

Tulsa Rock & Mineral Society  
P.O. Box 2292  
Tulsa, OK 74101

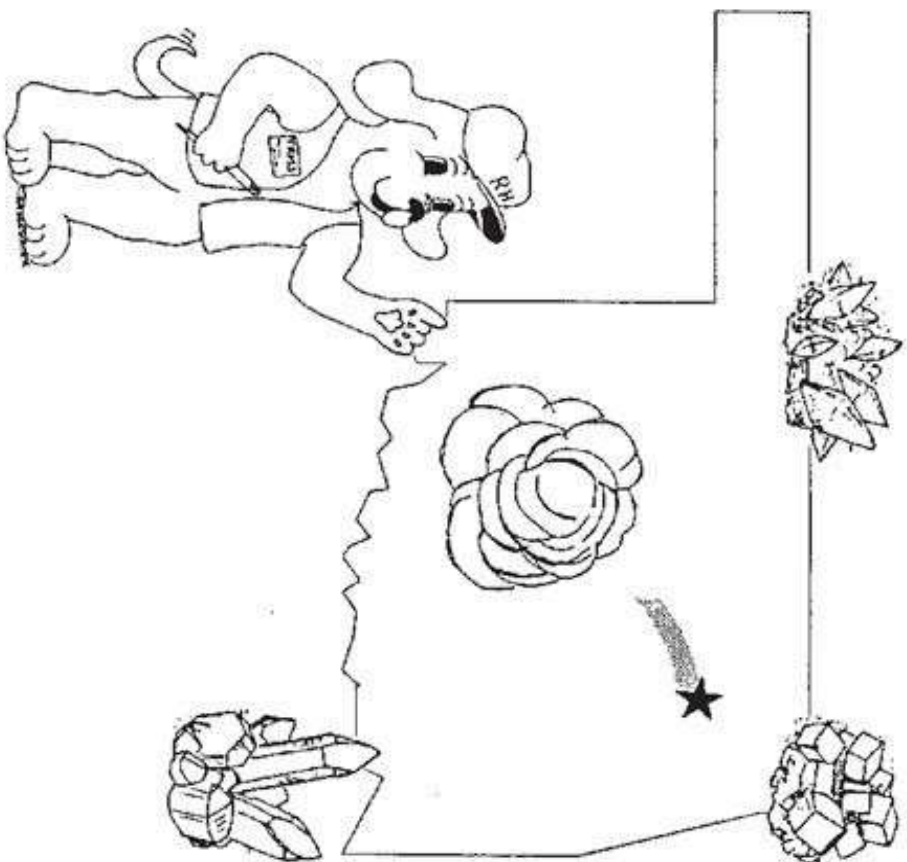


# T-TOWN ROCKHOUND

## Tulsa Rock & Mineral Society

May 2017 Vol. 65 No. 5

Box 2292, Tulsa, OK 74101



## TRMS T-TOWN ROCKHOUND

TULSA ROCK & MINERAL SOCIETY

ADDRESS: BOX 2292 TULSA OK 74101

The 2017 website for TRMS is [www.tulsarockandmineralsociety.org](http://www.tulsarockandmineralsociety.org).

### 2017 Officers are elected by club members in November

President	Donna Loffer	918-407-1194;918-371-5051	donnaloffer@att.net
1 <sup>st</sup> VP/Programs	Eric Hamshar	918-284-3503	johnhamshar@yahoo.com
2 <sup>nd</sup> VP/Field Trips	Amy Puls	918-430-5858	amypuls1@gmail.com
Secretary	Carlos Reyes	817-550-3171	carlosreyespr05@gmail.com
Treasurer	Sharon Richards	918-266-8826	srichards15@att.net
Shop Foreman	Billy McBay	918-455-0602	xfiles4321@msn.com
Editor	Kay Waterman	918-521-4386	kay.waterman@cox.net
WebM/Library	Martha Rongey	918-230-1094	m_rongey@sbcglobal.net
Historian	Roberta Wagle	918-695-4291	waglemom@gmail.com
Past-President	Tony Rongey	918-619-7861	trongey@cox.net
Directors	Trinitie Hurd, 918-500-5401;Katie Parker, 620-202-0267; Julia Allande, 918-633-9822		

### 2017 Committee Chairs are appointed by the new President

Chatpile Editor	Wayne Mouser	918-582-8700	okyrocks@cox.net
Rock Donations	Larry Wagle	918-695-1527	wagledad@gmail.com
Show Co-Chair	Finis Riggs	918-232-8534	lanariggs63@yahoo.com
Show Co-Chair	Eric Hamshar	918-284-3503	johnhamshar@yahoo.com
Club Scholarship	Dianne Kirk & Richard Jaeger		kirkdian@gmail.com; rjgrsci@aol.com
Fed Representative	Liz Thomas	918-486-3788	bthomas630@cox.net
AFMS Uniform Rules	Richard Jaeger	918-481-0249	rjgrsci@aol.com
Publicity	Martha Rongey	918-230-1094	m_rongey@sbcglobal.net
By-Laws	Bob & Nancy Hicks, Scott Robb		azketr@aol.com
Social Hour	Kay Waterman	918-521-4386	kay.waterman@cox.net
Hospitality Table	Lana Riggs	918-232-8514	lanariggs63@yahoo.com
Uniform Rules	Leon Reeder	918-346-7299	leonreeder47@yahoo.com
Need a VOLUNTEER to head the Education Committee! Contact TRMS President Donna Loffer			

**The Tulsa Rock and Mineral Society, Inc.** was organized in April 1958 to promote interest and provide education in the earth sciences, in historical artifacts, in jewelry-making and all forms of the lapidary arts. Field trips, the club workshop, monthly meetings and other activities provide opportunities for life-long learning. **Meetings:** the second Monday of each month at the College Hill Presbyterian Church, 7<sup>th</sup> and Columbia Street, Tulsa, OK. Refreshments and coffee begin at 6 p.m. Pebble Pups meet at 6:15 and the membership business meeting and program commence at 7 p.m. **ALL WELCOME!**

**The T-Town Rockhound**, official bulletin of the Tulsa Rock and Mineral Society, is issued every month preceding the regular monthly meeting. Permission is granted to reprint items from the newsletter unless otherwise designated, provided that full credit is given to the author and the *T-Town Rockhound*. Please send items for the newsletter by the monthly deadline, the 21<sup>st</sup> of the month preceding publication, to Editor, T-Town Rockhound: Kay Waterman, [kay.waterman@cox.net](mailto:kay.waterman@cox.net) or mail to 1334 N. McFarland Place, Claremore, OK 74017. E-Mail Exchange Publications to [kay.waterman@cox.net](mailto:kay.waterman@cox.net) (preferred) or mail to TRMS, Box 2292, Tulsa, OK 74101.

