

BEEHIVE ROCK & GEM CLUB
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BEEHIVE ROCK
AND GEM CLUB

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**MEMBER OF UTAH FEDERATION OF MINERALOGICAL SOCIETIES
ROCKY MOUNTAIN FEDERATION OF MINERALOGICAL SOCIETIES
AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES**

The Beehive Rock & Gem Club began in April of 1970.

The purpose of our club is: To collect, cut and polish rocks, to gather fossils, mineral specimens, to discuss and impart our knowledge of the different phases of collecting, polishing and displaying-

To promote, organize and hold meetings, outings, trips, and similar events. To enjoy and protect our natural resources.

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**USUAL DATE FOR MEETING – FOURTH THURSDAY – 7 PM
OGDEN HINKLEY AIRPORT TERMINAL, 3900 S & AIRPORT ROAD**

November, December have changes. Maybe others.

Call any Board member for current information.

BOARD OF DIRECTORS OF THE BEEHIVE ROCK & GEM CLUB FOR 2011

President & Board Chair	Joe Kent	801-771-8184
Vice President	Steve Smith	801-731-4216
Secretary	Norine Ramos	801-774-8306
Treasurer	David Law	801-731-4255
Field Trip Coordinator	Roger Bush	801-775-0147
Assistant	Ray Law	801-825-5857
Program Chairman	Ray Rutledge	801-732-8331
Door Prize Chair	Jim Alexander	801-399-0785
Hospitality Chair	Linda Pilcher	801-392-7620
Communications Chair	Kay Berry	801-825-6261
Membership Chair & Club Directory	David Law	801-644-4931
Mini-show Chair	Dean Bennett	801-773-7142
Safety Chair	Lynn Hayes	435-723-2216
Publicity	Mark Acker	801-475-4705
Managing Editor of BUZZER	Dave Harris	801-737-1266
Associate	Leora Alexander	801-399-0785
Calling Committee Chairs	Sherm & Ricky Thomson	435-760-1362
Calling Committee Chairs		

FEDERATION REPRESENTATIVES**DUES**

Rocky Mountain Federation Delegate -----President	Due: October 1
Utah Federation Delegate -----TBA	Single - \$11
Public Land Advisory Committee ----- Jim Alexander	Couple or
	Family - \$16
	Junior - \$5
	Overdue: January 1

Beehive Rock & Gem Club Program 24th Mar 2011
Annual Club Auction



This is an opportunity to help raise money for the club and at the same time pick up some good deals!!! Bring your items to donate: rocks, jewelry, tools, lapidary equipment, etc.

Attention to newer members who would like to acquire some beginning type equipment to cut and polish rocks. Several persons are donating equipment to the club- 3 saws (2 @ 6 inches, 1 @ 4 inches); a grinder with a new 100 grit wheel and also with an expandable wheel to take different sized belts (some belts included) ; and some arbors and an electrical motor (1/4 HP). A picture of the saw donated by Eve Cavalli is shown (includes motor; thin copper blade and mounting. Checked out by Ray Law).

Also jewelry from a closed gift shop in Alaska will be part of the auction. The jewelry is mostly Alaskan jade and flake gold pieces. (Courtesy of Rosalie Grose Price, life member and first editor of the Buzzer).



Presidents Message

March 17, 2011

I don't know where the time has gone. It seems like yesterday that I compiled the last message from Quartzsite AZ. Well, we're home now and got back just in time for that last big snow storm. I'll tell you we were ready to go back south.

Last weekend Bonnie and I ventured up to Twin Falls ID to visit our daughter Erika. We are members of the local rock club there and helped with their show. We are also members of the Golden Spike Club and have helped out on that show several times. Not much difference between clubs, we all like rocks. Shows are a good forum to bring our activities to the attention of the general public. That being said I would like to encourage everyone to follow the guidelines on collecting. Please be safe in your travels, exploration and excavation. Be a good steward to the lands you visit by not only packing out your own refuse but any you may find left behind by others.

Speaking of shows Dean Bennett has informed me that he will not be available this coming Fall/Winter to Chair the exposition in Huntsville UT. We need someone now to help out with this activity. Dean has done an excellent job and will provide all the contact names and numbers and other necessary information. With the membership of our club growing there are lots of opportunity for volunteers.

