

# The Sooner Rockologist

Vol. 65 Number 10

November 2010

## 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.*

## Looking Back 2010



*The Sooner Rockologist is the official publication of the Oklahoma Mineral and Gem Society, Inc. and is published each month, except June and December. Non-profit hobby newsletters may freely use the material in this newsletter, except copyrighted material needs written permission. Please give credit where credit is due. The editor will send any article by e-mail. Member contributions are welcomed and encouraged.*

## From the President's Desk



Wow! Last month was busy, and this month will probably be even worse. I want to thank everyone (I think) for electing me to another term as president. Hope I live up to your expectations. I think we have a good group of officers and directors to lead the club into the next decade.

Last month the club received a large donation of material from Mr. Wayne Page - his grandparents lifetime collection. I want to thank Dale Moore and David Read for helping move all of it to the club's storage. It

was a big job and they did most of the work. Be sure to check the silent auction every month for new items from the Frank & June Ryan collection. A few pieces may show up as door prizes at the Christmas dinner. If you haven't signed up for that, be sure to do so at the next meeting or contact Darla Wood or me.

A few 'hounds -24- braved the dampness a couple of Saturdays ago to dig thru the piles at General Materials. It was a little muddy in spots, but not too bad. There were a few sprinkles, but the rain held off until we were done. We found some cool stuff in addition to the usual flint and petrified wood. I really appreciate the company letting us come in and "prospect".

Sadly, we lost two more long-time OMGS members last month. Max Burkhalter and Chet Hazelwood were both wonderful gentlemen who contributed a lot to our organization and we are better off for having known them.

See everybody at the meeting.

Donna

## Dues are coming due.

Oklahoma Mineral and Gem Society By-laws, Operating Procedures, Item 1 - Membership:

“(E) Membership dues shall be paid on or before the meeting in November (unless postponed by the Board of Directors) to be listed in the directory. Members not paying dues by the February Meeting will be dropped from membership in the Society. Past members applying for reentry must be approved as though a new member but membership requirements may be waived at the discretion of the board.”

### 2010 Elected Officers

#### President

*Donna Davis 405-760-6566*

#### Vice President

*Dale Moore 405-834-0765*

#### Secretary

*Jeannie Manners 405-577-2029*

#### Treasurer

*David Read 405-789-2997*

### Board of Directors

#### *One year term:*

*Paul Cinnamon*

*Darla Wood*

*Elaine Welch*

*John Bode*

#### *Two year term:*

*Bill Chaney*

*Donna Dove*

*Joann Carroll*

### Appointed Officers & Committee Chairpersons

*Anniversary Picnic: Donna Davis*

*Audio/Video: Tom Manners*

*Christmas Party :*

*Property Custodians: John Bode &*

*Paul Cinnamon*

*Education: John Luna*

*Federation Activities: Arlene Burkhalter*

*Field Trips: Debbi Cunningham*

*Historian: Beverly Hibbler*

*Hospitality: Ambrosia Geffre*

*Librarian: Norma Cinnamon*

*Meeting Display: Doyle McCown*

*Billie Marie Nedd*

*Membership: Wanda Manderscheid*

*Programs: Vernon Dorton*

*Parliamentarian: John Bode*

*Publicity Open*

## OMGS Board Meeting

October 14, 2010

**Newsletter Editor:** Tom Manners  
**Scholarship:** John Bode  
**Show 2009:** Open  
**Sunshine:** Donna Davis  
**Telephone:** Open  
**Ways & Means:** Dean & Wanda Manderscheid  
Doyle McCown  
**Workshop:** Open  
**Web Master:** Open

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**OMGS**  
P. O. Box 2084  
Oklahoma City, OK 73101-2084  
(permanent mailing address)  
Our Website is:  
www.omgs-minerals.org

**Editor**  
Tom Manners 405-577-2029  
Email: trmanners@sbcglobal.net

*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

**Members Present:** Dale Moore, Donna Davis, David Read, Joann Carroll, John Bode, Donna Dove, Bill Chaney, Darla Wood, Jeannie Manners.

**Guests Present:** Robert Davis, Oscar Carroll, Bill Dove, Brenda Hibbler, Tom Manners.

Dale Moore, chairman, brought the meeting to order, with a quorum present.

Darla W. moved and Donna Davis seconded that the minutes be accepted. Approved.

