

Hatrockhound Gazette 2017

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)

President - Janet Judd
V. Pres. - Mike Filarski
Secretary - Judi Allison
Treasurer - Margaret Free
Newsletter/Website - Judi
Allison



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 - August 2017 Issue

PICNIC
Sunday,
August 13th noon
West Park at McNary

Left at fish viewing area-past fish ponds-park is on the left
Or under freeway toward east-park is on the right



The Club will furnish fried chicken and water. (and the dishes, etc.) If you would like to bring something else for you to drink, please feel free to do so. Below is the information of who signed up for what at the meeting. (Many did not realize there was a sign-up sheet – or forgot.) If your name is not on the list, simply choose something that doesn't have a name by it, or be creative. Potluck is just that, but always good eats.

Casserole – **Dean and Janet Stuart**, Side Dish – **Mike and Cheri Filarski**, Salad – **Rita and Bill Shipp**
Dessert – **Doug Gill, Judi Allison**, Baked Beans – **Shannon Morgan**, Pasta Salad – **Laura Tiffany**
(and “surprise”)

Cookies – Chips – Rolls – Fruit – Potato Salad – Veggies – Olives – Pickles – Ice Cream – Miscellaneous
We will have a silent auction with the proceeds going to the Club. (So be sure to bring some money.) If you wish to donate any items for the auction, please bring them along. There is a nice play area with equipment for the children and restrooms are close at hand. Across the road from the park is a walking trail for those who wish to walk off a bit of their lunch.

Looks like some good eats and time for some fun!!!

See you all the 13th !!! (No regular meeting in August.)

Hatrockhounds Gem and Mineral Society

Meeting Minutes

July 18, 2017

President Janet gave an overview of the field trip to the Addy, Washington area. Scot Jackson, the leader was a gracious host and took members to three different areas over a two day period. Everyone came home with a good collection and a lot of good memories. The field trip to the Richardson Ranch is scheduled for Saturday, July 29th. Randy Free will be the contact person. Meet at the rest area west of Boardman at 6:00 am.

Janet also thanked Tonya and Maurice Abbott and Chris Sorensen for manning the booth at the Funfest and doing PR for our club,

The annual picnic will be on Sunday, August 13th at West Park in McNary. We will have a silent auction. The club will supply the main dish (probably chicken) and water.

Annual Show: Mike shared some information about the plans for the 2018 show. We will be using the EOTEC building which will have about the same amount of square footage. We will need to configure things a bit differently, but it will be doable. The date will be the second weekend in May. We will have all the tables at hand, so we won't have to go get any.

Treasurer's Report Margaret shared some of the records and numbers from the show and gave a dollar amount in our treasury. She stated she will hold off on resigning until the first of August. Again, if you think you might be interested in filling this position, following is a description of the duties: **Treasurer:** *Take in and disperse all monies related to the club's financial activities. Maintain accurate records of such income and outgo. Coordinate with Secretary when money is received for membership to assure*

payment is properly accounted for. Gather and disperse mail as needed. (Or this can be done by the Secretary) Attend and take part in monthly executive meetings. With board, plan monthly meeting agenda, discuss and formulate ideas for membership recruitment and retention. Be an active member who participates in all aspects of the club activities including the annual show and community activities.

General Business: Judi shared that the wire wrap class will be next Tuesday, July 25th. She set out sign-up sheets for the class, the field trip to Richardson Ranch and one to indicate the type of dish one would bring for the picnic. She also shared that the last two Junior meetings ended in a “no show”. She is willing to continue to have monthly meetings into to the winter, if Juniors will attend.

Show and Tell:

Don and Anita brought along a number of things to share. They included jewelry from an Owyhee thunderegg, rose quartz, Spenser opal pendants, and desert rose. There were turquoise beaded pieces and wire wrapped glass and cabs. Don says Anita beads and wire wraps and he cabs.

Bill shared a piece he had collected on the China Hollow field trip.

Tonya displayed key chains and trees of life made from material near Leavenworth.