Returning from Quartzsite I became acutely aware of the rising price of gas. At 11 MPG the dollars add up quickly. In Las Vegas the pump shut off at \$70.00 and had to be reset to finish fueling. With the upcoming field trips in mind we will be asking you to commit to going on a planned trip by signing up before hand. Please don't sign up unless you really intend to go. It isn't fair to the Wagon Master to invest their time and money if only 3 or 4 families are going.

With this in mind I would like to offer another option to a canceled trip. If I were going to be home I would love to have some members come over for lapidary instruction. Bring a rock and we'll cut it. If you want to make a cab from a slab we can do that. There is wire wrapping or even silversmithing (brass). Perhaps there are other members who wouldn't mind doing the same thing. We could even get together from the separate satellite groups and have a potluck at one of the parks. Please let us know what you think!

Joe Kent, President

January Meeting Notes

Vice President Steve opened the meeting by introducing three new members. Marian Perry, Jeff Huffner and Sharon Wilcox. We also had three visitors with us. They were Bob and Carol England and Doug Robinshaw.

Steve also reminded us that March is the club auction. Everyone please bring your donations and don't be afraid to bid. This money goes to support the club. It's a lot of fun too!

Roger reminds us that April is the Topaz Mtn. trip. Please plan to go. If anyone has any suggestions about future trips, they should talk to Roger.

The club By-Laws were voted on and approved. Door prizes were handed out and the time was turned over to Jim Vining.

Jim gave a good talk about metallurgy. He passed out a hand out to follow and went over the high points. The talk was very good, explaining how to clean your metal, flux, and soldering. He showed examples of mixed metals and some finished products. It was very interesting and we thank him.

Norine Ramos,
Secretary

Ten Commandments of Using Acid

1. Never add acid to water.
2. Always keep a container of water nearby for neutralizing solutions in case of a spill.
3. Never use acid with bleach.
4. Always use acids in a well-ventilated area.
5. Always use inferior specimens for experimentation.
6. Always treat a spill as if it is the worst acid you are using.
7. Always wear protective clothing and use proper equipment.
8. Always neutralize acid solutions before disposing of them.
9. Always use and store acids carefully (well labeled and out of reach of children).
10. Always practice common sense.

*Source: Rockhound Rambling - May 2009
Via Rock Chips Deming, NM March 2011*

Show Dates

- Mar 18-20 — 52nd “Spring Parade of Gems”
Spanish Fork Fairgrounds
475 S. Main St., Spanish Fork, UT
Timpanogos Gem & Min Society
Free Admission & Parking
Fri, Sat: 10-7, Sun: 10-5
<http://timprocks.weebly.com/>
- Mar 25-27 — The Gem Faire
Commercial Rock, Gem, & Bead
South Towne Expo Center
Exhibit Hall 5
9575 S. State St., Sandy, UT
Admission: \$5
www.gemfaire.com
Contact Kay Berry for free weekend passes
- Apr 8-10 — Golden Spike Gem & Mineral Show
Golden Spike Event Center
Weber County Fairgrounds
1000 N 1200 W, Ogden, UT
Fri: 9-6; Sat 10-6; Sun 10-4
Cindy Blanchard: 801-648-5060
www.goldenspikegem.org
- Apr 16-17 — 46th Annual Gem & Mineral Show
Idaho Falls Gem & Mineral Society
Idaho Falls Recreation Center
Memorial & B St., Idaho Falls, ID
Kevin Landon: 208-257-3847
- Apr 29 — Wasatch Gem Society Show
- May 1 State Fairgrounds, 155 N 1000 W
Zions Building, Salt Lake City, UT
Adults \$2, Under 12 free, Park Free
Fri, Sat: 10-6; Sun: 10-5
Kaye Lee: 801-259-7446
- Jun 24-26 — RMFMS Convention & Show
Colorado Springs Mineralogical
Society
Colorado Springs, CO
Gene Maggard: 316-742-3746

April Birthdays & Anniversaries

BIRTHSTONE — Diamond

Diamond is the hardest natural substance known. On the Moh's hardness scale of 1-10. Diamond has the greatest thermal conductivity known. A sizeable stone held in the hand feels cold, hence the slang name “ice”. There are ice clears, yellows, pinks, reds, blues, greens, browns, and more. The stone has an adamantine, greasy luster. Diamond is from Greek :Adamas:, meaning invincible or unbreakable. It is formed deep within the mantle of the Earth, and is only brought to the surface via Kimberlite pipes, Lamprophyres, Eclogites and other rock that originate deep within the mantle. Diamonds are also found in Alluvial deposits, along with Quartz, Zircon, Corundum and other minerals, derived from such rocks, and in certain meteorites. Because of its hardness, Diamond has great industrial uses for grinding and cutting. Diamonds have been found in the rivers of northern and central California. They are found on almost every continent. Diamond has relatively high optical Dispersion, that is the ability to disperse light of different colors. Diamonds are the most popular gemstone. (Via Staurolite, April 2010)

Note: Ray Law has proposed a field trip this year to the Wyoming diamond area. Ray and Roger will give us more information in the future.