**TRMS Membership:** Single \$12 - Family, \$15, due Jan. 1. Mail: PO Box 2292, Tulsa OK 74101.

**T-TOWN ROCKHOUND****April 2017****Vol. 65 No.4*****tulsarockandmineralsociety.org***

The gardens are planted, now we wait for them to grow. Hope everyone enjoyed the speaker at April's meeting. I know I did. Everyone should be ready for sunny, windy and warm weather. Maybe we're passed the cold, flu, and allergy season. I will have the sign-up sheet for working at the Gem Faire at the May meeting. Please start thinking about what you want to sign up for at the June meeting for working at this year's Rock Show. People will be needed for setting up on the Friday, then working the show, followed by tear down and clean up after. See you all at the monthly meeting.

***President: Donna Loffer***

Eric Hamshar informs us that our own Leon Reeder will be demonstrating flint knapping at the May 8 meeting. ATTENTION: Those with LAST names beginning with the letters A through H are designated treat-bringers for the hospitality hour before the meeting.

**UPCOMING FIELD TRIPS:****Amy Puls**

Our field trip to The Great Salt Plains was a success. The weather was cool and overcast, but not too cold. The wind blew, but not too strong so that we couldn't find some beautiful and unique crystals for our collections. Every rock is a memory and we made lots of them on this trip. Thanks to all who attended.

**MAY GRAB BAG PARTY**

Save the Date!! The Grab Bag Party will be May 13th at 10:30 AM at the Loffer's home. Their address is 12604 North 143 Rd. East Ave. Collinsville, OK 74021 Bring your own chair. This is a potluck! Hot dogs and hamburgers will be provided, please bring a dish to go with as well as your favorite drink.

**EARTHCACHE-ING AT LAKE FORT GIBSON MAY 20**

The May 20th Rose Rock trip has been cancelled but...Continue to SAVE THE DATE! MAY 20-- We will be EarthCaching at Lake Fort Gibson. Meet at 9 am at the pull off just before you go over the bridge heading east on Hwy 251A. N35° 52.158' W 95° 14.149'.

Directions: From Hwy 51 or 69 go to Wagoner. Take Hwy 51 east and then south at 13<sup>th</sup> street take Right exit onto Hwy 16 to Okay, OK. Take 251A NE and exit left just before the bridge. There is parking here and will require one step up and pretty smooth sailing to our first Earth Cache site. We will be visiting a second Earth Cache site, which will require a bit of hiking. **Please wear comfortable treaded closed-toe shoes for this activity.**

***FIELD TRIP NOTES*****May 20 Field Trip  
Lake Fort Gibson*****By Amy Puls***

I will be demonstrating Geocache and Earthcache when we get to the field trip site. EarthCache is a great way to find unique locations around Oklahoma, including interesting springs, geology, scenic places and history EarthCache is a spin-off of GeoCache. To Play along with the group start at <https://www.geocaching.com/play>

Sign up on your mobile device. If you have "smart phone" you do not need a separate GPS to play. However if you do have a spare GPS around you can bring it along and use with your GeoCache website information from your home computer. Our first Geocache/EarthCache site is GC62VDJ "Fort Gibson Lake \*ROCKS"

You can register yourself on your mobile phone. You can also link this to FaceBook and log your GeoCache or EarthCache sites. You can also download an app at <https://www.geocaching.com/play/mobile>

EarthCache is sponsored by and is managed by The Geological Society of America. While geocache can be anything anywhere, and the cache is usually fun random trinkets, EarthCache will lead you to places and teach you a unique fact or more about the location. This is a fun way to explore for rocks, geology and Oklahoma at large while learning too. Share your EarthCache with your friends on FaceBook. <http://www.geosociety.org/earthcache>

## MORE FIELD TRIP NEWS

**June 23!**

**Arkansas Diamond Hunting!** Save the Date - **FRIDAY June 23rd!** Plan to meet at 9 am. NOTE, THIS IS NOT A SATURDAY FIELD TRIP.

### **CRATER of DIAMONDS STATE PARK**

**Where can diamonds be found?** The answer might surprise you. Arkansas's Crater of Diamonds State Park is the only diamond-producing site in the world where the public can search for diamonds. And the policy here is "finders, keepers," meaning the diamonds you find are yours to keep.

To hunt for diamonds you will search atop a 37 1/2-acre plowed field, the eroded surface of an ancient, gem-bearing volcanic crater. You will access this field through the Diamond Discovery Center, an engaging interpretive center featuring exhibits and an A/V program explaining the three most popular methods of searching for diamonds. The park staff provides free identification and certification of diamonds found here.

Pets are allowed in all park facilities, with the exception of the park gift shop, Diamond Springs Water Park, and Kimberlite Cafe, as long as they remain on a leash under the owner's control at all times.

The diamond-bearing soil in the diamond search area is plowed periodically when weather allows to help bring more diamonds to the surface. Plowing is unscheduled but generally takes place once a month during spring, summer, and fall. Historical structures, old mining equipment, washing pavilions, and sun shelters are located on the field. Diamond mining tools are available for rent or purchase at the park.

