

February 2011



P.O. BOX 14766 - Opportunity Branch - SPOKANE, WA. 99214

ROCK ROLLERS CLUB
P.O. Box 14766
Spokane Valley, Wa. 99214-0766

MEETINGS 4th TUESDAY
9517 E. 4th Ave
Spokane, Wa.99206

OFFICERS --Year 2011

PRESIDENT David Rapp 891-6533 rappdavid@apl.com
FIRST VICE PRESIDENT..... Eric Grim 456-8092
2nd VICE PRESIDENT..... Sam Keiser
TRESURER..... Bev Bockman 1-208-773-5384 bockbb@aol.com
SECRETARY..... Janet Ortiz 475-5944
FEDERATION DIRECTOR..... Dennis Hicks 1-208-659-6002 dphicksidaho@yahoo.com
FEDERATION DELEGATE.....Don Knack 926-6444 manack@comcast.net
FEDERATION ALTERNATE ...Dean McGill 483-3639 deanmcgill@comcast.net

MINERAL COUNCIL DEL . #1 Mike Shaw 251-1574 cell mikeshawmoose@yahoo.com
MIN. COUNCIL ALTERNATE #2 Krissanne Gray 701-3519
MIN. COUNCIL ALTERNATE #3 Becky Gillespie 3280-1599 gillesbj@q.com

1 YEAR TRUSTEE..... Glynis Hull 926-2466 gghull@comcast.net
2 YEAR TRUSTEELeon Agee.....276-3992
3 YEAR TRUSTEETeri Pratt.....216-6091

COMMITTEE CHAIRMEN.....

Hospitality.....Cindie Doppler[216-5473](tel:216-5473).....froggarden5@aol.com Juniors
Field Trip-----Mike Shaw.....244-8542 Parl.Don Knack 926-6444
LibraryMarian Knack..... [926-6444](tel:926-6444).....manack@comcast.net Historian.....
Membership....Marian Knack.....926-6444.....
Refreshments.....June Robbins....cell 599-6694
Public Relations / Marketing --

Scholarship: 1 year David Rapp.....ph-891-6533
2 year
3 year

SHOW BOARD

2010- Chairman Leon Agee ph 276-3992 -- email ageelap@aol.com
***2011- Chairman Gerry Pfeiffer ph 1-509-294-1927
2012 - Chairman.....Mike Shaw

Dealer Chairman..... Gerry Pfeiffer ph 1-509-294-1927 pfeiffer@webband.com

Editor & Printer & ASSEMBLING...Erma Riese..1-509-924-0314--3902 N Farr Road, Spokane, WA 99206 xenon@abbacom.net

Bulletin Advertising: **Business Card Size** -- \$12.00 yearly; \$7.00 - 6 months; *** Non-member advertisement - \$1.00 per line
Ad. must be copy ready *** **Any change** of Ad. within that year is an additional fee of \$12.00

Non Member subscription: \$ 10.00 a year. Rock Roller Club Dues: Adults, \$15.00 yearly, Juniors, no fee .

Club Affiliations: American Federation of Mineralogical Societies -- <www.amfed.org>
Northwest Federation of Mineralogical Societies -- www.amfed.org/nfms
Washington State Mineral Council -- <http://www.mineralcouncil.org>

OBJECTIVE: To unite and associate with persons who are interested in the study of earth science, collection of minerals,
gem materials, fossils and for generally broadening their knowledge in these fields. All meetings are open to the public.

Rock Roller Bulletin is published monthly. **The Editor is not responsible for the authenticity of information in articles**
accepted for publication, nor the opinions expressed therein necessarily those of the officers of **Rock Rollers Club, Inc. and/or the Editor.**

BULLETIN AWARD....American Federation Hall of Fame, 2003..... American Federation 1st place --Small Bulletin.....2008

NOTICE: ROCK ROLLERS -- WEBPAGE www.rockrollers.org --

ROCK ROLLER MEETING

FEBRUARY 22, 2011 6:00pm Tues.