White Sapphire – Aluminum oxide/corundum, second on the Scale at 9. Like diamonds, sapphires can come in many lovely colors.

Silver Topaz – An aluminum fluorsilicate, bleached gems at Topaz Mountain.

(Note: Our field trip in April is to Topaz Mountain.)

White Zircon – Zirconium silicate, softer at 6.5-7 and very brittle. Another substitute for the more expensive diamond.

Cubi Zirconium – A man-made gem. It is the most affordable of the diamond substitutes in its purest uncolored form.

Flowers – Sweet Pea or Daisy. I need to check if my “peas” are coming up yet, they are a sure sign of Spring!

ANNIVERSARY – Diamond, 75th; Canary Diamond, 60th; Rock Crystal, 15th.

Via Beehive Buzzer March 2005

Inter-Regional Rockhound Rendezvous and Field Trip

May 27 – 30, 2011, Hampton Butte, Oregon

The Northwest and California Federations of Mineralogical Societies are hosting an Inter-Regional Rockhound Rendezvous and Field Trip to Central Oregon over Memorial Day Weekend 2011 for Petrified Wood, Agate and Obsidian!! And all AFMS society members and guests are invited.

Directions: From the South – Traveling east or west on US 20 turn north on Van Lake Rd. (mile marker 52) go north approximately 16 miles. Watch for camp signs as you approach Camp Creek road. Road is a maintained gravel road.

Directions: From the North – Driving from Prineville, Oregon go east on Hwy 380 to mile marker 44, turn south (or right) on Camp Creek road and drive south until you get to the junction of Van Lake Rd. Watch for signs (all but the last several miles are paved)

Facilities: The campground is a large pasture. This is a “dry camping” area and with porta potties. It can accommodate all sizes of motorhomes and trailers and is also very good for tenters. You will be camping on private property and need to follow some basic rules: No off road except camp area, no cutting of fire wood and **no rock collection on the ranch**. If you have questions check with camp host.

Collecting Trips: The organized collecting trips will start on Friday morning. All trips will leave at 8:30am, Sharp! from the campground. We will be running a maximum of 50 collectors to three separate locations on Friday, Saturday and Sunday. You will have to sign up each day on a first come first served. Three trips will be leaving for the following three locations each of the three days: Hampton Butte, Paulina Area, Camp Creek Area, & Glass Butte (Monday Only).

Schedule:

Thursday, May 26 ; Arrive at camp: Welcome potluck dinner & get-together with camp fire.

Friday, May 27: Daily Field Trips

Evening: BLM: Talk on Geology of the Area

USFS: Newly Discovered Calderas

Camp Fire -

Saturday, May 28: Daily Field Trips

Evening : All Rendezvous Potluck Dinner and Camp Fire

Sunday, May 28: Daily Field Trips

Afternoon and Evening: Rock Swap, Wood identification by Walt Wright.

Monday, May 30 Daily Field Trips Glass Butte. Open Day you may go to any of the collecting areas
Tuesday, May 31 Break camp to head for home or other adventures. Plan on several potluck dinners, and daily happy hours. Bring firewood for evening campfires. We plan on having a good time and collecting some good material. Please notify one of the Federation leaders early, but no later than May 20th if you plan to attend. E-mail (or call) if you have questions or need more information. This will be a great opportunity for rockhounds from all over to meet one another, to share stories, and information about collecting in their home areas. Be sure to bring material from your favorite collecting sites to show and share, trade or sell.

General Information

Central Oregon is known for petrified wood, agate and thunder eggs. This Rendezvous will be to the Hampton Butte green petrified wood area, the Paulina area for pink, green and blue limb casts and to Glass Butte for a big variety of obsidian. Trip logs will be available to 8 to 10 other nearby sites for agate, thunder eggs, jasper and petrified wood for self guided collecting trips. These trips will include: Muary Mtn. jasper, Bear Creek petrified wood, Eagle Rock dendritic/moss agate, Ochoco thunder eggs, and several other petrified wood and thunder egg sites.

