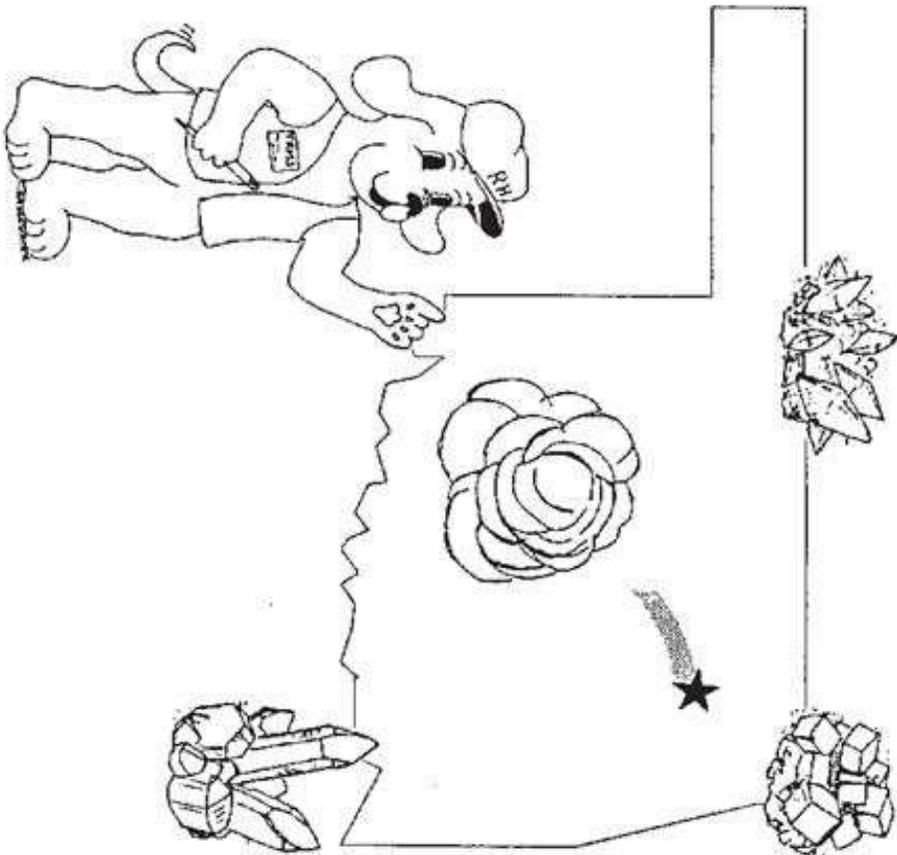


Tulsa Rock & Mineral Society
P.O. Box 2292
Tulsa, OK 74101



T-TOWN ROCKHOUND

Tulsa Rock & Mineral Society

September 2018 Vol. 66 No. 9

Box 2292, Tulsa, OK 74101

TULSA ROCK & MINERAL SOCIETY

ADDRESS: BOX 2292 TULSA, OK 74101

www.tulsarockandmineralsociety.org .**2018 Officers are elected by club members each November**

President	Donna Loffer	918-407-1194;918-371-5051	donnaloffer@att.net
1 st VP/Programs	Peter Grice	918-607-3445	peter-grice@utulsa.edu
2 nd VP/Field Trips	James/Amy Puls	918-430-5858	amypuls1@gmail.com
Secretary	Roberta Wagle	918-695-4291	wagemom@gmail.com
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Web/Library	Martha Rongey	918-230-1094	m_rongey@sbcglobal.net
Historian	Larry Wagle	918-695-1527	wagledad@gmail.com
Past-President	Tony Ronaev	918-619-7861	tronaev@yahoo.com
Directors	Julia Allande, Steve Ridgeway, George Hill		

2018 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
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Publicity	Martha Rongey	918-230-1094	m_rongey@sbcglobal.net
By-Laws	Bob & Nancy Hicks, Scott Robb		azketr1@gmail.com
Social Hour			
Hospitality Table	Kimberly Perry		kimberlyaperry@cox.net
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, 7th 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 20st of the month preceding publication, to Editor, T-Town Rockhound: Kay Waterman, kay.waterman@cox.net or mail to 1334 N. McFarland Place, Claremore, OK 74017. E-Mail Exchange Publications to kay.waterman@cox.net.

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

T-TOWN ROCKHOUND

September 2018

Vol. 66 No.9

tulsarockandmineralsociety.org

FROM THE PRESIDENT

What a great meeting we had in August, with 96 guests and members. Snacks for the social hour at the September 10th meeting Social will be handled by members with last names K thru O.

