

The Sooner Rockologist

Vol. 64 Number 9

October 2009

Oklahoma Mineral & Gem Society Purpose

- The purpose shall be an educational relationship among the members for the study of rocks, gems, minerals, fossils, and lapidary techniques, and for the exchange of the results of such studies and classifications with similar societies and the public. (We have fun, too!)

Membership & Meetings

General Membership meetings are held on the third Thursday of each month at 7:00 p.m. (with the exception of June and December when we celebrate with an anniversary picnic in June and a December Christmas party in lieu of regular meetings). Guests are welcome!

On the first Monday of each month at 6:00 p.m. (except on holidays), we meet for a Demonstration & Work Night to give members an opportunity to share information and teach each other and assist each other with various personal projects.

Meetings and work nights are held at the Will Rogers Garden Exhibition Building, 3400 N.W. 36th Street in Oklahoma City. Annual dues are \$10.00 for a single membership and \$15.00 for husband and wife (children also). A \$1.00 per person initiation fee applies to new members, subject to application and approval.

The Oklahoma Gem and Mineral Show 2009 “River of Gems”



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2009 Elected Officers

President

Paul Cinnamon 405-262-6715

Vice President

Donna Davis 405-760-6566

Secretary

Jeannie Manners 405-577-2029

Treasurer

David Read 405-789-2997

Board of Directors

One year term:

Vernon Dorton

Wanda Manderscheid

Doyle McCown

Joanne Carroll

Two year term:

Darla Wood

Elaine Welch

John Bode

Appointed Officers & Committee Chairpersons

Anniversary Picnic: Donna Davis

Audio/Video: Tom Manners

Christmas Party: Dottie Smith

Property Custodians: John Bode & Paul Cinnamon

Education: vacant

Federation Activities: Arlene Burkhalter

Field Trips: Ed Vermillion

Historian: Joann Carroll

Hospitality: Ambrosia Geffre

Librarian: Norma Cinnamon

**Meeting Display: Doyle McCown
Billie Marie Nedd**

**Membership: Wanda Manderscheid
Programs: Vernon Dorton**

Parliamentarian: John Bode

Publicity OPEN

FROM YOUR PRESIDENT'S DESK

By Paul W. Cinnamon

We did it!! The show is over and I thank and congratulate each and every one of you, whose participation in one aspect or another combined to make the show an enjoyable and hopefully profitable event. I'd like to thank each of you individually, but I fear this column would be too lengthy, and of course I would forget the contribution of something or someone. I'm certain that I'm not even aware of many things that were done by club members that are deserving of recognition. It required the cooperation and participation of our group as a whole to produce a successful show, and in this year of recession, economic cutbacks, unemployment, etc., I think we can all be proud of our achievement. I do want to especially thank our show chairman, Vernon Dorton. Coordinating the efforts of the various committee chairpersons and those assisting them, and bringing the pieces all together in a timely fashion to produce the desired results required the skills of the maestro of an orchestra, and Vernon kept us on time and in tune.

Until we receive a final accounting from the State Fair, and all the bills have been received and paid, we won't know how we fared financially, but regardless of the final outcome, I am proud of the show we produced.

And now, lets all take a deep breath, relax for a bit and set our sights on our club meeting November 19th, followed by the celebration of Thanksgiving, and our club Christmas Party, December 4th.

Bring A Rock

That's right, you need to "Bring A Rock" to our general club meeting on November 19th if you want a chance to win the door prize. One stone will be selected in a random drawing and the owner will win. What is so special about this is that before your rock is returned Craig Kime will wire wrap it for you. Craig has been wire wrapping for about 26 years professionally traveling to rodeos and horse events in the central and western states. You might have seen some of Craig's work at his booth at our show.

Please remember, don't bring a boulder!!!! Your rock should be small enough to be worn as a piece of jewelry.