Daily Field Trips:

- All trips will leave at 8:30 am (Pacific Time), Sharp!, from the campgrounds. Assemble at 8:15 for details and instructions for each day’s trip. High clearance vehicles recommended to collecting areas.
- All participants are requested to read and sign a Waiver of Liability.
- We will divide up into small groups, each group going to a different site each day. Everyone will be able to collect at least once at each site. There will be a signup sheet each day for each site.
- There is float collecting and digging. Bring the following tools: rock bags, rock hammer, shovel, small picks, hoe, rock scoop, spray bottle, safety equipment and what ever else you usually bring.
- High clearance vehicles highly recommended to collecting sites. We will help arrange rides for those who need them.

1. Gas and supplies can be purchased in Prineville and at Post located on Hwy 380 mile marker 25. E

2. Motels; Best Western, Prineville Inn, (541)-447-8080, Stafford Inn, (541)-447-7100, Econolodge (541) 447-6231 Gas?? Groceries, etc.??

3. RV-Parks - Crook County RV Park (541) 447-2599, Lake Shore RV, (541)-447-6059
4. We will have a welcome potluck dinner on Thursday evening and the all Rendezvous Potluck dinner on Saturday evening. Bring food to share and your own plates, eating utensils, tables and chairs. Bring your favorite beverages and snacks to share for Happy Hour each afternoon. We will try to have a campfire each evening so bring firewood.
5. Bring rocks and specimens, etc. from your favorite home collecting area to show and swap at the tailgate display. This will be a good time to swap maps, GPS readings and information about your favorite home collecting areas.
6. There are a lot of other rockhounding opportunities within 100 miles of our Rendezvous site: sunstones, opal, petrified wood, other obsidian sites, geodes and more. The Rendezvous is a good way to start your summer collecting tour.

Come join us for a great Inter-Regional Rendezvous of collecting, fun and fellowship.

Doug True
Northwest Federation
dtruefossils@yahoo.com
406-670-0506

Richard Pankey
California Federation
dickpankey@juno.com
925-439-7509

Via American Federation of Mineralogical Societies
www.amfed.org/FieldTrip2011-05_Hampton%20ButteOR.pdf

Choosing Beads

by, Mary Sue Bucher, San Francisco GMS

I don't think anyone would purposely buy poor quality beads. But how do you pick the good ones?

The hole is a very important part of the bead, and if it's a round bead, it *should* be DEAD CENTER unless of course it's a side drill. Stretch the string between your hands and spin the line of beads on it. If they appear to "jump up and down." Then they are off center. While doing this, try to move the beads back and forth on the string. There should be some play. If they're too tight on the string, that could be a sign of bad holes. Sometimes a bead is drilled from one end

with a slightly cone shaped drill and then drilled from the other end.

If the holes don't meet properly in the center, then they're bad and can be a bear to work with. Neither should the hole be too big as that can cause grief too. There may also be cracks, air bubbles, flat places, and "%*\$#&"s in your beads. Be sure to check them before buying. If it's a hand carved bead, is it a good one? Be critical!

Is it dyed? More and more gemstone beads are being dyed; in fact it's hard to find gem beads that haven't gone into the dye pot. What color is the string? If it's the same as the beads, that can be a giveaway.

Becoming familiar with what the stone is supposed to look like is the best way to tell.

Chip and nugget beads are some of the cheapest stone beads, they're just left-over hunks that are tumbled and then drilled, although some of the better stones can make a nice informal necklace.

Many glass beads have coatings that rub off. Some Delicas, and other Japanese cylinder beads have this problem and some of them are dyed too. Neither treatment is permanent, but you can get some good information from bead companies online as to which beads to avoid.

When buying faceted beads, stone or glass, always check the edges of the facets. Sometimes they have little chips running along the edges, and you don't want those. This can be a problem with vintage crystal beads.

Also, many of those old crystal beads, such as Swarovski, have an AB (Aurora Borealis) coating, which can be badly worn, and ends up looking gross.

There's really no magic to choosing good beads. You just need either good eyes, good glasses, and/or a loupe or optivisor. Take one with you. Look at the beads closely and study them. It has always amazed me how people just seem to buy things without giving them a good looking over. Anything you buy, anything, should be carefully examined whether it's a used car a plant that might harbor bugs, or some really yucky beads.

*Source: the glacial Drifter – November 2009
Via Rock Chips Deming, NM March 2011*