type of mineral filler, and the amount used, can change to look and feel of the paper. Minerals that are used as fillers in paper are feldspar, quartz, talc, barite. Sulfur is also used in low-quality papers. Unfortunately, paper that contains sulfur gets hard and brittle as it gets older. This cheaper paper will eventually crumble into little pieces. It will also cause other papers that it touches to deteriorate, too. Today, special sulfur-free papers are made for very special publications and documents so that they will last for many, many years without deteriorating. Hematite and magnetite are both iron ores. They are crushed to a powder and used to give a red color to paper. Would you like to make paper at home? Visit this website for instructions: www.pioneerthinking.com/makingpaper.html. Google “making paper at home” for more websites. Crush up some barite or quartz and mix it in with your recipe. Try mixing in baby powder (talc) (Mini Miner Vol 11 No 7)