HELPFUL HINTS

Before grinding and sanding cabochons, put cold cream on your hands and rub them until they are dry. This fills the pores and cracks in your fingers. When grinding, sawing, or sanding is completed, the dirt can be washed off easily. Good idea for painting also.

Gemstar via Breccia 10/97 From Napa Gems 12/97 via Beehive Buzzer 1/98

Newsletter Editor: Tom Manners
Scholarship: Arlene Burkhalter
Show 2009: Vernon Dorton
Sunshine: Donna Davis
Telephone: Oveta Vermillion
Ways & Means: Dean & Wanda Manderscheid
Doyle McCown
Workshop: Mark Brickmann

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If you have articles of interest that you would like to see printed in The Sooner Rockologist, please be sure to contact the editor.

Please submit your contributions no later than the first of each month. Your submissions may be edited for punctuation, clarity and space. If you have an announcement or a trip report to share, please e-mail me or give it to me at the monthly meetings. E-mail attachments in MS Word are appreciated so as to prevent retyping the information. Unless otherwise noted, articles are written and/or contributed by the Editor.

If you owe membership dues, please mail your check to:

OMGS
Attn: Jeannie Manners
P. O. Box 2084
Oklahoma City, OK
73101-2084

Board Meeting Thursday, October 8, 2009

Members present: Donna Davis, Paul Cinnamon, Jeannie Manners, Vernon Dorton, Joann Carroll, John Bode, Darla Wood

Guests present: Robert Davis, Norma Cinnamon, Tom Manners, Lou Dorton, Oscar Carroll

Chairwoman Davis brought the meeting to order.

Copies of the previous board meeting minutes were handed out. Corrections – the Davises were not on a cruise last month, simply on vacation; the room is rented FOR US for our Christmas party. Joann moved, Paul seconded that the minutes be accepted as read. Approved.

Treasurer's report was read by Paul, and will be filed for future audit.

Correspondence – We have been receiving newsletters.

New member applications – We received an application from Matt Peloquin. John moved, and Vernon seconded that we accept the new members; motion passed.

Old Business – Mark's moving is in limbo. Dottie Smith attended the Rocky Mountain Federation meeting representing OMGS. She won a trophy for her case. The field trip to General Materials has been cancelled. A trip to the Geffre's store may be in January. Arlene has a possible candidate for the scholarship. The historian would like pictures and items for our records, other than obituaries. More brainstorming took place regarding owning a building.

New Business – The transfer of power to the new officers needs to take place efficiently in January.

The report to the RFMS will probably come up next month.

Committees – Show committee – We will look at a floor plan at the end of this meeting.

Ed Vermillion asked to be relieved of his duties as Field trips chairman for the remainder of the year due to family obligations.

Sunshine committee – No news is good news!

Meeting adjourned.

Jeannie Manners
Secretary

OMGS General Meeting Minutes October 15, 2009

Paul Cinnamon, President, called the meeting to order.

The field trip tentatively scheduled for this Saturday is cancelled until further notice.

Wanda Manderscheid introduced our guests: Sandy C., Scott P., Joey G., Shelley, Beverly F., Gustaaf V., Jim D., Erica, Jessica M., Valerie Q., and Tatiana V.

NOTE: We would like to receive input from each and every one of our members on what you would like to see happening during our work night the first Monday of each month, so we can determine who will give instruction in those particular areas of interest. Thank you

A BIG THANK YOU TO EVERYONE WHO CONTRIBUTED TO THIS MONTH'S NEWSLETTER.

Regarding health issues, Donna Davis is on our sunshine committee. She said she hasn't been receiving any notifications lately of folks being ill or having difficulties. In that regard, no news is good news!

But if you don't know who to contact to tell about these things, she is the person. She asked that I be sure to remind everyone.

Her phone number is 760-6566, and her e-mail is

robertdavis3@cox.net.

Please be sure to keep her abreast of these issues so our club can help out if needed. Thanks!