I would like to thank every person who helped prepare things for the Spin Game. All the people who worked on Grab Bags, Lilik Hakola for making the trees, Roxanna Chamberlin and Debbie Taylor for making the cloth bags. Thanks to everyone who donate rocks for the grab bags and silent auction. The kids and adults love playing the games and making bids.

I had a wonderful trip to South Dakota for the Federation Convention and show. Thanks to Ben and Liz Thomas for letting me hitch a ride with them and putting up with all my field trip finds.

If you would like to run for club office for this coming year, call nominating committee chair Amy Puls at 918-430-5858 and let her know. Nominations will be printed in the October newsletter. Nominations from the floor will also be taken during the November general meeting, when the 2019 election of officers will take place.

Please remember that it takes every club member to make the club work.

President: Donna Loffer

*Photo top: Paulino Allande draws door prize winners with Eric Hamshar and Fred White.
Bottom Photo: Ben Thomas, Donna Loffer & Roberta Wagle, rose rock field trip, 2014?*





Field Trip News!

Amy and James Puls, co-chairs

We will be joining the Oklahoma City Rock and Mineral Society for our September field trip to the Salt Plains in September. This will be a great opportunity to meet other club members from around the state as well.

There is a wonderful website with information at <https://www.travelok.com/state-parks/3204>. The selenite crystal dig area is located southwest of the lake in the Salt

Plains National Wildlife Refuge, and access roads are available six miles west of Jet or three miles south of Cherokee.



Jet, OK 73749

DIRECTIONS: Going west from Jet, travel 6 miles on SH 64 to the Crystal Digging Site sign, turn right (north) and travel three miles and then turn right (east) and go one mile.

Bring spare clothes and shoes, towels, buckets, digging tools and plenty of water. Bring drinks, snacks or lunch. Use plenty of sun protection even if it is cool. You can take 11 pounds of crystals home and there is no fee.

OMGS Salt Plains National Wildlife Refuge Invitation—September Field Trip

Open to Oklahoma Mineral and Gem Society and members of other Oklahoma clubs Saturday September 29, 2018 – meet at 9:00am @ the Salt Plains in the parking area, by the restrooms near the Observation Tower.

You may call James Puls, TRMS, 918 625-5065; Dick Opalka 405 821-9124 or Ron Krakowski 405 226-9651, OMGS.



PEBBLE PUPS

--Julia Allande, JRoA Coordinator

Ooops! I failed to mention what messy fun we had in July at our meeting! After discussing the differences between meteorites, asteroids, comets, and tektites, the six Pebble Pups went outside and learned, by tossing rocks, marbles, and BBs into pans of flour, how craters are made by meteorites. They learned that size, speed, and angle of impact made a difference to the resultant crater.

Dylan and Alaina Stauffer brought in their reports of their assigned craters. Good job, guys! Hopefully those reports are in this newsletter. Those who did not complete your reports yet can still get them done. Remember, you want to answer "who?" (like, who discovered it), "when?" (did it happen or was discovered), "where?" in the world, "what?" (meteorite, strewnfield, what?) and anything else interesting.

Julia & Adam Proctor

Then ten Junior Rockhounds of America and their adults went outside and attempted to find meteorite dust. We found some stuff, sure enough! Now we get to examine it under magnification to see if any of it qualifies as meteorites! If you bring your dust back we will look at it closely with loupes (magnifying glasses). Be sure you label your container with your name, the date you collected it, and where (Tulsa, Oklahoma).



Congratulations to Adam Proctor and Mo Bullard for earning their Fossils and Collecting badges, and also to Adam for earning his Rocks and Minerals, Lapidary Arts, Gold Panning and Prospecting, Gemstones Lore and Legends, Fluorescent Minerals, and the Rockhound badges.

September-----Back to School.... Let's make ourselves aware of how rocks and minerals are used in our everyday world. We will be looking around ourselves to identify these most useful materials, and to see what the material looked like before it was altered to be the useful stuff it is now.

Alaina Stauffer

August Research

Campo del Cielo, Argentina

A group of iron meteorites fell near Buenos Aires, Argentina nearly 5000 years ago. The crater field covers an area of 1.9 by 11.5 miles and contains around 26 craters. The first iron fragments were discovered in 1576, and fragments are still being discovered today. The total weight of the fragments recovered so far is about 100 tons, which means this is possibly the heaviest meteorite ever recovered on Earth.

Dylan Stauffer

August Research

Sikhote-Alin meteorite

Strewnfield Russia

An iron meteorite fell on the mountains in 1947. It was huge. The strewnfield covers an oval area of about half a square mile. Fragments of the meteorite made craters as big as 85 feet across and 20 feet deep. Pieces of the meteorite were driven into nearby trees.

