

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
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SECRETARY..... Janet Ortiz 475-5944
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FEDERATION DELEGATE.....Don Knack 926-6444 manack@comcast.net
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2 YEAR TRUSTEELeon Agee.....276-3992
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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

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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

MARCH 22, 2011 6:00 pm Tues.

9517 E. 4th AVE.

SPOKANE, WA. 99206 JUNIORS 6:00 PM Tues.

BOARD OF DIRECTORS MEETINGSAT. March 19th --10:00 am***SHOW BOARD MEETING Sat. Mar. 19th -- 11:00am9517 E 4th AVE.

SPOKANE, WA. 99206

NEWS TO EDITOR BY APRIL 8thBOARD OF DIRECTORS MEETING -- Feb. 19, 2011 Call to order by President David Rapp

Welcome and Pledge of Allegiance.

News to Editor by Mar. 4th

HOSPITALITY - Steve Livingstone had a Knee Replacement - Mildred Scheel's Son is ill.

LIBRARY - Need policy that after 3 months of missing books there needs to be a policy to suspend Library privileges. Need to get some missing books back.

Kathleen Govett will help Marian Knack in the Library.

NEW BUSINESS -- Will clean out all things and take to the show [Show date. Apr. 8,9,10]

Del Vrolson donated rock equipment from his estate .

There are open dates for Field Trips, Mike Shaw. Saddle Mt. trip is Apr. 16th.

*****Lapidary Classes closed on April 4,5, and April 11.

SHOW BOARD MINUTES , Feb. 19th**March 19th is date to stuff Grab Bags. Time 12:00 pm --- Pot Luck of Snacks etc.**

Grab Bags are still priced at \$1.00. Rita French sewed Lots ?? of bags. Has done this for years.

Case favors are ready.....

Angela Martin is a "Beader" & is doing Lapidary. Will be asked to demonstrate.

GENERAL MEETING -- MINUTES, - Feb 22, 2011 Call to order by President David Rapp

Welcome and Pledge of Allegiance.

PROGRAM -- How you used your auction item you purchased?? No response!

What did you do with them??

Bev Bockman gave a program on Lapidary Identification.

SCHOLARSHIP -- Recipients were: David Kimbro, Carie Thrapp, Randy AndersonMINUTES - Approved as printed in BulletinTreas. Report -- Bev BockmanLIBRARY -- Marian Knack. Kathleen Govett has agreed to assist with the Library. There was mold on some of the books. They will be working on the Library.FIELD TRIPS -- Are being worked on. See page 5SHOW BUSINESS -- Gerry Pfeiffer -- Members will fill Grab Bags on March 19th at noon [12:00pm]

Will have Snack Potluck!

Main door prize is on Sunday night.-- Leon brought back a Cathedral Amethyst from Arizona.

APRIL, Tues 5, Wed.6, Thur,7--We bring Potluck for the day workers Lunch. Sign up.**ALSO -- Thur., April 7th -- POTLUCK SUPPER -- for workers and dealers --****Club provides Some of food [main item] and members bring Salad, Deserts, etc.**Misc. Club NEWS -- If you are missing your badge, there are some available. Business cards are available. See Marian Knack.

Are you saving your commemorative Stamps?? There is a box at Hospitality Desk

NO LAPIDARY CLASSES -- April 4,5 and Apr. 11 Due to show.

Secretary, Janet Ortiz

SHOW CASE INFORMATION

CASES

- Cases are provided. Liners are included.
- You may load the case on Thursday from noon until 8:00p.m. and Friday until 9:00a.m.
- Case chair and others will be there to help.
- You may put your name but not a business card in the case. This is not always wise since thieves can find your home if you are in the phone book.
- Dealers may include a business card.
- No case may be opened after 10:00a.m. Friday without the Case Chair and a fair guard unless you have given the Case Chair a written slip "**not to open unless you are present**".
- If something happens in your case that needs correction (a label slips or something similar), one of the case workers, accompanied by a fair guard, will open your case and make the correction. If the problem is of a serious nature you will be contacted before opening the case.

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FILLING THE CASE

- Bring a Phillips head screw driver, pins, tape, etc.
- Pick up your name tag as soon as you enter the building, probably at the demo table.
- Lean the glass against the table so it does not fall. Don't put it in front of someone else's case.
- Clean, polish or dust specimens. Use silicone cloth or paper just before placing them in the case.
- A thin glove protects from finger prints.
- Don't crowd the case.
- Arrange items so the eye travels from one piece to another or one group to another.
- Labels should be readable, same size and font, typed if possible. In as much as you know, state what it is, what it's made from and where it came from. Ask knowledgeable members to help you.
- No selling is to be done from your case.

TAKE DOWN

- Wear your name tag until you leave the building for the last time.
- If you bring helpers, they must get a helper name tag at the ticket booth when they enter.
- Do not open your case until the Show Chair announces that the show is closed.
- Do not leave your case unguarded while open.
- Take down people will be waiting to take down cases and tables and are waiting on you.