9517 E. 4th AVE.
SPOKANE, WA. 99206

ROCK ROLLERS

***** SHOW BOARD MEETING
JUNIORS 6:00 pm

BOARD OF DIRECTORS MEETING

Sat. Feb. , 19th --- 10:00 am

Sat. Feb., 19th ---- 11:00 am

9517 E 4th AVE.
SPOKANE, WA. 99206

NEWS TO EDITOR BY MAR. 4TH FRIDAY

BOARD OF DIRECTORS MEETING - Jan. 22-2011

Call to order by President David Rapp

Approval of Dec. 2010 Minutes

Bulletin - Due Feb. 4th

Committees-

Fed - No -Report..... Mineral Council - No Report..... Library - No Report

Show Chair Report --- Moving along..... Bev brought Grab Bags to be sewed. Pattern is at the Club House..... Tumblers going all winter. **NEED THE POLISHED STONES.....** Will post the date to fill the grab Bags. Leon Agee will purchase the main door prize when in Tucson this next month. Show meet Feb. 19th, 11:00pm Chair., Gerry Pfeiffer

Scholarship -- David Rapp.....February meeting there will be 3 winners.

Field Trip: Mike Shaw Working on a schedule.

Old Business.....Shop completed an Approved -- Furnish glasses and assigned to individual Members. Will keep glasses on shelves at the club house . Must wear these for **Safety**. Operating procedures for the Lapidary workshop have been completed. Purchased refurbished Projector.

New Business..... Purchase of shop supplies. Used DVD player to go with the projector. Bev Bockman discussed program, Rock and Minerals. March - Display Case Orientation . Swore in Leon Agee -- Two year Trustee. Was absent at Dec. meeting.

ATTENDED MEETING -- David Rapp, Gerry Pfeiffer, Leon Agee, Dennis Hicks, Bev Bockman, Eric Grimm, Erma Riese Secretary Pro Tem - Erma Riese

GENERAL MEETING ---Jan. 25, 2011

Meeting called to order by President David Rapp. Welcome and Pledge of Allegiance

Scholarship Items: Garnet Earrings and Pendant, Two pair of faceted gemstones

Program - Precious Opal presented by Mike Furner.

DRAWING for Door Prize. Break for Refreshment.

A drawing for those entered already in the Scholarship raffle. [3 slabs for 3 tickets drawn]Tickets were then placed back in the jar for the 3 month drawing in February. Winners: Teri Pratt, Angela Martin and Cari Thrapp.

MINUTES -- Approved as printed in the Bulletin.

TREASURES REPORT -- Bev Bockman --

Correspondence: Janet Ortiz --- Card from Joe DeField. Nice to know he is feeling better.

SHOW CHAIR REPORT -- Gerry Pfeiffer ----Need to continue to sew Grab Bags and Polish stones. **NEED VOLUNTEERS** -- Sign up sheets are at the Hospitality Table. Show Board meeting Sat., Feb. 19th at 11:00am

FIELD TRIP -- Discussed -- See page 2 for information

OLD BUSINESS -- Operating procedures for the Lapidary workshop have been completed. Safety Glasses are on display on shelf. Club furnishes the safety glasses.

Mike Shaw keeps shop going two nights a week. Needs 80 grit grinding wheel.

Purchase of shop supplies and a used DVD player to go with the projector.

Show, faceting workshop, and field trip procedures are still being worked on and will be completed after the 2011 show.

Future programs will include setting up a display case for the show, mineral identification, the geology of oil exploration, and gold mining.

The Mystery Rock: igneous - organic mat. - granite - Feldspar - from Priest Lake.

Secretary Pro Tem, Erma Riese

PROGRAM -- Feb.

Show and tell -- What did you make from the item you bought at the Oct. Auction?

