



ROCK TALK

White Mountain Gem & Mineral Club
Member of RMFMS and AFMS

Volume13 Issue 11 November 2009

Elected Officers

President	<u>Pete Scholten</u> (928) 537-1874
Vice President	<u>David Bingell</u> (928) 367-4062
Secretary	<u>Tonie MonDragon</u> (859) 338-2296
Treasurer	<u>Larry Legge</u> (928) 537-2524
Editor	<u>Charlene Bingell</u> (928) 367-4062
Field Trip Chairman-	<u>Eunice McQuiston</u> (928) 536-7209

Board Members:

<u>Laura Scholten</u>	(928) 537-1874
<u>Kathleen Varhol</u>	(928) 368-9556
<u>Ursula Wilson</u>	(928) 532-5703
<u>Nanz Marshall</u>	(928) 537-2524

Volunteer Positions:

Show Chair	<u>Open</u>
Advertise & PR	<u>Open</u>
Librarian	Jan Pertruzzi (928) 368-4688
Door Prizes/50-50 Raffle	<u>Kathleen Varhol</u>
Auctioneer	<u>Bill Stalder</u> (928) 368-4496
Highway Clean Up	Nanz Marshall (928) 537-2524
Coalition Trips/Historian/Sunshine	<u>Eunice McQuiston</u> (928) 536-7209
Education (Schools/Libraries)	<u>Open</u>
Web Master	<u>Ron Dale</u> Ron.bunnie@gmail.com

President's Message

November 2009

Hello all,

The year is drawing to a close with only one more meeting, which is our annual holiday party. I hope you will be able to attend as it is always a lot of fun. You have probably already seen the message from Charlene if you get email but if not contact David, our vice president on what you will bring as it is a potluck and will be held at JB's restaurant.

Let me thank all of the officers for next year as without the officers our club won't function. Although we have all of the offices filled this year please think about what you can do to help out even if it is just for one month leading a field trip. Speaking of which Eunice has again done a fantastic job and November's field trip is a mystery trip to four locations. This sounds way to interesting to miss.

If you are not serving as an officer or filling a volunteer position please consider it for the future. This is a fun club to be in and all of the positions need help so jump in and give a hand and take some of the load off of those who have done so much for this club.

Here's hoping the weather, knock on wood, will hold and we have weather to get out there and collect some more specimens for our collections, to give as gifts to a friend or child or donate to a school.

Have a great month everyone,
Pete

"Rock Talk" is published monthly by The White Mountain Gem & Mineral Club, Inc. Any comments members wish to have published in "Rock Talk" need to be turned in or called in at the general membership meeting to the Editor. Membership dues are \$15.00 for single membership and \$20.00 for couple/family. Dues are due the first of January of every year along with a completed application. Meetings are held at J.B.'s Restaurant on the Deuce of Clubs, Show Low, AZ., 1st Tuesday of the month, social hour starts at 5:30/meeting at 6:30.

Meeting Minutes

Minutes of General Meeting
White Mountain Gem & Mineral Club
November 3, 2009

President Pete Scholten called the meeting to order at 6:35 p.m. There were 20 members present and two guests, Tom & Karen Mealy who moved here from Bullhead City, and they later joined the club.

A motion to approve both the October General Meeting Minutes and October Board Meeting Minutes, as published, was made by Nanz Marshall and seconded by David Bingell. The motion was approved unanimously.

Pete made announcements regarding upcoming shows and events. . The Lake Havasu Club show is November 14-15, 2009, The New Mexico Tech Symposium in Socorro will be November 14-15, 2009 and Nanz Marshall has applications. The Arizona Mineral and Mining Foundation Show (formerly the Flag Show) is being held January 8-10, 2010. The Tucson Show will run at various locations January 30-February 14, 2010.

Pete called for Officer and Board reports. Vice President David Bingell said that Jan Pertruzzi will be assisting him with the educational programs every third month. David also said he would continue to pursue the video about the Tucson Show that was discussed in a prior meeting.

Charlene Bingell, Editor, stated that she would have a newsletter theme about unusual gems and mineral and she was making corrections to some addresses phone numbers on the roster.

Field Trip Chair, Eunice McQuiston stated that the October 24th Coalition trip was to Sharp Creek but we had no members there so there are no details. The next field trip is November 21st and it will be to 4 places owned by private landowners and more details would be in this newsletter. The first location will be listed and a map will be handed out there to the second location, and so on. Eunice

also reported there is a new rock club in Arizona, the Verde River Rockhounds and their newsletter is Gneiss Gnus. They do not propose to have an annual show, and will simply concentrate on field trips and lapidary.