Dean brought an ammonite impression in basalt he had found in the Eagle Caps.

Janet offered stories and samples of the malachite/azurite, quartz in matrix, white marble and green serpentine that had been found on the fieldtrip near Addy.

Door Prizes: Anita won the last piece of Smithsonite that had been donated by Paul Curtis. Judi took home an amethyst cluster and Randy got a string of beads and wire for creating a gem tree. Margaret thought the beads pretty enough to sport as they were. Maybe a gem tree will never be made. . .

Program: Andy Johnson from the Lakeside Club gave a PowerPoint presentation on Agates of the Columbia. He displayed a number of samples and discussed some of the areas where he has found them. Thank you, Andy.

Executive meeting: Wednesday, July 26 at Judi’s at 6:30 pm.

AUGUST: No regular meeting: PICNIC on Sunday, August 13th.

Program: Silent Auction, Food, Fun and Good Company

**WEBSITE: jall23.wix.com/hatrockhounds
Secretary, Judi Allison**

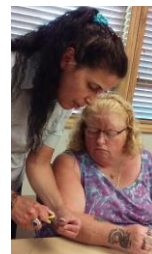
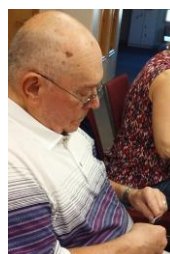
WIRE WRAP 101

The beginning wire wrap class taught by Sandra Bryant was a success for nine attendees. They all worked hard and were able to leave with a finished piece. The participants decided it was enough fun they asked to have a second class.

The second class is set for Tuesday, August 8th from 5-8:30 pm in Room 4 at the First Christian Church. If you would like to attend, give Judi a call at 541-720-4950



Chris, Tonya and Maurice working at Funfest. (Yes, Maurice is holding down the fort in the background. . .)



Instructions and attendees hard at work.

Hatrockhounds Executive Minutes Wednesday, July 26, 2017

Present: Judi Allison, Mike Filarski, Laura Tiffany

- ✓ **Storage** – We again discussed briefly about the possibility of a cargo trailer to house our supplies instead of the storage unit. We searched a bit online and found that 6x12 trailers were running around \$3500 while a 7x14 one was around \$5500. We would most likely need to buy a used one as we only have a finite amount of money to spend. We decided that we should probably assess the wasted space in the storage unit and extraneous things that are likely not needed. With some condensing, perhaps a smaller trailer would be sufficient. (If anyone hears of any enclosed cargo trailers for sale at a good price, we would appreciate letting Mike or someone else from the executive board know.)
- ✓ **Public Relations** – Mike shared an idea for getting our name out in public. If we were to shellac decoupage, or varnish our club's business card on rocks, we could then place them along such places as the Oxbow Trail in Hermiston, the trail

- to Hat Rock along the Columbia and other walking trails.
- ✓ **August Picnic** – We decided that fried chicken would be a good choice as it is simple and has worked in the past. We will also get some bottled water and supply the dishes and utensils. Judi will check with Margaret to see about the need for such items. Mike will gather material from the storage unit for the auction. We will also add a few items that are extras from door prizes, as well as two pieces of jasper from China Hollow that were donated to the club.
- ✓ **Miscellaneous** – Mike said he attended LaVonna Griffin's sale and it appeared that it was going okay. He said there were a number of people from the Tri-Cities there.
- ✓ Since our show will be held at a different location, we will need to have new signs made. Mike will order the same type as he got for the Conference Center from the online dealer where he purchased the others.
- ✓ **Junior Meeting – Saturday, August 12, 10-11:30**
- ✓ **August Program- PICNIC, Sunday, August 13th, noon**
- ✓ Secretary, Judi Allison

Juniors Learn About the Three Types of Rocks

The meeting Monday evening, July 24th focused on various ways of understanding the differences and similarities among sedimentary, igneous and metamorphic rocks and their relationships in the Rock Cycle. Seven Juniors created each type of rock from crayon shavings, built a "sedimentary sandwich" and observed the results of being "morphed" into a "metamorphic mess". (They decided the sandwich wasn't so palatable after the fact.) They also experienced the difference in the cooling process of obsidian and basalt with sugar syrup and baking soda. (Although they thought the basalt [soda addition] looked gross, they gobbled down samples with maple flavoring added for the dark color.) Ask a Junior and find out if he or she remembers the three types of rocks.