REFRESHMENTS -- Kathleen Govett -- It's VALENTINES! Red, White & Chocolate Theme

Larry Romero -- Krisanne Gray -- Jackie McGarvey -- Becky Gillespie

Thank you to January Members for furnishing refreshments-- Bev Bockman -- Cari Thrapp -- Dennis Hicks -- Kathleen Govett -- Mark Jones -- Cheryl Ellicott -- Jim Rundlett

HOSPITALITY -- Cyndie Doppler Know someone is ill etc.? Call Cyndie ph 216-5473**MEMBERSHIP** -- Marian Knack ph 926-6444 **WELCOME** -- NEW MEMBERS

Kyle Andrews, 1212 N. South Riverton, Spokane, Wa. 99202, -- ph 688-7864

Kylescomputer@hotmail.com

Amanda Heagy, 1212 So. Riverton, Spokane, Wa 99202 - ph 723-7424

Mandizluv@hoymail.com

Angela Martin, 10008 W. Raspberry Ave., Cheney, Wa. ph 979-8232 --bdcrzy@yahoo.com

NEW JUNIOR -- Rebecca Potter -- Member Sponsor - Jim Rundlett

SCHOLARSHIP -- David Rapp -- Feb. Drawing -- Garnet Earrings and Pendant, Two pair of Faceted gemstones**LAPIDARY CLASS** -- **Mike Shaw** -- ph 251-1574 MON. & TUES -- 6:00pm**FIELD TRIP** --

****April 16th -- Saddle Mountain -- Meet at Sprague Lake Rest Stop at 8:00am Don't be late!!

ALSO -- Memorial Day Weekend -- May 27-28-29 -- Inter-Regional Rockhound Rendezvous. Hampton Butte green petrified wood area, Paulina area for pink, green, and blue limb casts and to Glass Butte for a variety of Obsidian. There are many other areas here. This is a great Rockhounding area. [more info.see --Dec.Northwest Newsletter, page 5 --] [Jan. Pg 9]

NORTHWEST GEM & MINERAL SHOWS

Feb. 26-27 Idaho Gem & Mineral, Expo. Idaho, Boise. Id.

Mar. 5,6 Owyhee Gem & Min. Soc., O'Conner Field House, Caldwell, Idaho

Apr. 1,2 Panorama Gem & Min. Fort Colville Grange Hall, Colville, WA.

APRIL 8,9,10 -- Rock Rollers Club Gem & Min. --Spo. Co. Fair & Expo Center, Spokane, Wa.**SHOW BUS.** -- Gerry Pfeiffer ----- Meeting - Sat. 11:00am Feb. 19th at Club House

Are you Sewing Grab Bags and Polishing Rocks??? Time is running out!!

Will be setting date to fill Grab Bags.

"I have advance show tickets. They are \$5.00, the same price as the senior tickets." Marian Knack

Rock Roller's Banner has been corrected and will be at the Gem Show and on the Web site.

I'M GONNA CLEAN THIS SPECIMEN By Mel Albright, AFMS Safety Chair, March 1999

Like many rockhounds, I have some mineral samples. Like many rockhounds, the samples need cleaning up. Ugly stuff is on the surfaces of the pretty stuff. Like many rockhounds, my first thought is "I'll soak it in some acid." Like many rockhounds, I may be headed for trouble.

First, the perennial warning - AAA - always add acid. If you are going to dilute acid with water, always add the acid to the water. Why? The heat of solution of acid in water is high. If you add water to acid, it turns to steam and blows acid into the air. Very bad if your hand is still over the acid. Even worse if your head is, also.

Now - about cleaning up. The list of possible acids contains some that YOU AND I should NEVER get near. Hydrofluoric acid (HF) cleans fluorite. BUT, it is so dangerous that we should never consider using it. To quote from the Material Safety Data Sheet (MSDS) for HF: "Vapors may be irritating to skin, eyes, nose and throat. Inhalation of vapors may cause irritation or burns of the respiratory system, pulmonary edema, or lung inflammation. Liquid and vapor cause severe burns that may not be immediately painful or visible. Substance is readily absorbed through the skin, penetrating the skin to attack underlying tissues and bone, Ingestion may cause severe burns to the mouth, throat, and stomach. HF may have adverse effects on kidney function, and may be fatal." The MSDS goes on for some time. What the above does not say is all those bad things occur with VERY low exposures. Convinced? It is NOT something for amateurs to be around. It is something professionals treat with much protective equipment, safety hoods, training, and care and only when required.

