

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 - MAY 2022 Issue

MEETING, MAY 10TH 6:30
ROCK ODDITIES AND SHOW BUSINESS
Treats: Mike and Karli

Show Information Follows:

Any questions or problems you can't handle see Mike or Judi. If it deals with the Silent Auction, check with Doug. Questions relating to admissions, check with Mel. Kids' Corner ask Karli or Laura.

Friday: Set up starting at 9:00 am.

- ✓ The area should be laid out with the tables and curtains placed according to the layout plans.
- ✓ Names of each dealer to be placed on each area. (Plastic cover roll if the dealer requests)
- ✓ Display bases and cases to be assembled and placed. Includes skirting for bases, case liners, lights (Be sure cases are being assembled right side up (Displayers names laid in cases.)
- ✓ Plastic covering placed on silent auction and kids' corner (Will need to be taped with masking tape - underneath - so it doesn't show.
- ✓ Materials for silent auction placed in area. Will need to be arranged and ready for morning.
- ✓ Kids' corner items places in area arranged and set up for morning.
- ✓ Oregon Rocks display placed and arranged for viewing.
- ✓ Display case and items for Admissions placed and arranged.
- ✓ Dinner at 5:00 pm. Sloppy Joes, potato salad, water furnished. Please bring a pot luck item.

Volunteer Schedules: If your name is not on here and there is a blank, please let Judi know you will work at that time. (Sign-up sheet will be at the meeting)

Admissions:

Saturday:

9:45-11:45 Mel Lambert & Louise Lambert
11:45-1:45 Mel Lambert & Louise Lambert
1:45-3:30 Chris Lundquist & Jackie Bithell

Sunday:

9:45-12:00 Mel Lambert & Louise Lambert
12:00-2:00 Mel Lambert & Louise Lambert
2:00-4:00 Warren Meek & Trista Meek

Silent Auction:

Saturday:

9:45-11:45 Doug Gill & Warren Meek
11:45-1:45 Doug Gill & Trista Meek
1:45-3:30 Doug Gill & _____
3:30-5:00 Doug Gill & Chris Lundquist

Sunday:

9:45-12:00 Doug Gill & _____
12:00-2:00 Doug Gill & Judi Allison
2:00-4:00 Doug Gill & Judi Allison

Kids' Corner:

Saturday

9:45-11:45 Karli Cook & Laura Tiffany & _____
11:45-1:45 Chris Lundquist & _____ & _____
1:45-3:30 Karli Cook & _____ & _____
3:30-5:00 Karli Cook & Judi Allison & _____

AS YOU CAN SEE

WE HAVE A LOT OF

Sunday

9:45-12:00 Laura Tiffany & _____ & _____
12:00-2:00 Laura Tiffany & _____ & _____
2:00-4:00 Karli Cook & _____ & _____

BLANKS HERE

Display Cases:

Mike Filarski, Laura Tiffany, Judi Allison, Laurie Ellis, Karli Cook, Juanita Ross, Jim Witt, Plus 1

Set Up- Friday Morning 8:00 am We Need You ☺

Tear Down Sunday 4:00 pm We need you ☺

Hatrockhound Executive Minutes

April 25, 2022

Present: Mel and Louise Lambert, Laura Tiffany, Mike Filarski, Doug Gill, Judi Allison

Mel reported that the EOTEC is paid for and gave an accounting of our treasury. We still have sufficient money to operate, and the hope is that we will add a bit to our coffers with proceeds from the show.

Judi asked about ordering a few “trinkets” from Oriental Trading to supplement the prizes for the Kids’ Corner. They would include mini dinosaurs, bead necklaces and rope bracelets for a total of about \$50. The request was approved. (They are ordered. Total cost \$52.76-by ordering at least \$50, postage was free.) Judi showed the “treasure rocks” she made that house a small tumbled stone in each. Mike has some additional agates, and Doug said he has some un-tumbled agates to donate. Judi has more bottles and the “colored ‘sand’” mix for the kids to do again this year.

We were uncertain if anyone responded to Trista about the food situation, so Laura volunteered to follow up. She will contact the cotton candy people and the Polynesian chicken folks. (The cotton candy people have another commitment.)

We decided to have sloppy joes and potato salad for the pot luck on Friday. Judi will get the items and prepare the food. Mel and Louise are donating two cases of water. We will purchase a couple more. We will have the pot luck at 5:00 pm, so plan on bringing a goody and joining in.