Library: Marian Knack

Kathleen Govett has consented to help me with these two committees. Thanks, Kathleen, I really appreciate your help.

LIBRARY – Marian Knack

Kathleen and I completed an inventory of the library and found we have the following books missing. Please check and see if you have them. These books have not been checked out.

- #125 Gem Tumbling & Baroque Jewelry Making 2nd edition.
- #158 Gems & Minerals of the Bible.
- #206 Gemstones of the World.
- #213 Dept. Oregon Geology – Meteorites.
- #260 Identification of Meteorites.
- #305 How to Repair Jewelry.
- #326 Minerals, Rocks & Fossils

NOTE -- Someone has taken CD2 - Instructions to build a Rock Table. Whoever took it out did not sign the take-out card. Will that person please bring the CD back. It has been missing for some time now. Marian.

NORTHWEST GEM & MINERAL SHOW

April 1,2	Panorama Gem & Min.	Fort Colville Grange Hall	Colville, Wa.
April 8,9,10	Rock Rollers Club --	Spokane Co. Fair & Expo Center	Spokane, Wa.
April 15-17	Willamette Agate Min. Soc.,	Polk Co. Fairgrounds,	Rickreall, Or.
April 16-17	Yakima Rock & Min.	Yakima Nat'l Guard Armory,	Yakima, Wa.
April 16,17	Lakeside Gem & Min.,	Benton Co. Fairgrounds,	Kennewick, Wa.
April 16,17	Idaho Falls Gem & Min.	Idaho Falls Recreation Center,	Idaho Falls, Id.

[For more information see Current Northwest Newsletter]

Huge Gold Nugget Found In Sierra Up For Auction

Some 150 years after the forty-niners rushed west in search of riches, a new gold discovery in the Sierra Nevada is stirring excitement. A 100-ounce nugget, found by a man last year on his property near Nevada City, Calif., is expected to fetch between \$225,000 and \$400,000 when it goes up for auction March 15 in Sacramento, Calif.

Fred Holabird, a mining geologist whose Reno-based company is one of the country's largest sellers of Western Americana and is handling its sale, thinks it's the largest Calif. Gold nugget left in existence. Virtually all of California's gold fields have been thoroughly combed by miners, he said, and other monster nuggets from the Golden State have been melted into ingots for money. While bigger nuggets have surfaced in Australia in recent decades, no similar-sized placer nuggets from California have turned up in museums, he added.

The Smithsonian institution's largest placer nugget from California weighs about 80 ounces. "The chances of finding something like this anymore are beyond remote. It could be one in a trillion." Holabird said.

The man was using a metal detector in an unmined ancient stream bed near the old Mother Lode mining camp of Washington when he stumbled on the nugget in February 2010. The Union of Grass Valley, Calif. has identified him as San Francisco businessman Jim Sanders.

The so-called Washington Nugget is thick and oblong, and resembles a "squished loaf of bread," Holabird said, adding it was found in the same area where hydraulic mining was invented in the 19th century. A lack of records makes it difficult to determine how the nugget compares in size historically, and said John Clinkenbeard, senior geologist with the California Geological Survey in Sacramento. But he said he's unaware of any similar 100-ounce placer nugget being found in California in recent decades.

"I can't put a numerical value on how rare it is to find a nugget like this," Clinkenbeard said. "All I know is that large nuggets are very rare and your odds of finding one aren't very good"

By Martin Griffith *The Associated Press Posted: 01/09/2011 [from Pegmatite 2/2011

<u>Date</u>	<u>Site</u>	<u>Meet@</u>	<u>Material</u>	<u>Tools</u>
4/16	Saddle Mountain	8 am Sprague Lake Rest Area	Petrified Wood	Digging Tools
4/30	Rock 'n' Tomahawk Ranch	8 am Sprague Lake Rest Area	Ellensburg Blue Agate	Light tools
5/??	TBD			
5/21&22	Wasco, OR	See Notes	China Hollow Jasper	Digging Tools
**5/27-30	Hampton Butte	8 am Goldendale, WA	See below	Lots
*6/11	Emerald Creek	9 am Emerald Creek, ID	Star Garnet	Lunch, water, baggie
7/16	Omak, WA	TBD	Thulite	Hard Rock, lunch
*7/16	Wenatchee Lake	9 am Wenatchee	Garnet, Soapstone	Screens, waders, saw
*7/23&24	Lolo Pass	9 am Lolo Pass Ranger Station	Smokey Quartz	Heavy Digging
*8/6	Timberwolf Mt.	9 am Naches Ace Hardware	Included Quartz Crystals	Dig, Hard Rock
8/??	TBD			
*9/10&11	Red Top Mt.	West Fork Teneway Camp	Geodes, Agate, Jade	Dig, Hard Rock
*9/17	Little Naches	9 am Enumclaw Ranger Station	Thundereggs	Digging Tools
*9/24	Wasco, OR	See Notes	China Hollow Jasper	Digging Tools
*10/1	Red Marble, Edna Mine	9 am Chewelah Safeway	Magnetite, Pyrite, Serpentine	Dig, Hard Rock
*10/??	TBD			

*The tips marked with an * are trips are in conjunction with the Washington Mineral Council.

