

HATROCKHOUND GAZETTE

APRIL 2016

Tuesday, April 12, 2016, 6:30 pm Copper Bangle with Chris.

Chris will walk us through the process to make a pounded copper piece that you can take home and show off to your friends. Look below for a list of supplies to bring along.

Treats provided by Chris Sorensen and helper.

(April-Diamonds-Some are clear, some colored. Bring any color rock for show and tell.)

Supplies to bring if you have them.

Pliers: chain nose and bail forming,

Hammer: plastic, leather, ball peen or textured,

Shaped baseball bat or bracelet mandrel or a soup can (something about the size of the wrist you can pound on.)

Board or other item to protect your workspace.

The club will supply the copper and files for use.

Come have some fun and create!!!

Hatrockhounds Gem and Mineral Society

Meeting Minutes

March 8, 2016

Our attendance this evening included thirty-one people, with five of those being of the Junior nature. Guests for the evening were Sue Jones and Stan Sloan who recently moved from Arizona to be closer to Sue's family in the area. Tim Bowers brought his little one, Christina a 3 ½ year old who loves rocks. Reese brought his son, Clay and friend, Dusty Ferguson, both for whom he paid membership. We love to see enthusiastic faces! Welcome to all!

General Business:

Treasurer's Report Margaret reported that the Conference Center, Insurance, dues for ALAA and Chamber membership are paid.

Annual Show: Please take some flyers to distribute. We have been having an issue finding a food vendor.

We found out we may be able to vend on our own. The executive committee will discuss and research details and we will give a report at the April meeting. We have a flat case in the Hermiston Library reserved to put in a display and information about our show starting the first of May and running through our show.

Judi shared a flyer with information about a sale at the Cataldo home in Richland, made available flyers for the Lakeside show and set out the treat list for members to add their names to the list.

Margaret told of a trip she and Cheri Filarski took to visit the Craters of the Moon in Idaho. They encountered a nice lady Ranger who gave them a great deal of information and asked about Oregon Sunstones. Margaret also stated the park has a Junior Ranger Program and that people over 60 can get a \$10 permit good for all National Parks. She shared Ranger Sue's email in the event persons want to gain more information:

moonbabe1234@hotmail.com.

Door Prizes Door prizes tonight went to three guests, Christina, Clay and Stan and to Alex and Margaret. Congratulations folks!

Show and Tell:

Ty brought some black petrified wood and “bumps on a crystal” which others helped to name as botryoidal.

Shannon showed off a Native rock she thought might be a fish net anchor. Mike said it was probably used as a hammer. She also brought some green rocks to donate to the kids.

Laura also had two green slabs: serpentine and marble in quartz.

Randy shared the find he got last week. It was decided it might be some sort of unique jasper.

Larry brought a specimen that came from south of Heppner.

Judi brought a couple of purchased items: a small aquamarine crystal and a crystal cluster which included an aquamarine.

Program: Display Liner Cover Party: Thanks to the help of many of our members, we got five of the eight liners we were planning to cover done at the meeting and volunteers to take the other three home to complete.

Good work, everyone!!!

Executive meeting: Monday, March 28, 6:30 at Judi's (Remember, all are welcome)

April Meeting, Tuesday the 12th.

Program: Copper Wire Creation with Chris Sorensen. Chris is also in charge of treats.

WEBSITE: jall23.wix.com/hatrockhounds

Secretary, Judi Allison

Hatrockhounds Executive Minutes

Monday, March 28, 2016

Present: Judi Allison, Mike Filarski, Margaret Free. Laura Tiffany, Janet Judd-Fahey

Junior Achievement Application – Officers affixed their names to the application so Alex can submit an entry for the award.

Show – Mike has the dates printed to go on the large signs that go around town. He also ordered signs to go into cars as well as additional flyers, both large and small. (We have found this and the Nickel are our most efficient means of advertising.) Laura and Janet will check on possibilities for a food vendor. As a last resort, the club will do it. Laura said she is considering tumbling some more Junior material from a supply of large pieces. Things are coming together with dealers. Janet is going to print pictures for an updated album of our activities to have available at the show.

March Meeting – Chris Sorensen will be instructing a “Copper Bangle”. If members have them, they can bring jewelry tools which would include pliers-chain nose and bail forming; hammer-texture or ball peen; a wooden baseball bat (used as a mandrel) or a bracelet mandrel. A soup can could work (something close to wrist size that can be pounded on.) A board or other form of work surface that can be pounded on will also be needed.

Secretary, Judi Allison

April's birthstone is the diamond.

Diamonds are the rich cousins of graphite. Both are crystalline forms of pure carbon. The enormous differences in their properties are a result of the way the carbon atoms are bonded together. In graphite, carbon atoms are arranged in sheets that easily slide past each other, which makes graphite ideal as a lubricant and, of course, pencil lead. Diamond crystals, on the other hand, are a tight-fisted network of carbon atoms securely held in four directions, making it the hardest naturally-occurring substance in the world.

In order to achieve such a compact and strongly-held network of carbon atoms, it is believed that diamonds must have crystallized deep under the Earth's surface. At these depths the proper conditions for the formation of diamonds exist; at 90 to 120 miles deep, pressures are more than 65,000 times that of the atmosphere at the Earth's surface, with temperatures exceeding 2,700 degrees Fahrenheit. Such pressures and temperatures reproduced in laboratories have successfully yielded synthetic diamonds.

There are many kinds of diamonds: transparent, translucent, or opaque; ranging from colorless to sooty black, with many colors in between. Mostly transparent diamonds, colorless or tinted, are used as jewelry. Others are used widely in industry. The color of a diamond depends on the kind of impurities embedded inside it. Yellow diamonds, for example, betray minute quantities of nitrogen, while boron imparts a bluish hue. There are other inclusions in diamonds that have great scientific value. Such samples are time capsules that yield valuable information about conditions deep in the Earth's upper mantle where diamonds formed, as well as clues to the formation and age of the diamond.

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