Mike is working on getting the dates changed on the signs. He strolled through downtown and placed flyers, he learned there is an art walk on the 14th downtown. He plans on putting a big sign on the street corner. Doug will check about putting one of the big banners on the fence by Nookies again. We will plan on putting the other one up at the venue as we did last year.

Mike Zinski will demonstrate faceting, Kerry Norton will bring his sphere machine and Tom Moon will do some demo of cabbing.

Judi will write up the volunteers for the various areas so the information will be at each station. We still need a few blanks filled.

Hatrockhound Meeting April 12, 2022

Our meeting included causal discussion of our upcoming show while members busied themselves with creating art on rocks for the Kids’ Corner.



Hard at Work – Painting Rocks for Kids

Oddities of Obsidian Dolores E. Rose Stoney

Obsidian is an extrusive igneous rock formed when the magma of an erupting volcano reaches the earth’s surface and cools rapidly. It is an extrusive rock because it was pushed out onto the surface. The cooling of the extrusive rock occurs so rapidly that the magma doesn’t form minerals at all, but a volcanic glass. It derives its name according to Pliny, an ancient Roman naturalist, from a fellow named Obsius, who found it in Ethiopia. Originally, it was named “obsianus”, but the spelling was changed over the centuries to its modern form. Obsidian occurs in many colors, black being the most common. It can also be red, brown or even green. It can contain inclusions of magnetite, ilmenite, iron oxide, potassium oxide, sodium, oxide, lime and magnesium. It is composed of 66-77% silica, with about 13-18% alumina. Magnetite most likely gives obsidian its black color, and oxidized magnetite or hematite the reds and browns. With slow cooling, silica crystals Cristobalite form, giving the “snowflake” obsidian or “flowering” obsidian. Iridescence reflected from minute inclusions arranged in layers is known as “rainbow obsidian”. Another kind with gold inclusions with a strong metallic luster is called “gold sheen obsidian”, and if the inclusions are grayish silver in color, it’s called “silver sheen”. Obsidian is interesting in many ways, but mainly, for all practical purposes, it is a true glass. It has a hardness of 5- 5.5 on the Mohs hardness scale. It represents a quickly congealed mass of molten rock, for if it had time to cool slowly, it would have crystallized into a rock similar to granite or rhyolite. It shows no trace of crystalline structure nor possesses any established composition and must be considered a rock instead of a mineral. It is amorphous, having no regular internal arrangement of atoms as in crystals. The word amorphous is taken from the Greek and means “no form” because there is no pattern to amorphous materials. The atoms are jumbled together in small groups like particles in a pile of sand. It is extremely brittle and breaks easily with shiny, black conchoidal fractures – a feature so perfectly developed that it is easily identifiable in the field. It is translucent and will not soften when heated to a bright red. Obsidian is found throughout the western United States, mostly in Alaska, Colorado, Utah, New Mexico, Arizona, Wyoming, Oregon, Nevada and California. It is also found in B. C. and throughout Mexico. American Indians valued obsidian highly. Its perfect texture and easy fracture made it a prize possession for chipping into arrowheads and large ceremonial spear points. The Aztecs called obsidian “iztli”, “teotal” or “divine stone” because of its usefulness in carving ceremonial blades. Even one of their gods was named “Itzoppziotl”, meaning “obsidian butterfly”. Obsidian is also used to make attractive jewelry as cabochons or faceted. Thin slabs can be cut with a common glass cutter. Due to its extreme heat sensitivity, great care must be taken in working obsidian. Industries use obsidian as a raw material to make rock wool. Surgeons have even used thinly chipped obsidian knives in surgery because of the fine exact cut an obsidian knife makes.

via WGMS 9-2019, via The Glacial Drifter, March 2022
Via AFMS Newsletter –April 2022 Edition

China Hollow and Beers Mountain

On April 23 six members ventured out to Rufus where we met our guide, Jay Carlson. The weather was cooperative enough so we didn’t get rained on. Everyone seemed to enjoy the day and gathered plenty of goodies. I would guess there should be some specimens brought to show and tell at the next meeting.



REMINDERS

Hatrockhounds Show, EOTEC, May 14-15 Set Up Friday, May 13
Lakeside 25 th Annual Show, Benton County Fairgrounds, Building 2, May 21-22
NFMS Annual Show and Convention, Wingspan Complex, Hillsboro, Oregon, September 30-October 2