Admission is good for the entire day. From Memorial Day through Labor Day, tickets purchased after 6 p.m. are also good for admission the following day. Adults \$10, children

6-12, \$6. Group rates available.



**Please let me know if you plan on coming to see if we can get a discount!**

Overnight accommodations are on your own as many may plan to splinter off before or after the field trip and explore other parts of Arkansas over the weekend. Here is a link for local lodging and dining in the area. <http://www.mboroarkansas.com/lodging---dining.html>

## **Quartz Inclusions**

By Paul E. Desautels

From *Agatizer*, 8/1989 via the Midwest Mineralogical & Lapidary Society newsletter *The Rockpile* May 2017

***Quartz—Graphite inclusion***

When the Seven Dwarfs placed Snow White in a crystal casket to preserve her, they were duplicating a long-established natural process. Almost every time nature grows a crystal, she encases in it a variety of objects called inclusions. They are scientifically important because they are evidence of the temperatures, pressures, composition, and other characteristics of the environment in which the mineral is found.

Not only solids, but liquids and gases are often trapped during crystal growth. The difference between the white, opaque variety of quartz called "milky quartz" and the clear glassy variety called "rock crystal" is caused by multitudes of tiny bubbles of liquid trapped in milky quartz. Frequently, the inclusion will be more than one kind, each called a "phase." One of the most amazing sights to see under a microscope is the two-phase inclusion of a tiny bit of carbon in Herkimer Co., New York. The carbon can be seen jittering around in an erratic dance, bombarded by the ever-moving liquid molecules. This is called the Brownian movement, after Robert Brown, the botanist, who first reported it in 1827.



## PEBBLE PUPS

Congratulations to James Puls for earning, recording, and receiving 2 more badges toward the 20 possible as a Junior Rockhound of America!

This last meeting we learned a little about "Rock Art" and painted pictures on rocks using natural, mineral pigments, Thankyou Finis and Paulino for providing rock slabs for the Pups to work on. Ben Thomas donated calcite spheres for the Pebble Pups during the meeting. Thank you all!

This month we will study anniversary minerals and birthstones. Each Pup needs to find out all he can about his own birthstone, and be ready to share that information. Also be aware there are more than one birthstone choice for each month.

Some gemstones are quite famous. Each Pup must select a stone from this list and find out all you can about that stone. Give it to me as a short write-up and we will put it in the T-Town Rockhound for an upcoming month.

The List:

The American Golden Top  
The Bismarck Sapphire Necklace  
The Black Prince Ruby (spinel)  
The Chalk Emerald Ring  
The DeLong Star Ruby  
The Golden Sapphire Necklace  
The Guinness Emerald Crystal  
The Hixon Ruby Crystal



--Julia Allande, JRoA Coordinator

## ENID GEM & MINERAL SOCIETY TO HOST MAY 13 ROCK SWAP

. Friends and fellow rockhounds, it's nearing that special time of the year - Rock Swap Time. Our "event" is listed this year through Enid Buzz.com, travelok.com and now through eventbrite which is the link below. Hope this meets with everyone's approval and sparks your interest.

<https://www.eventbrite.com/e/rock-swap-tickets-33377989465>

If you want to set up to sell or swap at our rock swap, please contact me ASAP as I need to get an idea of our setup. There are large picnic tables for our use as "booths". The benches are attached and can be used for display also OR your customers can sit to shop! There's a nice sized parking lot so you can tailgate if you prefer or you may do BOTH. The fee is only \$5 for the day. Admission for visitors to shop, swap, learn and have a nice outing in the park is FREE.

We members of EGMS hope to see lots and lots of avid rockhounds this year at our swap. Last year it was "wear a coat all day weather". This year we're hoping for tee shirt weather but who knows, this is Oklahoma! The good news is that the pavilion is COVERED and the parking lot is PAVED! See ya soon, Rock Swap Chaiperson, Sue Ogden

Rock Swap Contact: Sue Ogden Phone #: 580-242-788 or [stormyrocks@suddenlink.net](mailto:stormyrocks@suddenlink.net)

Location: Meadowlake Park, South Side, Big Pavilion (south side of Enid on west side of Highway 81)

May 13th, Saturday All Day: 9 AM - 4 PM



TRMS T-TOWN ROCKHOUND

	TRMS INCOME & EXPENSES, GENERAL ACCOUNT -- 2017			
	Treasurer's Report By Sharon Richards, treasurer			
	Balance as of 2/28/2017			\$3,638.24
<b>date</b>	<b>Income:</b>			
3/1/2017	Allen, Yashia's dues - ck# 1301	\$	15.00	
	Clary, M. & Clary, A&W - ck# 10950	\$	27.00	
	Weber, J. - ck# 3147	\$	12.00	
	Slankard, J. & K, - ck #5298	\$	15.00	
	Scamardo dues - MO 19604145780	\$	15.00	
	Richards, S & S dues - ck#11665	\$	15.00	
	Waterman, K dues - ck#5749	\$	15.00	
	Cox, W & D dues - ck#2775	\$	15.00	
3/7/2017	Massey, S. & D. - ck #6621	\$	15.00	
	Sale of patches, 4 lg & 4 small - cash	\$	32.00	
3/13/2017	McLendon, R. dues ck#6736	\$	12.00	
	Hill, George, dues & NT ck#8554	\$	21.75	
	Thomas, B&L & C&J dues ck#3005	\$	30.00	
	Doden, R. dues - ck #2780	\$	12.00	
	Reeder, L. dues - ck #104	\$	12.00	
	Mikkelsen, M. dues - ck #3955	\$	12.00	
	Cassity, M&C dues - ck #10295	\$	15.00	
	Gourd & Grayson families dues - cash	\$	30.00	
	Henley, M. dues - cash	\$	12.00	
	Whittaker, S. dues - cash	\$	12.00	
	Robinson, S. dues - cash	\$	12.00	
	Cross, J. dues - cash	\$	12.00	
	Hoge, R. dues - cash	\$	15.00	
	Patterson, B&A - cash	\$	15.00	
	Bolze, C. dues - ck#2270	\$	15.00	
	Horse, J & B dues - cash	\$	15.00	
3/18/17	Hicks Swap (benefitting Shop)	\$	240.00	
3/27/17	Deposit			\$668.75
	<b>total income:</b>	<b>\$668.75</b>		
	<b>Expenses:</b>			
3/6/2017	Ink Images, print Mar bulletin, ck#1612	\$	123.06	
3/6/2017	Eric Hamshar, plaque for outgoing Pres. ck #1613	\$	134.57	
3/6/2017	Donna Loffer, rocks for grab-bags, etc ck # 1614	\$	293.00	
3/7/2017	Roberta Wagle, rocks for grab-bags ck #1615	\$	52.75	