Larry Legge gave the Treasurer's report and said he had a few things to bring up under new business.

Board Member Nanz Marshall reported that she had been contacted by Steve Knudson, Advisor of the Blue Ridge Jr. High Science Club, for a rock hound site where they could bus students and she offered them the information for J. H. Dobel Ranch near Holbrook.

Under Old Business Pete inquired and was advised we had a quorum and called for ballots. Twenty-one ballots were tabulated by Pete and Sandra Angelo and all the candidates were confirmed for both elected positions and volunteer positions. We are still lacking a Field Trip Chair. Next Pete called for a motion on the Bylaw revisions. Ron Dale made the motion and it was seconded by George Stokes to accept the Bylaw revision as published in the newsletter. It was approved unanimously.

Under New Business Larry Legge reported that we could have a contract with Blue Ridge School District for the 2010 show at a cost of \$804.00. That is \$600 for the use of two rooms, \$120 and \$84 for utility surcharge and custodial service. The show would be at the new school location on Porter Mountain Road. A motion was made by Tonie MonDragon and seconded by Karen Stokes to have Larry (as Show Chairman) proceed with the contract. It was approved unanimously.

Next Larry brought up the Christmas Party to be held at the December 1st meeting. Larry has spoken with the manager of JB's and arranged a hold for our meeting room for that night and permission for the Club to have a Pot Luck. The cost would be \$50 for place settings and cleanup (which was already budgeted). A motion was made by Tonie MonDragon to use JB's for a Christmas Pot Luck and seconded by Eunice McQuiston. The motion passed with one no vote from Laura Scholten saying she would have liked to have it at her house.

Eunice stated on behalf of the Club that we appreciated the Scholten's hosting prior Christmas parties, but this way the Schulte's could take a break and enjoy themselves. Members are to call David Bingell to give him numbers attending and what dishes they would be bringing. There will also be our traditional gift exchange and members can bring a wrapped gift that is rock related worth up to \$10 for the exchange.

Next Larry brought up the subject of the storage unit and that he thought the price was going up from \$80 to \$120 a month. He was told this by an employee at the units but he will check with the owner and explore other storage unit options and report back. The increase would be in January.

At 7:25 p.m. Pete called for a 10 minute recess and the meeting resumed at 7:35 p.m. with David Bingell's educational presentation, a continuation on the theme of caring for gemstones and jewelry. David talked about problems with preserving jewelry that are in an area infested with rodents and insects. David also discussed the problems of conserving articles in the presence of air borne chemicals and gasses and gave out a guide sheet on caring for and storing jewelry and mineralogical specimens.

Prizes were drawn next with Nanz winning the door prize and Linda Stalder winning \$12 in the 50/50 drawing. Other winners in the 50/50 were Charlene for a citrine specimen and David for 2 window charms made by Karen Stokes. A motion to adjourn was made by Eunice McQuiston and seconded by Jan Sandberg, then approved unanimously. The meeting adjourned at 8:20 p.m. and the silent auction concluded 3 minutes later.

Respectfully Submitted,

Tonic MonDragon, Secretary

Next Meeting

Mark your calendars: Our meetings are always the first Tuesday of the Month- Next month will be December 1st - at JB's Restaurant on the Deuce of Clubs in Show Low- social hour starts at 5:30 meeting starts promptly at 6:30 PM- This is our HOLIDAY/CHRISTMAS Party- Potluck Meeting- Please call David Bingell 367-4062 with how many people will be coming and what you will be bringing. JB's has asked that we purchase a drink for them and they will provide dishes and silverware and clean up. If you also would like to participate in the gift exchange please bring a rock related gift no more than a \$10 value- it is a lot of fun- come and celebrate the joys of the season!

Web Site information:

whitemountain-azrockclub.org

Contact Ron Dale if you have any questions about the website.

Birthdays

Happy Birthday November and December Babies!- We only have today - this moment in time- so CELEBRATE! No matter what your age!