**The Hampton Butte trip is the Rockhound Rendezvous sponsored by the NFMS. Green Petrified Wood from Hampton Butte, Glass Butte Obsidian in many varieties, and Green and Pink Limbcasts from the Pauline area. There are many other opportunities for collecting nearby.

The 2 trips to Wasco, Or are limited to 30 people total, and many other clubs statewide are included in that 30 person limit. May's trip is already filled Expect only a portapottie, no children and hard digging.

TBD (To Be Determined) Any suggestions for field trips are welcomed.

Updates and changes will be published in the monthly newsletter whenever possible. It can be found at www.rockrollers.org. Sometimes changes occur after the publishing deadline, so to be safe, contact Mike Shaw before each trip.

Contact Mike Shaw at 509-244-8542, cell 509-251-1574 or mikeshawmoose@yahoo.com for information on any Sign up sheets are available before each trip at the clubhouse, or contact Mike to be included.

UPCOMING APRIL FIELDTRIPS

Our field trip season is kicking off in April, and we have two nice ones scheduled. The first will be to Saddle Mountain to collect petrified wood, with a stop at the diatomaceous earth quarry near George to collect common opal. We will meet Saturday, April 16th at the Sprague Rest Area at Milepost 242 just about 1/2 hours drive west of Spokane on Highway 90. From there we will head for Mattawa and go up Saddle Mountain. The road up the mountain is rough, but any car should make it up. Bring digging tools and something to put your treasures in.

Our second field trip is to the Rock 'n' Tomahawk Ranch just outside Ellensburg. They charge \$5.00 apiece per day to look for Ellensburg Blue Agate. It's the rarest (and most valuable) agate around. It's very rare, but you'll come home with some other nice rocks in your bucket, and you may get really lucky. We'll meet at the same Sprague Lake Rest Area at 8 am, Saturday April 30th. From there, we'll drive to Ellensburg and on to the Rock'n' Tomahawk Ranch. There's the Ellensburg Agate and Bead Shop, the Gingko Petrified Forest Museum in Vantage, and a great little rock shop next to the museum that sells some nice petrified wood for \$1.00/lb. If anyone wants to make any side trips on the way home or are just in the area some other time.

Please sign up for these trips at the club, or notify Mike Shaw at 509-244-8542 or mikeshawmoose@yahoo.com to let us know you're going. A cell phone number when you sign up is a great way to keep from getting separated on the trip

TURQUOISE: By Leon Gilmore

Its chemical composition is copper aluminum phosphate.

Natural turquoise is any turquoise that has not been altered in any form. The test for this is a touch of ammonia at the back of the piece to be tested. Natural will turn white.

Enhanced turquoise is a hard turquoise with poor color. It is electrochemically treated by being placed in a bath much like a plating solution and then treated. The test for this material is a touch of oxalic acid which will turn the turquoise white.

Stabilized turquoise makes up ninety percent of turquoise mined today. It is chalk turquoise that has been stabilized by drying and then placing it in a vacuum chamber and pulling a vacuum, then flooding the chamber with an epoxy material, generally , clinoepoxide, then pouring off the excess and flooding it with a setting mordant and pressurizing the chamber to force the mordant into the turquoise to set up the clinoepoxide so the turquoise won't absorb oils or break easily.

Color enhanced and fracture sealed are these types of turquoise. Color enhanced has a little dye added to improve the color. Another form of stabilization is the use of sodium silicate, commonly called whaterglass, in which dried turquoise is soaked and pressured in the sodium silicate. This allows the silicon to crystallize in the interstices of the turquoise, making it much harder.

Reconstructed turquoise is a chalk turquoise which has been crushed, has resins and dyes added, and the mixture is compressed into a solid block.

Synthetic turquoise can be made, but is very rarely found in commercial material. It has all the physical properties and chemical composition of the natural. It is generally made as a powder and then pressed into a block.

Imitation turquoise is anything else used to imitate turquoise.

Other processes for changing the color of turquoise:

The Navaho method: Boil the turquoise in mutton fat causing the turquoise to turn to a green color. The Navaho consider the blue turquoise as male and green as female.

The Hippy method: Take a blue ball point pen and dissolve the ink in alcohol and then dye the turquoise.

The Chemical process method: Soak the turquoise in potassium ferrocyanide and then soak it in a second solution of ferric ammonium citrate. This is also called the blue print process.

Backed turquoise is turquoise which has been set on Devcon or some other substance to make it thicker and stabilized it to keep it from breaking. Usually used on stabilized turquoise and on small pieces of natural turquoise to provide a flat back so that it may be cut easily.

(Source: Cherokee Rouchhound, no date; The Voice, Jan 2011)[Via The Glacial Drifter 2-2011]

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