**Correspondence:** We have received newsletters. Some mail came for Vernon D. and Norma C. An in house training will be available for the new editor of the *Rockologist*, regarding the new barcoding. Jeannie M. will not be at the next general meeting; Donna Dove has agreed to record the minutes.

**Treasurer's Report:** David Read's report will be filed for future audit. It is time to pay our RFMS dues. Ideas were shared regarding the scholarship program; a quick board meeting before the regular meeting next week may be necessary.

**New Member Applications:** We have received a member application from Jami Poor. After discussion, Jeannie M. moved and Joann C. seconded that we accept this new member; motion passed.

**Committee Reports:**

**Field Trips:** Scott is finalizing details for the Black Mesa trip. The General Materials trip is all set to go on October 23<sup>rd</sup>.

**Sunshine Committee:** Ann Christopher is not doing well. Oveta V. is doing okay. Vi Holmes' sister passed away. Bill and Pearle Haney are having health issues. Dar Vickers had cataract surgery, and is doing well. Bill Dove had surgery last Tuesday.

**Nominating Committee:** The election will be held at the general meeting.

**Old Business:** Payment has been made for the meeting room for 2011. The room will be available for setup of the Christmas party at 4 pm on December 3<sup>rd</sup>. The annual picnic will be in the meeting room on Saturday, June 18, and a work night was added in June.

**New Business:** Wayne Page wants to donate the remainder of his grandparents' rocks and equipment to OMGS. We will pick it up Friday.

Donna Davis has updated her OMGS key collection.

Donna proposes a mini-swap for our November meeting. John will research the legalities of this proposal. A bulletin board will be made available to our club members at each meeting.

There will be a mini board meeting next Thursday at 6:40, regarding scholarships and the mini-swap.

Meeting adjourned.  
Jeannie Manners

# OMGS General Meeting Minutes

October 21, 2010

**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!*

President Donna Davis called the meeting to order. Donna Dove will record the minutes as secretary Jeannie Manners is on vacation.

We welcome our guest this evening, Clyde Shatswell.

Dale Moore made a motion to accept the September minutes as published in the *Rockologist*; Vernon Dorton seconded, motion passed.

David Read gave the treasurer's report, which will be filed for future audit.

**Correspondence:** Jeannie Manners has received newsletters from other clubs.

**Displays:** Donna Davis, Vernon Dorton, Billie Marie Nedd, David Read, and Jim Williams provided our displays.

**Announcements:** Virgil Richards from Tulsa advises the OSCMS will have a show in Tahlequah 11/13. The Bead Renaissance Bead Show will be at the Tulsa Fairgrounds 11/13. An Affair of the Heart will be this weekend in Oklahoma City.

September guest Wayne Page had his rock sale in Edmond. The balance of the material from the estate of his grandparents, Frank and June Ryan, has been donated to OMGS.

Dottie Smith has a display at the Village Library. Tom Manners has a display at the Yukon Library, and Sandy Combs previously had a display at the Moore Library.

John Luna still needs a room/space to hold silversmith classes. If anyone knows of any place that might be sufficient, please contact John Luna or Donna Davis for site requirements.

The OMGS Annual Picnic of 2011 will be held at the Will Rogers Center June 18.

## **Committee Reports:**

**Show** - Vernon Dorton reports that committees will be forming in January for the 2011 show. If anyone needs a display case, please advise Dottie Smith as soon as possible.

**Christmas Party** - The party is scheduled for December 3 at 6:00 pm. Darla Wood has a sign-up sheet for everyone to bring side dishes, salads, or desserts.

**Field Trip** - Scott Cunningham reported on the success of the field trip to the Salt Plains State Park on October 2-3. The General Materials field trip will be October 23 and the trip to the Black Mesa State Park will be November 12-14.

**Sunshine** - Dar Vickers has had successful cataract surgery. Ovetta Vermillion is recovering. Bernie Possenriede has had a knee replacement. Pam Mowen has been hospitalized for over three weeks. Donna Davis advised longtime members, Max Burkhalter and Chet Hazelwood, passed away this past week. Paul Cinnamon gave a short memorial talk about both. Gustaaf Van Raamsdunk will be returning to England to see doctors there about health concerns, and he is expected to return to this area at the end of March.