November

Bernie St John -29

Curtis Kelly- 15

December

Ernie Barbee - 2

David Bingell - 10

Norma J. Clark - 12

Nancy Frampton - 4

Diane Murphy - 30

Robert Stalder - 2

Lynne Wheeler - 26

Larry (Rick) Haase- 21

FIELD TRIPS

Field Trip Report- October 24th Coalition Trip to Sharp Creek Area Sponsored by Apache Junction Rock Club – Harry Warren Leader

I have nothing to report although I am hoping that some of our club members were able to make this trip. I am sure all that went had a good time and I hope that those who did found many treasures.
Eunice

Field Trip – November 21, 2009

This month's trip will take you no farther than 20 miles from the Show Low area although some back tracking will be involved. It will cover four sites- the Flats, Mount Dragon, Shady Pines and the Rolling Hills. At each site, you will find something different. A map to the first site will be included in this newsletter- see Map for November 21st field trip on the last page of the newsletter. The following are the particulars:

Meet at: First site "The Flats" (see map on last page of newsletter)

Time: 9:00 AM – leave at 10:30 at which time you will get a map to the 2nd site. You will have an one and half hours at each site.

Level of Difficulty: 0

Vehicle: Any vehicle

What to bring: Your social skills

Weather Conditions: RAIN or SHINE (if there is snow or ice, trip will be cancelled)

Food: Sweet rolls- coffee-juice will be provided at the first site

Rewards: If you complete all sites, your name will go into the pot for a "special" drawing which will take place at the fourth site. You will be given a

sign off sheet in the beginning when you receive you map to the second site. Also, if you visit all the sites, your name will go into the pot four times for the bonus prize drawing at the Christmas Party in December.

Have fun and enjoy your friends/rockhounds.

Any questions: please call me –Eunice (928)- 536-7209

Coalition Trip for November

I just got back into town and evidently Greg Waldon didn't get my forwarded e-mail from you concerning the November coalition trip.

The November trip will be to the Burro Creek area for pastellite and bacon agate. We will meet at 9:00 at the McDonalds in Wickenburg on Saturday the 28th. Greg Waldon, our trip leader, won't be able to attend due to a prior commitment, however we will have a trip leader along. You can direct any communications about the trip to me at my e-mail address or my phone at 623 584-7992. The area is fairly easy to get to and has ample parking with lots of material for a large group to collect. For any more detailed information you can contact Greg Waldon at rhody@cox.net.

Bill Blakley

Roster Updates:

Will be available on our website- password is given to members only. Please Contact Ron Dale our webmaster for your password to access the membership roster. Updates are coming....

Rock & Gem Shows

November:

13-15--COSTA MESA, CALIFORNIA: Show, "West Coast Gem & Mineral Show - Fall"; Martin Zinn Expositions; Holiday Inn - Bristol Plaza, 3131 S. Bristol; Fri. 10-6, Sat. 10-6, Sun. 10-5; free admission; 80 wholesale and retail dealers, open to the public; contact Martin Zinn Expositions, P.O. Box 665, Bernalillo, NM 87004-0665, fax (505) 867-0073; e-mail: mz0955@aol.com; Web site: www.mzexp.com

13-15--SACRAMENTO, CALIFORNIA: Show, "Sacramento Harvest of Gems"; Sacramento Mineral Society; Scottish Rite Temple, 6151 H St.; Fri. 10-6, Sat. 10-6, Sun. 10-5; adults \$5, students and children \$1; kids' scavenger hunt, speakers, rocks, gemstones, fossils, mineral specimens; contact Kevin Beguhl, 8516 Madison Ave., Fair Oaks, CA 95628, (916) 967-4000; e-mail: kevin@katerinatreasures.com; Web site: www.sacramentomineralsociety.com

14-15--VICTORVILLE, CALIFORNIA: Annual fall show; Victor Valley Gem & Mineral Club; San Bernardino County Fairgrounds, 14800 7th St.; Fri. 9-5, 9-5; free admission; open to the public, more than 20 vendors, gemstones, finished jewelry, wire wraps, findings, fossils, minerals, rough, cab and slab materials, displays, exhibits, live demonstrations, hourly door prizes, end-of-show raffle, silent auction, kids' grab bags, Scout geology seminars; contact Virgil Melton, (760) 900-0507; Web site: www.VVGMC.org

14-15--YUBA CITY, CALIFORNIA: 18th annual show, "Festival of Gems & Minerals"; Sutter Buttes Gem & Mineral Society; Franklin Hall, Yuba-Sutter Fairgrounds, 442 Franklin Ave.; Sat. 9-5, Sun. 9-4; free admission; children's spinning wheel, grab bags, silent auction, dealers, exhibits; contact Bruce Roberts, P.O. Box 360, Browns Valley, CA 95918, (530) 675-2864; e-mail: inez_brg@Yahoo.com