Editor's note: My scanner failed when I tried to upload these handwritten pieces from our TRMS Pebble Pups sister and brother Alaina and Dylan Stauffer. What I could not communicate in the translation into Calibri 12-point was the charm of these pieces—Alaina's writing was pencil, carefully within the margins of the wide-ruled paper and there were no erasures. Dylan's was impressive with his penciled name in caps (mostly) and about three times the size of the rest of his piece. Well done, young people!

Date	Treasurer's Report for September Newsletter Submitted by Jerry Nagel - Treasurer	Income	Expense	Deposit or Expense total	
	Balance as of June 30, 2018				\$ 4,574.74
	Income:				
07/03/18	Dues - G Lunsford Ck#2506 \$12	\$ 12.00			
07/03/18	Dues - R & M Archer Ck#1794 \$15	\$ 15.00			
07/09/18	Nametag - B Bell Cash \$9.75	\$ 9.75			
07/09/18	Dues - J McElroy Ck#1046 \$12	\$ 12.00			
07/09/18	Dues-A & C Stauffer Family Ck#2254	\$ 7.50			
07/09/18	dues & Nametag - R Wingfield MO \$15.75	\$ 15.75			
07/09/18	Dues - S Bedingfield Cash \$6	\$ 6.00			
07/09/18	Dues & Nametags - C Bedingfield / V Cook Cash \$27	\$ 27.00			
07/14/18	Dues - Price Family - \$15 cash	\$ 15.00			
07/14/18	Dues - H & J Todd - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - Steve Mauldin - \$6 Cash	\$ 6.00			
07/14/18	Dues - Anna Gates - \$12 Cash	\$ 12.00			
07/14/18	Dues - S Spinharney & Karen Sibley-\$15 Cash	\$ 15.00			
07/14/18	Dues - A Medlock - \$6 Cash	\$ 6.00			
07/14/18	Dues - D Lewis - Cash \$6	\$ 6.00			
07/14/18	Dues - J & C Stroup - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - T & T Karman - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - Cruz Palanco - \$6 Cash	\$ 6.00			
07/14/18	Dues - Diana Cook - \$6 Cash	\$ 6.00			
07/14/18	Dues - Bob Stratton - \$12 Cash	\$ 12.00			
07/14/18	Dues - B & L Cannella - \$7.50 Check	\$ 7.50			
07/14/18	Dues - J & S Wolfenbarger - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - M Hedge & M Graziano - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - T Hendrick & Jacob M - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - J & K Snider - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - R & D Turner - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - C & H Davis - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - T Williams & K Schrader - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - A Morgan - \$6 Cash	\$ 6.00			
07/14/18	Dues - K Geren - \$6 Cash	\$ 6.00			
07/14/18	Dues - J & S Johnson - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - S & J Nowak - \$15 Cash	\$ 15.00			
07/14/18	Dues - C Bailey - \$6 Cash	\$ 6.00			
07/14/18	Dues - S & B Baggett - \$7.50 Cash	\$ 7.50			
07/14/18	Dues - M Moon - \$6 Cash	\$ 6.00			
07/14/18	Donation	\$ 0.50			
07/15/18	Dues - C & M Bicket - \$15 Cash	\$ 15.00			
07/15/18	Dues - H & M Ervin - \$15 Cash	\$ 15.00			
07/15/18	Dues- Dayna Pacquette - \$12 Cash	\$ 12.00			
07/15/18	Dues - T & A Johnson - \$7.50 Cash	\$ 7.50			
07/15/18	Dues - Y Dressel - \$6 Cash	\$ 6.00			
07/15/18	Dues - S Ward & L Bowlin - \$7.50 Cash	\$ 7.50			
07/15/18	Dues - K Jacobs - \$6 Cash	\$ 6.00			
07/15/18	Dues - B Brennan - \$6 Cash	\$ 6.00			
07/15/18	Dues - A & C Emerson - \$7.50 - Cash	\$ 7.50			
07/15/18	Dues - K Vaughn - \$6 - Cash	\$ 6.00			
07/15/18	Dues - D Hoase - \$6 - Cash	\$ 6.00			