**New Business:** Beginning at the November meeting (and for all future meetings) there will a "Suggestion Box" for members to make sug-

gestions about OMGS and a “Bulletin Board” will be displayed for members desiring to buy or sell items.

Theron James and Dottie Smith will provide cookies for the November meeting. Dale Moore and Lou Dorton will provide kitchen help.

Teresa Gabrish won the door prize, a large selenite crystal donated by Wayne Page from the Frank and June Ryan estate.

OMGS Officers for 2011 - Vernon Dorton, Dale Moore, and David Read comprised the nominating committee for the OMGS officers and directors for 2011. The slate as presented by the nominating committee was voted to be accepted by acclamation. Ed Vermillion and Donnie Heffley made the motion for acclamation. Bill Dove moved to accept the motion and Sandy Combs seconded. The following have been elected to serve OMGS for 2011:

Donna Davis - President  
Donna Dove - Vice President  
Janice Mobley - Secretary  
Bill Chaney - Treasurer

1-Year Directors: JoAnn Carroll, Darla Wood, Teresa Gabrish and Tim Wolfe  
2-Year Directors: Dale Moore, David Read, and LaVerne Henderson.

Meeting Adjourned.

Respectfully submitted,  
Donna Dove,  
Acting Secretary

## *Trip to Buena Vista Colorado Continental Swap*

*By Jerry & Sandy Cannedy*

We had not been to the Continental Swap since 06, so Sandy and I decided to make the trip one more time, so we hooked up the 5<sup>th</sup> wheel and headed out. We have been there several times since our first trip in August of 88. Max and Arlene Burkhalter used to help set the swap up, which is how we got started going there.

The swap is a three day event held at the fair grounds of Buena Vista, usually the second weekend in August. For a rock hound it is paradise. There is free dry camping on the fair grounds, or in a RV Park, and hundreds of rock dealers to visit. The weather is warm days and cool nights. The town holds their annually Prospector Days on the weekend and you can float the Colorado River if you'd like. Leadville is not far and it's a nice drive over the divide to Aspen. Also, a visit to the old mine town of Elmo is interesting and only a few miles away. I made the trip up Mt Antero once looking for Aquamarine. I didn't find any, but the trip up to the snowline was something else.

There is a lot to see and new rocks to discover. There were two materials I had not seen before, which I had to have. One a new stone called Purple Turquoise, which the dealer called Turkite, and one out of Mexico called Sonora Sunrise. The Purple Turquoise is from the Kingman mine and is a manufactured (man-made) stone. They found a large deposit of very brittle Turquoise that was so brittle it was not suitable to stabilize as chunks, so rather than powder it; they chose to pressure treat it in tubes, adding liquid brass to fill voids and dyeing it purple. The resultant stone is beautiful. I have already made Sandy a drop, she also wants a ring and ear rings too. The other stone is a mix of cuprite and chrysocholla, a pretty stone from a new find in old Mexico. It is bright red and blue green. The Sonora Sunrise was around \$25/lb and the Turkite \$25 for a 3x3 slab.

We usually end our trip with a day or two in Cripple Creek on our way back home. This time we

also went on to Dodge City to visit their new casino. All in all a good trip, the only thing we did lose one of our trailer vent covers somewhere on the way up. Picked up a new one in Salida and then I climbed up on the roof and repaired it. We also picked up our usual 50lb sack of onions in Rocky Ford, only 23 cents/lb at stands vs. 1.23 at Wal-mart.

Happy hounding, Jerry & Sandy

## **Earth's Disturbances**

**(What causes earthquakes & volcanic activity?)**

**By C. E. Johnson**

The conventional answer about earthquakes is that they are sudden movements of adjustments in the earth's crust or ocean's crust, in response to strain or tension, but this raises a few questions, such as what causes the strain or tension?

Of course, there are always natural strains and tensions among mountainous rock formations in the earth's crusts and oceanic crusts which are assumed to be the cause of more or less "local" quakes, but these can't account for our major "fault-lines" quakes, especially those near the boundaries of our continental crusts.

Believe it or not, our continents are moving—slowly to be sure—and have moved persistently since they were formed many millions of years ago, and probably will continue to do so for many more ages; and it is believed that this movement is the cause of our major quakes.

The earth's continents are thick crusts of rock formations believed to be on a "floating" semi-plastic base about 60 miles thick (lithosphere), which are being moved about by "sea-floor-spreading" in volcanically active areas in the oceans' crusts.