	TRMS INCOME & EXPENSES, GENERAL ACCOUNT – 2017 (continued)			
3/13/17	Richard Jaeger, name tags ck #1616	\$	15.19	
3/13/17	Billy McBay, shop supplies ck #1617	\$	66.62	
3/13/2017	Wayne Mouser, stamps for NL ck#1618	\$	12.11	
	<b>total expenses:</b>		<b>\$697.30</b>	
	<b>Balance as of 3/31/2017</b>			<b>\$3,609.69</b>

**Hint to Try:** The secret of hiding fractures in a cab with epoxy is to shape the stone and semi polish it. Heat the stone to 200 degrees in an oven. Mix the epoxy and apply it to one end of the crack and work toward the outside of the cab so that the air in the fracture is driven out and the resin now replaces it. You will notice that the epoxy becomes very fluid when it touches the hot stone, and it flows right in the crack. Put the stone back into the oven for 20 minutes for the epoxy to harden. Scrape off the surplus and proceed with your final polish.

*From The Rockpile 9/1987 via the Midwest Mineralogical & Lapidary Society newsletter The Rockpile May 2017.*

## The Conglomerate

### News from the Chatpile

Wayne Mouser, [okyrocks@cox.net](mailto:okyrocks@cox.net)



Dayna Pacquette has informed me that she is planning a surprise birthday party for L. E. (Gene) Cockrell July 15, 2017. The party will be held at the Air & Space Museum. TRMS Members are encouraged to attend this celebration.

Eight TRMS members attended Barry Parks Celebration of Life gathering at the Blue Rose Café on Riverside Drive, April 2<sup>nd</sup>. They were Roxanna Chamberlin, Harvey Shell, Kay Waterman, Dayna Pacquette, L. E. (Gene) Cockrell, Wayne Mouser, Paulino & Julia Allande. All total there were a good 100 friends who attended this gathering.

At an earlier General Meeting, Barry gave me a real beat-up marble he'd found in the river and asked me to smooth it up for him. I had started working on it the day I found out he had died. I smoothed it up and gave it to his daughter the day of the gathering.

Saturday, April 8<sup>th</sup>, Billy McBay invited me and David Hogate to attend the NW Arkansas Gem & Mineral Show in Siloam Springs. They always have a good show and good dealers. They had good ones this time too. Billy brought home the most rocks. I bought some small geodes to make into spheres.

I don't think David bought one rock. Before returning to Tulsa, we stopped and ate and attended a flea market just west of Siloam Springs.

April 12<sup>th</sup>, Wayne Mouser ate lunch at the Golden Corral with 8 "kids" he graduated with in 1953. It's hard to believe we're all in our 80's now.

Lynn Nabb wrote: I am taking off for Europe again 4/18 - 5/24. I'm going through a program called Workaway ([workaway.info](http://workaway.info)) where room and board is provided by the host in exchange for help with DIY projects etc. I'll be helping with gardening mostly. I'll be with a family in the Alsace region of France for 2 1/2 weeks and with a family in Bologna on northern Italy for 10 days, with plenty of time for sightseeing. Three nights in Geneva, 2 nights in Venice and 3 nights in Paris. I'm excited about checking out the beads in Venice and hope to do a little rock hounding in addition to sightseeing.

At the Salt Plains field trip, I introduced myself to Amy Puls. My nephew and new TRMS member, Bill Gower and I got there after 10am. We probably only stayed less than an hour. Amy had some nice clear small crystals with perfect hourglass. Bill's recovering from triple bypass surgery he had in January. We'll probably make that trip up there again later in the year. Bill was impressed with the area.



*Compiled by Wayne Mouser from archives of the T-Town Rockhound*

**5 YEARS AGO MAY 2012:** 51 members and guests present. Finis Riggs announced the shop would now be open the 1st & 3rd Saturday. Elmer Kitchell has two new members in his faceting class. Julia Allande announced she needed volunteers and exhibitors to work at Gem Faire. A grab bag party will be arranged after Gem Faire. Julia also gave a verbal treasurers report, which was approved. Kay Waterman announced she had RMFMS Rosters for sale. Virgil Richards gave out two award certificates to Jimmy Stirling & Elmer Kitchell. Finis Riggs asked all show committee members to stand and state their positions and asked for volunteers to help these members. Brent Shumard provided junior rockhounds with selenite specimens from Sheridan, WY. Brent also gave a talk with a power point presentation titled *Meteorwrong & Meterorite*. FT Chair Virgil Richards wrote of 4 field trip events that would take place during May. Jennifer Biddle, Editor wrote about her adventures on the field trip to Viburnum, MO. Betty Letters wrote an in Memory of Dorothy Sanders. Jo Mounce wrote an article about the St Louis, MO field trip taken in April. Roxanna Chamberlin wrote an article titled "My Anmar Memories".