Announcements: Our show will be at the fairgrounds November 7 & 8. There is a silent auction in the back that you can place a bid on. The library is open and members can check out books and there are magazines for sale to guests and members. Donna Davis takes orders for name tags.

John Luna made a motion to accept the September minutes as published in the *Rockologist*, John Bode seconded, motion passed. David Read gave the treasurer's report which will be filed for future audit.

Correspondence: We have received newsletters from other clubs.

Displays: Doyle McCown told about the displays brought by Sebastian and Ambrosia G., Larry S., Dottie S., Doyle, and Bernie P. There is also the club's display of Oklahoma minerals.

New Members: None was present to receive their new member packets. Four applications were misplaced last month, and, with our apologies, will be taken care of promptly.

Old Business: The slate of new officers for 2010 was presented and voted upon. The nominating committee consisted of Vernon Dorton, John Bode and Oscar Carroll. Chairman Vernon presented the following slate of officers: President—Donna Davis, Vice President—Dale Moore, Secretary—Jeannie Manners, Treasurer—David Read. There were no nominations from the floor. Oveta Vermillion recommended, Lou Dorton seconded, motion passed to elect the officers as nominated.

The committee presented 3 names for election to the Board of Directors for two years—Joann Carroll, J. C. Brown and Bill Chaney. There were no nominations from the floor. Ed Vermillion recommended, David Read seconded, motion passed to elect the board members as nominated. Paul as past president will serve for one year and Darla Wood, Elaine Welch and John Bode will continue for their second year.

Everyone is welcome to come to the board meetings.

New Business: A couple members attended the Enid show, and gave us some highlights.

Dottie Smith attended the Rocky Mountain Federation Show in New Mexico, and gave us some highlights. Bill Smith will be the new president for the coming year. Dottie won a trophy for her competitive case.

This year, our scholarship will be going to Jesse Carlucci, a third semester student at OU, working on his doctoral dissertation.

Please check your email address listed in the directory – many emails have been returned with incorrect addresses.

Committee Reports: Show Committee: Vernon asked the committee members to meet at the next work night, 7 pm, for the final meeting before the show. If you go to KFOR.com, and click on "Is this a great state or what?" to see the video taped at our last work night. We need help this Saturday at the shed, moving some things around. The show is coming up, Nov. 7th, 10-6, and Nov. 8th, 10-5. We need volunteers during the show to relieve workers at the front desk, with grab-

bags, etc. We need help on Friday, Nov. 6, with loading and unloading the truck and setting up. John Bode has advance tickets (4 tickets for \$20). Our members get in free. We need nice door prizes. Help is needed in all areas. Please volunteer.

Sunshine: Donna Davis reported that Donnie H. went home from the hospital yesterday. Chet Hazelwood has had several falls. Dottie S. had surgery recently also.

Christmas Party: The Christmas party will be the first Friday night in December, December 4. The club furnishes the meat and drinks; everyone brings a side dish or dessert. We will have a sign-up sheet at the next meeting.

Field Trips: Please contact Paul if you have any ideas for field trips. Sebastian & Ambrosia GEFRE have invited the club to go to Lindsay, to their shop, tentatively in January.

Education: The last Monday night workshop was October 5th; we had 43 members present, and were taped for the “Is this a great state or what?” show, which was aired in the last week. The bead class is next Wednesday at Alouette Bead Store in Midwest City, at 10:30 and the 4th Saturday there is a bead class at Artworks on 4th St. in Moore, at 1:00. The silversmith class is progressing.

Thanks to Pam M. and Tyonne L. for cookies and to Doyle M. for kitchen help this evening. Volunteers for November: Cookies—Larry Shearer and Shawn Hendricks; kitchen help—Doyle McCown.

The door prize was donated by Sebastian with the winner, Gustaaf VanRaamsdonk.

Members may pay dues now for next year.

Next month’s program will be wire wrapping by Craig Kime.