The "sea-floor-spreading" is caused by the upheaval mountain-building volcanic action in the thinner oceans' crusts, which spreads apart the ocean floor, which pushes against the continental plates and displaces them. This is very persistent around the world. The boundaries of the moving sections mark what earth scientists call "plates", and the processes involved are called "plate tectonics". The United States is part of the North American Plate.

What causes our volcanic activity? This activity originated when the earth was "born" in its initial fiery-molten state. As the earth cooled off, a "crust" developed which eventually sealed up much of the molten material underground, but this "magma" material obviously is still active deep underground and obviously some of it reaches the continents' surfaces and ocean floors occasionally, as volcanoes and lava flows.

More "magma" is regenerated within the inner zones of our planet under the crusts by heat and movement applied by "convective-currents" in our earth's "mantle" zone, and this convective-current action also contributes to the continents movements.

Much of the earth's inner heat is believed to originate by radioactive "decay" in deeper zones around the earth's core, and heat in the upper zones of the earth is also generated by internal compression & friction.

In addition to the above generally accepted theories, it can be logically assumed that even the earth's rotation and revolution may also be a significant enhancement to our continental movements (or "drift") and volcanic activities.

## A rockhounds suggestion

(by C.E. Johnson)

Have you ever wondered whether you could find for yourself, those same types of minerals you are paying to dig for at those various sites? I'll bet you did, and if you were curious enough you probably asked the sites owners/operators questions such as; where did those minerals come from?, what kind of rock formations are they in?, and how did they get there?, how were they formed? etc.

If you couldn't get the real answers there, try doing a little research on-line or in libraries, etc. about the origins & natures of those types of minerals you're digging for, and others. A better alternative to that or in addition to that, why not take a short course on minerals geology somewhere like a local community college, or extra-curricular class at a High School, etc. ? There are other sources out there, but you need to make inquiries to seek them out.

When you find the answers to such questions, of course you will have learned what kind of places are most favorable for those types of minerals, and others, right?, but what now?, where do you go from there?, how do you find out where those places are? (to find them on your own without having to pay to dig for the minerals, of course, and to experience the thrill of making your own discoveries in new places). Actually this is fairly easy.

In a few words, you can find those favorable places with the help of GEOLOGIC maps, and those favorable places may be closer than you think.

In serious rockhounding and prospecting, rocks are the key; we wouldn't have mineral deposits without them; certain igneous rocks "breed" certain minerals, and the other two basic types provide many other minerals of their own; and geologic maps show rock formations, along with whatever other information is relative and helpful, such as any minerals "occurrences" reported by U.S. Geologic Survey teams or by someone else in the areas shown, or "prospect" diggings and/or mining activity, etc. It's simply a matter of finding areas on the maps that show the same geological conditions as the collecting sites you are visiting. In the meantime, learn enough about minerals-geology to know which minerals occur in which rocks (and vice-versa, which rocks contain which minerals).

These geologic maps are available at places such as the U.S.G.S. offices and their STATE affiliates, some office & stationary suppliers, some state geology departments, bureaus of land management offices,etc. If they don't have them, they probably will direct you to the most likely sources that have them on hand.

I recommend that those who are computer-wise log in on <usgs.gov> and follow the links to what you need. It's easy if you do it right. If that's not an option, you can call 1-888-ASK-USGS to get the necessary information, or write to USGS Information Services, Box 25286, Denver, CO 80225

Exploring on your own does of course require an able, healthy person with a free-spirit and a sense of adventure & independence.

I strongly recommend that anyone doing this, even with a friend, inform family or friends of your plans & destinations and be well-prepared and cautious at all times and as an extra precaution, inform any local authorities such as national forest rangers, of your presence

I have done this sort of thing for many years and have not regretted a day of it, including the un-productive ones. Happy-hunting, however you do it.

## ***OMGS Calendar***

**Nov. 11 - OMGS Board of Directors Meeting**

**Nov 12-14 - Black Mesa State Park - Rockhounding for Petrified wood, fossils and rose agate.**

**Nov. 18 - General Meeting - Program To Be Announced**

**Dec. 3 - Christmas Dinner @ 6 p.m.**

**Jan. 3 - Work night**

**Jan. 13 - OMGS Board of Directors Meeting**

**Jan 20 - 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](mailto: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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