**15 YEARS AGO MAY, 2002:** Meeting was brought to order by John Ravenscroft at 6:30pm. There were no guests and members did not count off as this was annual auction meeting. Kay Ulhorn told about Gem Faire and sent a clipboard around for volunteers to help man the club booth. She told members that for each exhibit displayed the club would receive \$10. Kay also announced the grab bag party would be held at the Hunts and to bring a covered dish for potluck lunch. Richard Jaeger led the field trip to Pawnee & Osage Counties to hunt fossils. Claude Bolze introduced Bob Shaha & Richard Dodrill, auctioneers for the club annual auction. Peggy Stewart wrote an article about the grab bag party. Richard Jaeger wrote an article about attending the RMFMS Show at Enid, OK. Kay Ulhorn wrote an article about the Show Committee Meeting. Chris Fite wrote an article titled *Three Mysteries About Rocks*.

**25 YEARS AGO MAY, 1992:** Leon Reeder called the meeting to order. There were 2 visitors, six new members and 44 members present. Seven door prizes were given out. A roster check was sent around to update any information. TRMS members approved to host the Federation Show in 1994. Ruth Potts reminded members to sign up for classes in silver smithing, knapping arrowheads and cab cutting taught by TRMS members. Sample letters were made available for members to send to their legislators about rockhound issues regarding the closing or restricting of public lands. The program was presented by Kevin Moody on the *Fascinating World of Diamonds*. Richard Dodrill led the field trip to Jet, OK to dig selenite crystals. John Alf, RMFMS PLAC Chairman wrote an article titled "Some Food For Thought". Peggy Stewart & Gene Cockrell wrote an article titled "Vacation Report".

**46 YEARS AGO MAY, 1971:** Scotty West called the meeting to order. 97 members and guests were present. LaVerne Billau asked for volunteers to help assemble the RMFMS Bulletin. Door prizes were given out by Percy Fly, Arden Meek and Ted Born. Sylvia Fort announced the cab of the month was being discontinued. Bob Tomer announced there were two vacancies in his faceting class. C. B Milleken presented the program "*Earthquakes and their Effects*". 2nd VP Glenn McCarty led the field trip to Black Mesa, Kenton, OK to hunt for fossil algae and cycads, rose bud agate, petrified wood and bone. Marie Kitchell, Librarian, wrote that Jim & Lucille Slack had donated two volumes of TRMS bulletins covering years 1958 through 1967. Martha McWhirt donated a book titled "*Rocks Around Us*," by Anne Terry White. Ruby Collins wrote a *Let's get acquainted* about new members John & Dorothy Sanders and their son Johnny. Paul Doggett wrote an article titled "*How To Cut A Sphere*".



## ***Display Case May 2017***

*The interesting display this month belongs to JoAnn and Kevin Mounce, who have been waiting in the wings so patiently for their chance to show off. They have put together a most interesting presentation of their material. For June I would like to showcase items for our show. Whatever you have that is "showy", (even and especially if you do not intend to put In a case for Gem Faire or the show) would look great In the monthly display. Please look at your stuff and let me know! Thank you again!*

*--Julia Allande*

## ***MAY SUNSHINE REPORT***

### **BIRTHDAYS**

Janet Benton  
Michael Cassity  
DeLane Cox  
Carol Emmones  
Nellie Holcomb  
Trinitie Hurd  
Barbara Joyce  
Ariel Leff  
Kaitlyn Lankford  
Jilian Patterson  
Gail Lunsford



Rich Martinez  
Jeff McElroy  
George Paizis  
Brent Patterson  
Chris Puls  
AJ (Joe) Robb  
Cierra Cook

Ernie Spradlin  
Laura Teckemeyer  
Judy White  
Dr. Joe T. Whiteberry  
Roger A. Wilson  
AJ (Anthony) Woodward

### **ANNIVERSARIES**

Claude & Debbie Bolze  
Roger & Becky Bush  
Richard & Barbara Caste  
Richard & Melba Dodrill  
Yvonne Dressel & Kelly Caton  
David & Cathie Hogate

Tony & Martha Rongey  
Brandan & Mary Calvert  
Brent & Anita Patterson

## ***Safety Matters: Got a Good Sole?***

*By Ellery Borow, AFMS Safety Chair*

Yes, that is “Sole” and not a typo of “soul”. Over the years I have seen a great many not so pretty soles out there on the footwear of rock, mineral, and fossil enthusiasts as they enjoy their collecting trips. I have also seen plenty of worn out, torn, missing and broken laces, as well as floppy bottomed footwear in use.

If you will permit me, I’d like to back up a bit here and mention that proper footwear is an important segment of having a good collecting experience. Having sufficient footwear for the effort is highly recommended -- as recommended as utilizing safety glasses, gloves, protective clothing and sun screen.

One of my primary footwear concerns is when I see shoe soles that are worn down to the point of treadlessness. Smooth soles do not work as well as treaded soles in keeping people upright. Although a case could be made for smooth soles on the footwear of some folks who shuffle rather than walk simply because lugged soles do grip significantly better than flat ones, and may thus be a tripping hazard for some. However, that said, I rarely see folks shuffle along in quarries and pits because shuffling can be dangerous.

Another consideration with having tread on the sole of a boot or shoe is the direction or pattern of that tread. If the primary tread pattern is from right to left, or left to right, such a pattern would be excellent for walking or down a slope because the tread would be perpendicular to the direction of travel. But, what if one moves across the slope in either clockwise or counter-clockwise motion? In such a case that same tread pattern would be parallel to the direction of slope and thus not have anywhere near as much gripping power.

When traipsing in either a clockwise or counter-clockwise motion on a slope it would be better to have a pattern of ridges that ran from toe to heel, and thus, again be in a perpendicular orientation to the direction of the slope. If one were similar to most of us and find the need to not just move up and down, but also right and left on a slope it would be rather impractical to change shoes for the different directions.

Thankfully, most manufacturers offer patterns that are practical for all applications. While most manufacturers offer a pattern suitable for any occasion, I still see patterns that are biased to be better in one direction rather than all directions.

Another important consideration is the flexibility and resilience of the sole material. A softer material will have significantly greater gripping power than a hard material. However, a softer sole material will not last as long as a hard sole material-- especially as these boots and shoes are used on very abrasive surfaces. Again, most manufacturers realize their products will be worn in varying environments and so have selected a compromise material, a material that will wear well on wood floors as well as quarry bottoms.