20-22--ALBUQUERQUE, NEW MEXICO: Retail and wholesale show; Bead Renaissance Shows; New Mexico State Fairgrounds, 300 San Pedro; Fri. 10-6, Sat. 10-6, Sun. 10-5; free admission; bead artists, dealers, ancient,

vintage, contemporary and designer beads, jewelry, tools, books; contact J&J Promotions LLC, P.O. Box 420, Williamsburg, NM 87942, (575) 894-1293; e-mail: beadshow@aol.com; Web site: www.beadshow.com

20-22--SAN FRANCISCO, CALIFORNIA: Gem Faire; Gem Faire Inc.; Fort Mason Center/Herbst Pavilion, Landmark Building A; Fri. 12-7, Sat. 10-6, Sun. 10-5; \$5 weekend pass; contact Yooy Nelson, (503) 252-8300; e-mail: info@gemfaire.com; Web site: www.gemfaire.com

28-29--MONTEREY, CALIFORNIA: Gem Faire; Gem Faire Inc.; Monterey County Fairgrounds, 2004 Fairground Rd.; Sat. 10-6, Sun. 10-5; free admission; contact Yooy Nelson, (503) 252-8300; e-mail: info@gemfaire.com; Web site: www.gemfaire.com

28-29--SAN FRANCISCO, CALIFORNIA: Show, "The Great San Francisco Crystal Fair"; Pacific Crystal Guild; Fort Mason Center, Bldg. A, Laguna and Marina Blvd.; Sat. 10-6, Sun. 10-4; adults \$6, children under 12 free; gems, jewelry, crystals, beads, psychics; contact Jerry Tomlinson, (415) 383-7837; e-mail: sfxtl@earthlink.net; Web site: www.crystalfair.com

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4-6--SANTA BARBARA, CALIFORNIA: Gem Faire; Gem Faire Inc.; Earl Warren Showgrounds/Exhibit Hall, 3400 Calle Real; Fri. 12-7, Sat. 10-6, Sun. 10-5; \$5 weekend pass; contact Yooy Nelson, (503) 252-8300; e-mail: info@gemfaire.com; Web site: www.gemfaire.com

5-6--COLORADO SPRINGS, COLORADO: 46th annual show; Colorado Springs Mineralogical Society; Phil Long Expo Center, 1515 Auto Mall Loop; adults \$5, seniors and kids 6-15 \$3, children under 6, uniformed Scouts and leaders, active military with ID free; dealers, rocks, gems, fossils, jewelry, silent auction, exhibitors, gold panning demonstrations, door prizes, kids' area; contact Ronald Yamiolkoski, (719) 488-5526; e-mail: info@csms.us; Web site: www.csms.us

To see the rest of the scheduled shows go to - <http://www.rockngem.com/showdates.asp>

Please visit the website listed under Web Site Information in this newsletter to see if you can access the newsletter via the website- lets go PAPERLESS AND BE GREEN!

Education information:

Introduction in Caring for Jewelry

Caring for something as precious as jewelry is not an easy topic to cover. There are many things to consider when caring for jewelry, or any collection of any kind. Here is a list of supplies to make small pillows to rest at the bottom of your jewelry drawer or specimen container:

2	100% natural cotton pillow cases	2-3	yards of 100 % natural cotton fabric
1-2	yards of 100% natural cotton fleece	1	small plastic garbage bag
1	spray bottle	1-5	gallon(s) of de-ionized distilled water

Step One:

Wash your washing machine, lint catch, and dryer, using ONLY the de-ionized distilled water. Do not use detergents, and then wash and dry the fabric items, but not the fleece. Do this two more times; wash each machine, and then wash and dry the fabrics. No line-drying as pollen and dust can become embedded into the fabric and scratch your jewelry.

Step Two:

Cut one yard of fabric, fold and place it in the garbage bag, do not knot it; simply slide it into one of the pillowcases. This is extra material for your use as needed. The other pillow case should be marked with a small safety pin or a small mark made by sewing cotton thread. Keep this bag next to where your jewelry is, and it will be used in the near future. Change plastic bag every 6 months.

Step Three:

Make small squares from the cotton fleece. Using the other yard or so of cotton fabric, measure out the proper width to make a pillow with the cotton fleece, but measure additional length to cover over your jewelry. For example; if the box within the tray is 4 inches, then cut the cotton fleece to 3 7/8 inches square, and the fabric out to 4 inches x 9 inches. Sew or just place the fleece into the box on the tray, and then put the center of the fabric over the top of the fleece. Fold the two ends of the fabric over the jewelry. Change out every year on anniversary. By the way, **CHECK ALL PRONGS ON YOUR WEDDING SET WITH AT LEAST 10x LOUPE ON YOUR ANNIVERSARY**, other pieces should be checked on your birthday.