The meeting adjourned for refreshments and a film.

Editor’s Note: The following article was submitted to the Rockologist by our club treasurer David Read

Taxing Times

The OMGS is a tax exempt organization under section 501c(3) of the Internal Revenue Code. Its continued existence relies, in part, on the willingness of its members to volunteer their time, services, expertise and muscle in support of the club’s various activities. Our benevolent government, vis-à-vis the IRS, allows members to deduct unreimbursed out-of-pocket expenses, such as the cost of gas and oil, that are directly related to the use of your car in giving services to a charitable organization. You cannot deduct general repair and maintenance expenses, depreciation, registration fees, or costs of tires or insurance. In lieu of keeping all those records you can use a standard mileage rate of 14 cents per mile (for 2008) to figure your contribution.

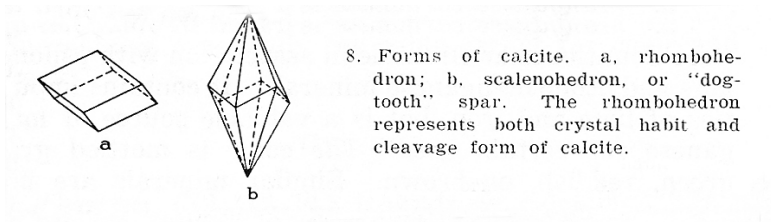
As usual, the IRS wants you to keep reliable written records. Records should be made regularly and at or near the time you had the expense. Your record must show the name of the exempt organization, the date each time you used your car for a charitable purpose and the number of miles if you are using the standard mileage rate.

“Providing services” does not mean simply attending the monthly club meeting, Monday work night, workshops and/or training classes. However, it does include attending directors meetings, special committee meetings, class instructors, helping prepare for the rock show and supporting other club activities. IRS Publication 526, Charitable Contributions, has everything you always wanted to know about this subject.

Editors Note: The following information is taken from the book "Catalog of 100 Minerals, Rocks, and Fossils from Oklahoma" by W.E. Ham and is published by the Oklahoma Geological Survey. Please keep in mind that this book was published in 1942 and some of information is dated but it will give you some information about the rocks, minerals and fossils in our great state.

CALCITE

6. Calcite, calcium carbonate (CaCO_3), is found in many crystal forms. Calcite crystals found in the Tri-State district are known as "dog-tooth" or "nailhead" spar (Fig. 8b). Calcite has a vitreous, non-metallic luster; color is white or variously tinted; streak, white; perfect three-way cleavage which produces six-sided solids (rhombohedrons) resembling distorted cubes (Fig. 8a). A drop of dilute acid, applied to a specimen of calcite will produce a vigorous bubbling or effervescence. With other carbonates, except aragonite, the bubbling is not vigorous unless concentrated acid is used. Calcite is a very common mineral, and it is the most important



8. Forms of calcite. a, rhombohedron; b, scalenohedron, or "dog-tooth" spar. The rhombohedron represents both crystal habit and cleavage form of calcite.

constituent in limestone. Limestone has many uses, and occurs in many parts of Oklahoma; crystal calcite is found in the zinc-lead district of northeastern Oklahoma; and calcite veins are found locally in many places, especially in limestone areas, and in certain outcrops of igneous rocks in the Wichita Mountains.

ARAGONITE

7. Aragonite has the same chemical composition as calcite, CaCO_3 , and is very much like that mineral, being distinguished from it by the crystal structure. The crystals may be six-sided, and flat, or they may be thin and needle-like. The six-sided crystals occur in western Oklahoma where they are known as "Indian money". The needle crystals are sometimes deposited from streams, and sometimes they are deposited by ground water in caves, forming drip-stones, or stalactites.