Another sole consideration is water. Many of the wanderings through the woods I do when seeking lost or forgotten quarries brings me into contact with brooks, creeks and streams - all of which are wet. I frequently have occasion to walk on, over and through wet slippery rocks. If one has ever experienced such situation, one will no doubt recall the slipperiness of slick, bio-film, and moss covered rocks. Even a superior lugged sole can lose its grip on rounded slippery rocks. So, in such instances, having a soft sole with great gripping power is most helpful. The salient point when working in wet environments is to try and keep one’s feet dry.

Additional footwear considerations also come to mind. If one is prone to dropping rocks, perhaps such folks should consider using strong or safety toe footwear. If one were to crawl among the rocks or walk on or over tough and abrasive surfaces, folks should consider using strong or safety toe footwear.

Folks should also consider safety toe footwear if walking through biting insect or critter inhabited areas or areas of unknown danger.

Do you see a pattern forming here? Yes, I do suggest wearing good and appropriate footwear -- footwear suited for the occasion. As I like to say, it is not that the sole makes the man, it is that the sole makes the man, or woman, or entire family safe.

The takeaway here is that your foot safety matters...even if it sometimes becomes a wet foot.



## AFMS & RMFMS REVIEW



**American Federation of Mineralogical Societies**

**Website: [www.amfed.org](http://www.amfed.org)**

**April Newsletter**

### AFMS Uniform Rules

New 2017 Uniform Rules are available on the website

([www.amfed.org/rules/rules.htm](http://www.amfed.org/rules/rules.htm)).

You can download the internet versions of the following:

- 2017 Updates
- 2017 Complete Uniform Rules
- Reference List of Classifications and Common Names for Fossils
- Mineral Classification List
- List of Lapidary Mineral Names

Please note that there is a new category for exhibiting, category "J" - Meteorites.



*June 9-11, 2017 Ventura CA*

**CFMS/AFMS SHOW & CONVENTION**

### Rockhound Soapbox

**by John Martin, Conservation & Legislation**

The 2017 AFMS Convention and show will be held in Ventura, California in June. An issue has been raised and should be brought to the attention of Exhibitors and Dealers planning on attending the event. That issue is IVORY. While ivory has been banned for many years by the American Federation of Mineralogical Societies for display in competitive exhibits, ivory has been seen at several shows this last year. While in some states local ivory laws exclude the ownership and sale of fossil and extinct ivory, the state of California in 2015 passed an Ivory Law (Assembly Bill No. 96) that became effective in July 2016. The California Ivory Law bans all ivory including Fossil and Extinct Ivory. If ivory is displayed in California and observed by State officials and or a Fish and Wildlife Game Warden it may (most probably) be confiscated and citations written to the owner. So if you own ivory keep it in your homes and out of display in public. Please do not bring it to California for the 2017 CFMS/AFMS Convention and show. More information on state and federal ivory laws may be found on the American Lands Access Association (ALAA) Website. <[www.amlands.org/478667.html](http://www.amlands.org/478667.html)>.

**Rocky Mountain Federation of Mineralogical Societies**

**Website: [www.rmfmms.org](http://www.rmfmms.org)**

**April Newsletter**

An invitation is extended to any AFMS/RMFMS club member to attend the William Holland workshops offered June -September through the Southeast Federation of Mineralogical Societies at Wildacres Retreat in north Georgia. Classes cover varied topics such as chain maille, raku pottery, metal and fire, spoon jewelry, intarsia, faceting gemstones, seed beading and decorative gourds. See the website [sfmsworkshops.com](http://sfmsworkshops.com) for further information.

## **TRMS WORKSHOP—A GREAT RESOURCE FOR CLUB MEMBERS!**

TRMS members are welcome to use the club workshop during the scheduled sessions. You will be asked to sign a waiver if you work at the shop. Young people must be accompanied by an adult. Material for cutting and polishing is available at the shop for \$1 a slab. There is a charge for cutting a piece on the big saw. Please, contact the shop foreman or the charge person 24-hours in advance.

### **TRMS WORKSHOP HOURS, ATTENDANTS**

**First Saturday-- 1 p.m – 5 p.m**

**Third Tuesday-- 5:30 - 9 p.m.**

**David Hogate**

**(918-630-4702)**

**Fourth Thursday-- 5:30 - 9 p.m.**

**Billy McBay**

**(918-407-6066)**

**Third Saturday -- 1 p.m. - 5 p.m**

The workshop is located next to Elsing Museum in the lower level of the Learning Resource Center on the campus of Oral Roberts University, 81st and Lewis, Tulsa.

## **Minutes of the Board Meeting - April 4, 2017**

Meeting started at 7:13 pm.

Those in attendance: Donna Loffer, Roberta Wagle, Amy Puls, Trinity Hurd, Billy McBay, Julia Alande, Martha & Tony Rongey, Sharon Richards, Visitors: Scott Robb, Wayne Mouser, Steve Loffer, Finis Riggs, Paulino Allande.

Julia made a motion to accept the minutes as printed in the bulletin, second by Roberta, motion passes. Roberta made a motion to accept the treasurer's report as printed, second by Julia, motion passes.

Sharon - provided a current list of members that have paid their dues, honorary members, and complimentary bulletins (to other organizations). We have 363 members in the data base but only 176 (this includes families) have paid dues this year. We are mailing 69 bulletin and we are not covering the cost of printing and mailing with our dues. We are mailing 14 complimentary bulletins. More discussion was held on if we continue to provide emailed bulletins to expired members which does not cost the club anything and is a source of advertisement. No definite decision was made.

Billy reported that the shop was doing fine. Donna let it be known that Billy needs help at the shop with additional foremen/women to allow time off to the others. Billy asked how money designated to the shop was to be used. Sharon explained that the money from the auction at the Hicks was mostly spent on the costs of new belts. Discussion was held on how the shop should get a new supply of cutting material. The clubhouse that stores club rocks is located at the Allande's. Billy was unaware of this and will make arrangements to stop by.