Hydrochloric acid (muriatic acid) (swimming pool acid) (HCl) can be used for cleaning. Because it is so common, many people consider it as not too dangerous. WRONG! The HCl MSDS says: "Inhalation of vapors may cause pulmonary edema, circulatory system collapse, damage to upper respiratory system, collapse. Touching it is even worse. With eye goggles and rubber gloves, you can use this material. But you must be very careful with it.

Nitric acid (HNO₃) is sometimes considered for cleaning since many nitrates are soluble in water. Trouble is that nitric acid is a strong oxidizer. That means it reacts strongly with all organic material - like people. It is also extremely corrosive. Contact with skin or eyes may cause permanent damage. The vapors can be dangerous, too. Most important - it is so reactive that it may well boil when you pour it onto your specimen to be cleaned. Use goggles and rubber gloves if you do try to use this stuff.

Sulfuric acid (H₂SO₄) is also available for use. Vapors can cause severe irritation of the respiratory system. Liquid can cause severe burns to the skin and eyes. Ingestion may be fatal.

Now a couple of more benign materials: Acetic acid (vinegar) can be used to clean specimens. It is dangerous when in strong solution - corrosive, and can cause serious burns. In the form we get it from the grocery, it is safe for us, but still corrosive.

Oxalic acid is often used to remove iron stains from quartz. Again we often underestimate its danger because it is common. Contact with the skin or eyes may cause severe irritation or burns. Ingestion may be fatal.

In summary - DO NOT USE ANY ACID unless you are trained to do so. If you do, use protective gloves, eye protection, have good ventilation, and remember AAA and that use may generate heat and cause rapid and immediate boiling.

[References: Applicable MSDS's from AMFS Newsletter 3199 via SCRIBE CD 2009]

CARNY HOUND

NOVEMBER, 2010 ISSUE 10:2010

Shop Hints Do they work and are they safe? Who knows? I have not tried them.

Black petrified wood when polished often has no resemblance to wood at all. It just looks like a plain black polished stone. You can, though, highlight some of the beautiful grain structure by bleaching it. Soak your already cut and sanded pieces in common household bleach. Cover the container and let the preforms stay submerged for as long as it takes for the grain to show. Rinse well, sand and polish to find some extremely interesting pieces.

from SCRIBE CD 2009 via Beehive Stager 1982, via The Rockhound Gazette 12/98

Dopwax Substitutes, by John McGauchie

With the coming of the colder months, the water supply to our capping machines gets so cold, dopwax becomes a very poor method of securing stones to dopsticks. I have been driven crazy by stones crashing to the bottom of the machine within seconds of grinding!

Wood Glue

Two alternative dopwax substitutes are suggested here. The first is suggested by Lee Aaron. He uses wood glue such as Elmer's to fasten the stone and stick together. Removal of the stone after cutting and polishing is accomplished by soaking the work piece in warm water to dissolve the glue.

Hot Melt Glue

The second method, which I use, is to substitute hot melt glue for dopwax. The stick of glue can be used in the same way as dopwax, melting it with an alcohol lamp or as I do, a heat gun. I do not use a dopwax pot but I am sure that it could also be used only after thoroughly cleaning out any traces of dopwax.

Leave a cushion of 1/10th to 1/8th inch of glue between the stone and the stick. It allows a little flexing to take place and results in a more reliable bond.

A couple of words of caution: hot melt glue is slightly combustible, but is no great hazard. Everyone who has used dopwax knows how that stuff sticks to dry fingers and burns something terrible. Hot melt glue is worse! Be sure that your fingers are very wet before molding the glue around the stick.