DOLOMITE CRYSTALS

8. Dolomite is a carbonate of calcium and magnesium, $\text{CaMg}(\text{CO}_3)_2$. It usually has a white, cream, or pink color and a white streak. Its hardness is 3.5; the crystals are often small and curved in the shape of little saddles (Fig. 14). If the mineral is crushed and a little concentrated acid is applied, an effervescence will be produced. Beautiful crystals of dolomite are found associated with the lead and zinc ores of the Miami-Picher district.

MANGANESE CARBONATE

9. Manganese carbonate is found in Johnston and Coal Counties near Bromide in association with psilomelane and other manganese minerals. It contains impurities of lime and iron, but is a valuable source of manganese for certain uses. The color is mottled gray, green, reddish, or brown. Similar minerals are now being mined near Batesville, Arkansas.

SIDERITE (CLAY IRONSTONE)

10. Siderite is iron carbonate, FeCO_3 . It has a vitreous luster, a gray or brown color, a light-colored streak, and with concentrated acid it effervesces like dolomite. Siderite is often mixed with clay and occurs in the form of rounded concretions of a reddish, yellow, or brown color. These colors are caused by the formation of various iron oxides which are alteration products of the original siderite. In some parts of the world, clay ironstone is used as an iron ore. The occurrence of siderite and clay ironstone is limited in Oklahoma largely to the Pennsylvanian formations of the eastern part of the state, and to the Ardmore district. One fairly large deposit crops out along Neosho River 5 miles northwest of Miami, Ottawa County.

MALACHITE (AND AZURITE)

11. Malachite is a carbonate of copper, usually with a bright green color and streak. The crystals are often needle-like or in seams and are somewhat heavy (specific gravity, 4.0). Malachite, like other carbonates, effervesces with concentrated acid. This mineral is an ore of copper in some states, but it is found only in small quantities in the "red beds" of eastern and southern Oklahoma, and in some of the granites near Lugert, Kiowa County. Some attempts have been made to mine Oklahoma copper ores, but they were never profitable. Azurite is the blue copper carbonate which is often associated with, but rarer than, malachite. The two minerals are practically the same except for color and

Dues Reminder

Did you know it is time to renew your Oklahoma Mineral and Gem Society Membership? It is essential to have your dues in before the start of the new year so that you can be listed in the new directory. Also if you enjoy the Sooner Rockologist you will not want to miss an issue because you forgot to renew your membership. You can renew your membership by mailing your check to:

OMGS

Attn: Jeannie Manners

P. O. Box 2084

Oklahoma City, OK 73101-2084

Hints & Tips

One reason for polishing a stone all over, front, back, and edges, is the polish acts as a sealer. It seals and keeps in water, especially opal. It prevents natural corrosion as in Rhodonite, which corrodes to black ore called wad, and helps stop absorption of harmful substances such as perspiration, etc. Polish the back of your cabs by flat lapping on the back of a glass plate or normally.

(Via Gem of the Rogue 8/98 via THE POST ROCK 9/00)

An aluminum pencil can be used to determine the hardness of stone. The pencil leaves fainter marks on harder stones. A stone harder than 7 will not allow itself to be marked.

(From A gale Explorer via THE POST ROCK 9/00)

To spot cracks and vugs in a rock before sawing it, first soak it in a tub of water at least an hour. Then remove it and place it in a sunny spot. The surface will dry quickly, but the fractures and vugs will not. Use a soft pencil to mark the rock for guidance in sawing.

(From Roconteur via OSAGE HILLS GEMS 7&8/92)

OMGS Calendar

November 19 - General Meeting Program - Craig Kime, Wire Wrap Demonstration

December 4 - OMGS Christmas Party

January 4 - Work Night

January 14 - OMGS Board of Directors Meeting

January 21 - General Meeting, Program - To Be Announced.

If you have changes, corrections or additions to the OMGS Calendar, please e-mail me at trmanners@sbcglobal.net or call me at (405) 577-2029.

**For a complete listing of ALL the rock and gem shows around the nation please go to the web site:
<http://www.rockngem.com/showdates.asp>**

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