Amy reported that the field trips were listed in the bulletin through June. Discussion was held on clarification of insurance of members for field trips. Any RMFMS member is covered under the liability insurance.

### BOARD MEETING, CONTINUED:

Scott made the recommendation that anyone going on the field trip to The Crater of Diamonds in June build a shaker box to use at your chosen digging spot to eliminate carrying extra weight to the sluicing stations.

Old Business: Current Practices - A guide on how we are to accomplish what the bylaws state. Scott asked if the board would like himself along with Bob & Nancy to continue to work on a set of Current Practices for the club. The draft that he provided in January to review was only a very rough draft to them started. Sharon made the motion for Scott, Bob & Nancy to continue, second by Trinity, motion passes.

Donna reported that one of our current Directors would not be able to meet minimal duties and would be sending in a letter of resignation. Once a letter has been received according to the bylaws the Board will need to appoint a new Director.

New Business - Sharon reported that we have lost a couple of our honorary members in the last year or so, we are allowed 6 honorary members. Sharon made a motion to grant honorary membership to Bob & Nancy Hicks, second by Roberta, discussion was held among the board members, motion passes. The Board will make a recommendation at the next general meeting 4/10/17 that Bob Hicks and Nancy Hicks be nominated for 1 of the open honorary memberships. A vote will need to be held at the meeting. Honorary memberships are permanent memberships within the club. The Board will also ask for recommendations from the general membership for consideration of the final honorary membership.

Sharon reported that Linda Jaeger has the books ready for the 2016 audit. Roberta recommended that a professional audit be conducted due to all of the problems with the IRS in other clubs. Julia reported that Austin had lost their 501C3 status due to a mistake and they are working very hard to get it back. We will need a CPA that is familiar with corporate 501C3. Martha suggested contacting Howerton, Morris, Simpson & Smith, they do the Junior Achievement Assoc. It will be brought up during the general meeting for any other suggestions.

A budget discussion was held. There has not been a budget set for the current year with the exception of the show budget. Each Chair will need to bring a proposed budget to the next board meeting to be discussed. Sharon will pull a previous year's budget to make comparisons. Discussion was held on how to get paid back for purchases such as stamps, a receipt will need to be turned into Sharon if reimbursement is needed for club expenditures.

New grab bag cards have been ordered and received with the new TRMS website listed. Previously filled bags will need someone to open and switch cards during the grab bag party in May.

A short discussion was held regarding the delegates meeting held in Albuquerque. Amy has checked into club T-shirts, Martha will also check on pricing.

Roberta made a motion to adjourn at approximately 8:30 pm, second by Trinity, motion passes.

### **Minutes of the General Membership Meeting – April 10, 2017**

Meeting was called to order at 7:04pm by President Donna Loffer at the Presbyterian Church.

Roberta Wagle moved to approve treasurer's report as published – motion carried.

The hospitality report announced 67 present and 5 visitors: Jerry Deering, Karla Reyes, Karen Butler, Ted Reynolds, and Sophia Price.

Amy Pulls announced upcoming trips to Salt Plains on April 15. The May rose rock trip has been cancelled. The June field trip will be a trip to the diamond mine in Arkansas.

The Rock Show committee is still accepting volunteers for the 2018 Rock Show.

May 13 is the Grab Bag party at the Loffer's, beginning at 10:30 am. Potluck meal.

The social hour for snacks for the May meeting falls on last names A-H.

Donna Loffer moved to hire a CPA to organize the club's books, seconded by Roberta, motion carried.

Julia moved to make Bob Hicks an Honorary Member, motion carried.



### GENERAL MEETING, CONTINUED:

A presentation was given by archeologist Ryan Anderson on a current dig site in Oklahoma. He talked about the artifacts found and their age.

Following the presentation Junior Rockhounds of America coordinator Julia Allande presented James Pulls with two more badges he has completed.

President Loffer reminded the assemblage of the Show Committee meeting next Monday at the church at 7pm and of the monthly luncheon at the 21<sup>st</sup> street Golden Corral at 11:30am on the last Tuesday of the month.

Shop Chair Billy McBay advised that the shop has plenty of rock specimens as slabs and uncut material. He told what days and evenings the shop will be open. Nothing further, meeting adjourned at 8:35pm.

Respectfully submitted,  
Carlos Reyes, Secretary

### AFMS Endowment Fund Raffle

*By Richard Jaeger*

I am the RMFMS representative for the AFMS Endowment Fund. The drawings for the AFMS Endowment Fund prizes will be held on June 10th at the AFMS Show in Ventura, California. You don't need to be present to win. At least one TRMS member has won a prize for at least the last 7 years. There are usually about 30 prizes, ranging generally from \$75 to \$200 in value, which can be minerals, fossils, gems, jewelry, or anything related to our rock-hounding hobby. These prizes are donated by rock hounds from around the United States; I donated a framed Wyoming fossil fish + insects slab this year. The cost of the tickets are \$5/ticket or \$20/for 5 tickets.

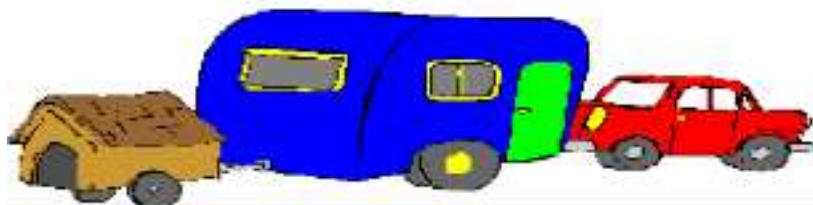
Among the things supported by the Endowment Fund are the Junior Programs; this includes the publications and badges used by Julia Allande for our Junior Program. The Endowment Fund also supports the Program Library and new programs to be made available to rock clubs around the country. Among the other items supported by the Fund are the training sessions for judges for competitive exhibits.