The stone can be separated from the stick by either cutting it away with a sharp pocket knife or by remelting the glue by applying gentle heat to the stone. Traces of glue adhering to the stone can be removed easily with a pocket knife.

While the author does not proclaim the hot glue method to be perfect, it works a whole lot better than dopwax.

(From The Cowtown Cutter 1/98 via BRECCIA 10/99) via T-Town Rockhound 12/00 via SCRIBE CD 2009]

Bob's Rock Shop on The Web --Billed as "The internet's First 'Zine for Rockhounds," Bob's is an invaluable resource for the modern Gem, jewelry & mineral enthusiast. A true fountain of knowledge, it presents a vast, near endless variety of scientific and hobby related resources, with sponsors links to many useful sites. Home page: //www.rockhounds.com/

HINTS FOR POLISHING JASPER -- Jasper can be troublesome to polish as many varieties are "earthy" and porous, while many others contain hematite.

A good way to test the Jasper is to wet it. If it absorbs water and dries quickly, it will not polish. If it stays wet or does not dry right away, it likely contains a good amount of chalcedony [quartz] and will polish well. [from Rock Licker 12/ 2011]



52nd Annual Gem Jewelry & Mineral Show
April 8, 9, 10, 2011

Application to Display (Check one)

Competition case ___ Yes : Junior ___ Novice ___ Advanced ___
Master ___

Non-Competition case ___ Yes **Special case** ___ Yes

I need a club case ___ *I have my own case ___ I need a liner ___

Please describe the exhibit: _____

Please Check one: Junior _____ Adult _____

Name _____ **Mailing**
Address _____

City _____ **State** _____ **Zip** _____ **Phone** _____

Club _____ **e-mail** _____

Please return this form by March 9, 2011 - NO LATER

Marian Knack, Case Chair
14107 E. Broadway
Spokane Valley, WA 99216
509.926.6444
manack@comcast.net

Information on show hours, setup, security and camping:

- This is a 3-day show beginning at 10:00 A.M. Friday and closing at 5:00 P.M. on Sunday.
- All cases must be ready by the start of the show and remain in place until closing Sunday evening.
- Set-up Time: Thursday Noon to 8:00 P.M. and Friday 7:00 A.M. to 9:00 A.M.
- *If you bring your own case, it and the liner must be:
1 back 23 ½" x 45 7/8" 1 bottom 22" x 45 5/8" 2 sides 22" x 23 ½"
- Lighting will be limited to 150 watts per 4-foot case, 300 watts per 6-foot case.
- Note: Electrical wiring in all cases must be the 3-wire, grounded type.
- Limited camping space is available. Make arrangements at Fair Office

(This form may be copied for additional exhibits)
Use one sheet for each display

Qualified guards will be on duty 24 hours a day from noon on Thursday, March 11.
ROCK ROLLERS WILL NOT ASSUME RESPONSIBILITY FOR LOSS OR DAMAGE TO ANY EXHIBIT.
EXHIBITOR MUST FURNISH HIS/HER OWN INSURANCE IF NEEDED.

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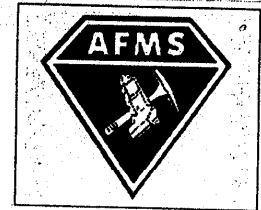
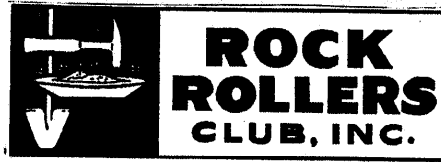
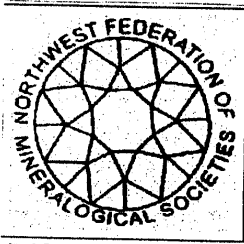
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Admission tickets good for entire weekend

*Advance Tickets available from Inv's Jewelry, Rocks and Gifts~~Munchies
Rock Pile, and Rock Roller Members until April 8, 2011*

Free Parking at the Show

Gerry Pfeiffer- Show Chairman 1-509-294-1927