WHAT'S IN A NAME?

When thinking about the nomenclature of the elements, it helps to know their etymology.

For example, the expression, plumbing the depths, as used by sailors to determine the depth of water under their ship's keel, refers back to a weight on a plumb line (nautical lead line).

This plumb comes from the word, plumbum (Latin for lead). Lead is listed amongst the base metal in order to differentiate from precious metals. The Latin word, plumbago referred to a type of lead ore. A plumber is someone who used lay leaden

water pipes. Hence the symbol on the periodic table for lead is Pb.

Regarding precious metals, ask yourself: Why is Au the symbol for gold? The name itself has Anglo Saxon roots but the symbol in Latin is Aurum. The word; auriferous obviously refers to the soft, shiny metal. The name of the Roman Emperor, Marcus Aurelius implies "golden." Since the advent of man, gold has been highly valued due to its beauty, its bright luster, its ease of working into objects, and resistance to corrosion or oxidation.

Similar to aurum, is argentum. This Latin word is a derivative from the Greek ἀργός. It means shiny or white or silver-colored. The symbol of this metal on the periodic table is Ag. Interestingly, when someone is referred to as silver-haired, it is supposed to imply wisdom; that is, the wisdom that comes with age. What about a silver lining? Dark clouds are sometimes accompanied by bright, silvery fringe and it is a reminder that even with adversity there is hope and something good.

This discussion leads to another element that is known as quicksilver. Its symbol on the periodic table is Hg and stands for hydrargyrum. This word is a Latin derivative of the Greek, ὑδράργυρος or hydrargyros. It literally means water-silver or silver water since in its natural state the liquid metal has the appearance of a bright silvery fluid. But quicksilver also symbolizes human instability since like any liquid; mercury gravitates towards the lowest point. Elemental mercury when uncontained tends to disperse as tiny beads in every direction. Drop a glass vial of this element on the floor, and you'll understand what I mean.

Mercury is not considered a base metal. It is however classified as a rare metal along with cobalt, tungsten, beryllium, etc. It is also considered a transition metal and is sometimes classified as a noble metal. Did you know that the Roman god Mercury (Mercurus, Latin) was pictured as being sprightly, fleet-footed, and volatile? In Greek mythology, He was known as Hermes, the fleet-footed messenger of the gods with wings on his head and on his heels.

Another element is magnesium. On the periodic table it is found in group 2, period 3 and classed as an alkali earth metal. In pure form, magnesium is a lightweight, silvery-white metal. Its name is taken from the ancient city of Magnesia on mainland Greece near the Aegean Sea. Here it was mined in the form of magnesite, a magnesium carbonate. Magnesium compounds, whether sulfates such as Epsom Salt or magnesium hydroxide, modern day Milk of Magnesia, have long been recognized as a curative for aches and pains, skin sores, and upset stomachs. The word magnesium is derived from Medieval Latin magnesia and New Latin, magnesium. Predictably, its symbol is Mg. Note that another source for magnesium is dolomite, a magnesium, calcium carbonate.

History behind the names of the above-mentioned elements goes much deeper than addressed here. Also, we must consider the linguistics associated with different parts of the ancient world. Even though English is a Germanic language, we stick with many Latin roots because it remains an integral part of our vocabulary.

[Sources: The Barnhart Concise Dictionary of Etymology & The History and Use of Our Earth's Chemical Elements; A Reference Guide. By: Robert K. Barnhart. 1988, 2nd Ed. By: Robert E. Krebs 2006]

(Via Christian Teutsch, Editor, Alaska Pebble Patter July 2017)