I will have the tickets available to sell at our May meeting or you can order them from me. My mailing address is given below. Please make checks out to the AFMS Endowment Fund. The tickets from the 7 Regional Federations will be put into separate bags and one, usually two, are drawn from each bag to insure there will be winners from each of the regions. After that all tickets are dumped into the same container for the remainder of the drawings. Last year there were 5 winners from the Rocky Mountain Federation.

Please consider purchasing tickets. I will send your tickets to Chery Neary, the AFMS Chair for the Endowment Fund and will send the check to Pat LaRue, our AFMS Treasurer. I'll also send the ticket stubs to you. It's a good way to support our hobby and, who knows, you just may be a winner.

## ON THE ROAD AGAIN



*Submit items for the "On the Road Again" page to editor Kay Waterman by the 20<sup>th</sup> of the preceding month by email at [kay.waterman@cox.net](mailto:kay.waterman@cox.net).*

**May 5-7—McPherson Gem & Mineral Club's 25th Annual Show.** 4-H Building & Grounds, 710 W. Woodside, McPherson, KS Hours: Friday & Saturday 9-6; Sunday 10:30-3 pm. Admission: FREE Fossils, gems, minerals, lapidary and handmade jewelry from vendors across the US. Highlights are hourly door prizes, displays, free specimen identification & kids' spin'n'win. Contact: (McPherson) Kim Vasper, 1489 Janasu Road, McPherson, KS 67460, E-mail: [kimvasper@yahoo.com](mailto:kimvasper@yahoo.com)

**May 13—Enid Gem & Mineral Society's Annual Rock Swap** Location: Meadowlake Park, south entrance, covered pavilion south side of Enid, west side of Highway 81. Hours: 9 - 4 PM Admission: FREE Buy, sell or trade gemstones, rocks, minerals and fossils. Gemstone jewelry, tools, cabs, slabs, beads, rough and petrified wood. For kids: Spin & Win and Grab Bags.

**May 12-13 – Joplin Tri-State Rock and Mineral Show**, Shefferdecker Park, Hwy 43 N, Joplin.

**May 26-28, Fossil Fish Dig, Kemmerer, Wyoming.** Friends of Dinosaur Ridge is sponsoring a field trip to collect fossil fish at a private quarry in Kemmerer, WY. The registration fee of \$550 per person (\$525 for Friends, members and volunteers) includes transportation to and from Kemmerer, 2 nights lodging, 2 breakfasts and 2 lunches, 2 speaker sessions about the fossils, and 2 days (4 hours each) digging for fossils. Registration and full payment is due by May 5. For full info and a copy of the registration form, please write to [volunteer@dinoridge.org](mailto:volunteer@dinoridge.org).

**May 27-28 Fort Worth Gem & Mineral Club** 66th Annual Show, Location: Will Rogers Memorial Center, 3401 W. Lancaster, Ft. Worth, TX. Hours: Saturday 10-6, Sunday 10-5; Admission: Adults \$5, Seniors/Students \$4, Children under 16 are free. Jewelry, gems, minerals, fossils & beads. Wheel of Chance, Rock & Fossil Dig for kids. Silent auction, door prizes & Grand Prize raffle. Web site: [www.fortworthgemandmineralclub.org](http://www.fortworthgemandmineralclub.org)

**June 2-4 Gem Faire, Inc.** - Tulsa Expo Square, 4145 E. 21st Street, Tulsa, OK. Hours: Friday 12-6, Sunday 10-5 Web site: <http://www.gemfaire.com> Admission: \$7 weekend pass; children 0-11 free. Fine jewelry, precious & semi-precious gemstones, beads, crystals, gold & silver, minerals & more at manufacturer's prices. Jewelry repair & cleaning while you shop. Hourly door prizes.

**July 8-9—Tulsa, OK: Tulsa Rock and Mineral Society** Annual show Tulsa County Fairgrounds-Exchange Center; 4145 E. 21st Street ; Sat. 9-6, Sun. 10-5; Adults/Seniors \$6, Children free under 12; Includes gems, beads, fossils, jewelry, crystals, working exhibits, free kid's zone and demonstrations. Contact Martha Rongey, 612 W. 120th St. S. Jenks, OK 74037 (918)-230-1094; e-mail: [m\\_rongey@sbcglobal.net](mailto:m_rongey@sbcglobal.net).

### UPCOMING FEDERATION SHOWS IN 2017:

California/AFMS	Federation	June 9 - 11	Ventura, CA
Eastern	Federation	October 21-22	Bristol, CT
Midwest	Federation	May 6 –7	Brainerd, MN
Northwest	Federation	May 19-21	Hamilton, MT
South Central	Federation	November 10-12	Humble, TX
Southeast	Federation	October 20-22	Knoxville, TN

## TRMS MAY, 2017

The club regularly meets at 7 p.m. on the second Monday of the month at the College Hill Presbyterian Church, 7<sup>th</sup> and Columbia near the TU tennis courts. Hospitality hour precedes each meeting, with coffee and snacks. Visitors are always welcome. Pebble Pups meet at 6:15 preceding the general membership meeting.

For Workshop sessions contact the name listed or foreman Billy McBay at 918-407-6066 24 hours in advance.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6 WORKSHOP 1 pm - 5 pm Billy McBay David Hogate
7	8	9 TRMS BOARD meeting 7 pm College Hill	10	11	12	13
Mother's Day 	15 CLUB MEETING 6 pm Coffee 6:15 Pebble Pups 7 pm Meeting	16	17	18	19	20 1 pm - 5 pm Billy McBay David Hogate
21	22 SHOW MEETING 7 PM AT THE CHURCH Call Eric Hamshar	23 WORKSHOP 5:30 pm - 9 pm Call David Hogate 918-630-4702	24	25 WORKSHOP 5:30 pm - 9 pm Call Billy McBay 918-407-6066	26	27
28	29 	30 TRMS LUNCH 11:30 am Golden Corral 21 <sup>st</sup> /Memorial	31			