Step Four:

Please cut the rest of the cotton fabric into as many different sizes of cleaning cloths that you may want or need. Keep them inside your pillow case that has the extra fabric and fleece, but also keep a supply next to your jewelry case, along with a bottle of de-ionized distilled water. **SPRAY THE CLOTH ONCE** when you take your jewelry off, and gently **PULL** your jewelry through the crease located in the lightly damp cloth. In the case of pearls or other large beads, turn the fabric to its other side, spray it once lightly, and clean the other side of the pearls from the other direction. Allow to dry completely. All jewelry should be cleaned lightly after you wear it.

Step Five:

NEVER CLOSE UP YOUR WOODEN JEWELRY AMOIRE. Wood off-gasses and can tarnish your jewelry faster than the water. De-ionized distilled water has more cleaning potential than any jewelry cleaner.

David Bingell



Diamond Mineral Facts:

Chemical Formula: C - The Mineral is essentially pure Carbon -Colors: Most diamonds are of industrial quality and therefore dark and opaque, or, at most, translucent. However purer stones are also found, these include gem quality stones. These are transparent and colorless or nearly so. Gem quality stones of gray, brown, green, yellow, blue and red tinted stones are also known, and, with the exception of the blue and red diamonds, these other colors are more common than the colorless, or so-called white stones. -

Hardness: 10 - The hardest natural substance known.

Though diamond is rated at a hardness of 10, the hardness of diamonds varies somewhat depending on the direction of testing, that is it is harder in some directions than others. Diamond cutters make use of this differential in polishing the gems.- **Density: 3.5-**

Cleavage: Perfect cleavage parallel to the octahedral faces. -**Crystallography: Monoclinic**

The diamond is usually found in distinct crystals or in irregular masses, varying in size from a pin's head to a robin's egg. In some cases large individual pieces are found but they are exceedingly rare. -**Luster:** Vitreous

Composition, Structure and Associated Minerals:

Diamond has a very strong dispersion of light. In consequence of their strong dispersion, the reflection of light from the inner surfaces of transparent stones is very noticeable, causing them to sparkle brilliantly, with a handsome play of colors. It is this latter fact and the great hardness of the mineral that make it the most valuable of the gems. Electrified by friction and becomes phosphorescent when rubbed with a cloth.

Some stones after exposure to sunlight give off a phosphorescent glow in the dark. The mineral is a nonconductor of electricity. Three varieties of the diamond have received distinct names in the trade. These are:

Gem diamonds, which are the transparent stones;
Bort, or Bortz, gray or black translucent or opaque rounded masses, with a rough exterior and the structure of a crystalline aggregate; and
Carbonado, black, opaque or nearly opaque masses with a crystalline structure, but no distinct cleavage.

Identification and Diagnostics

Diamond can be distinguished by its great hardness, its adamantine luster and its octahedral cleavage. Burns at a high temperature to yield CO₂ gas, leaving no ash. Will burn readily in oxygen gas, giving off a brilliant light. The only minerals with which diamond is liable to be confused are much softer, and, consequently, there is little difficulty in distinguishing between them.

Occurrence, Localities and Origins:

Because of their durability, diamonds are found as placer deposits in clay, sand or gravel deposits or in the rocks formed by the consolidation of these substances. In placers they are associated with gold, platinum, topaz, garnet, tourmaline and with other heavy minerals. Historically, the placer diamond mines of Brazil, India and Borneo were very productive, the famous Golconda district in India for a long period furnishing most of the gems to commerce. - The African mines were opened in 1867. Since this time they have been major producers of gem material for the world. It is estimated that the quantity of uncut diamonds yielded by the mines near Kimberly alone have amounted in value to the enormous sum of \$900,000,000. For many years the output of the African mines was over 95 per cent of the world's output of gem material. The diamonds are found in a kiberlite which occurs in the form of volcanic necks, or "pipes," cutting carbonaceous shales. The igneous rock is much weathered to a soft blue earthy mass known as "blue ground." Near the surface where exposed to the weathering action of the atmosphere the rock is yellow. The diamonds are scattered through the weathered material in quantities amounting to between 0.3 and 0.6 carat per cubic yard.

More information on Diamonds:

http://nevada-outback-gems.com/mineral_information/diamond_mineral_info.htm

White Mountain Gem & Mineral Club
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Member:
Rocky Mountain Federation
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