07/15/18	Dues - J Horine - \$6 - Cash	\$ 6.00		
07/15/18	Dues - L Hamilton - \$6 - Cash	\$ 6.00		
07/15/18	Dues - V & K Summers - \$7.50 - Cash	\$ 7.50		
07/15/18	Dues - W & A Fisher - \$7.50 - Cash	\$ 7.50		
07/15/18	Dues - S & C Fowler - \$7.50 - Cash	\$ 7.50		
07/15/18	Dues - D & J McCutchen - \$7.50 - Cash	\$ 7.50		
07/15/18	Dues - J & S Aldag - Ck#2655 - \$7.50	\$ 7.50		
07/15/18	Dues - W & J Broaddes - \$7.50 - Cash	\$ 7.50		
07/15/18	Dues - P Phenicie - \$6 - Cash	\$ 6.00		
07/15/18	Dues - L & A Doray - 7.50 Cash	\$ 7.50		
07/15/18	DEPOSIT		\$ 491.00	
07/30/18	Dues - K & J Kohut - Ck#1033 - \$7.50	\$ 7.50		
07/30/18	Dues & Nametags - C & M Smith - Ck#6687 - \$27.00	\$ 27.00		
07/31/18	DEPOSIT		\$ 34.50	
	Total income:	\$ 525.50	\$ 525.50	
	Expense:			
07/03/18	#1699 W Mouser - Postage for July Newsletter	\$ (45.44)		
07/04/18	#1700 Hartford- 3 yr Surety Bond (\$50K)	\$ (300.00)		
07/10/18	#1701 Ink Images 200 NL's #27255	\$ (230.06)		
07/12/18	#1702 US Sign Name Tags #1802041	\$ (77.05)		
	Total expenses:		\$ (652.55)	
	Balance as of July 31, 2018			\$4,447.69



Compiled by Wayne Mouser from T-Town Rockhound archives

5 YEARS AGO SEPTEMBER 2013: 44 people were in attendance which included 6 visitors and one new member Melissa Chance. Scott Robb announced bulk mail regulations were changing. Becca B. was awarded both the TRMS & OSCMS scholarships. Richard Jaeger announced other AFMS awards went to Scott Robb, Julia & Paulino Allande and Leon Reeder. The Pebble Pups were awarded "trilobite butts". Roberta Wagle announced that the club had received a donation during the show of a couple of rock tumblers, and supplies from John Charbonneau, a resident of Okay, OK. President Stirling announced the library is beginning a renovation in March and the club was looking for a new location to hold meetings. The program was "Show and Tell". Ten members shared their treasures and stories with the membership. Virgil Richards led the field trip to Lake Oologah, Blue Creek Cove for fossils. The club picnic was held at Haikey Creek Park. Bob Stratton had a real unique collection of various stones in the library case

.Richard Jaeger wrote an article titled "TRMS Supports RMFMS & AFMS".

15 YEARS AGO SEPTEMBER, 2003: 38 members were in attendance. Mary Watts and Noah Maddox won the door prizes. President Gary Cooper reminded the members the October meeting would be held on Wednesday, due to Columbus Day. Wayne Mouser announced that Doug Kreis of the Ada Club had recently died. Also, Scotty West's rocks and equipment would soon be for sale. Tulsa Community College Professor of Geology Claude Bolze presented the program titled "Minerals Formed by Ground Water". Three field trips were taken in September OSCMS swap at Tahlequah, NW Arkansas G&M Club swap and to the Bluff Dwellers Cave and museum at Noel, AR. Chris Fite wrote an article titled "Garnets Remembered". Ruth Potts and Wayne Mouser shared written memories of J. D. Townsend.

25 YEARS AGO SEPTEMBER, 1993: 39 members and guests were in attendance. President Leon Reeder announced the club auction will be held in November, the Oklahoma Mineral & Gem Society show would be held in October and the Denver show would be held in September. He also said a number of books and scrap books were missing from the library and the club needs to get the library back in order. Roxanna Chamberlin is reported to be traveling in Ireland and Greenland. Fred White led the field trip to the Bartlesville area to look for fossils. Tom Windle from Bartlesville presented the program on making cabochons. Editor Pat Gregory wrote an article about attending the TRMS picnic and swap held near Jack & Belva Hill's home. She also wrote about Scotty & Faye West's and Rick & Kathryn's Ferrell's excursion to scout out a field trip for Boley agate.



Display Case September 2018

This month's display case is presented by Roxana Chamberlin. It will be in place until the end of September. I look forward to putting your display in the case! Contact Julia Allande for more information.

--Julia Allande

QUARTZ FIELD TRIP-- TRMS Members Ken Siler and friend, at left. In the right photo below, Heather and Adam Proctor show off finds at the Ron Coleman mine, during the TRMS August field trip to Arkansas for quartz crystals.



Photos Provided by Amy Puls



South Dakota, July 2018: Kay Waterman says

“ I am so ready to go back!” Going clockwise from top left, the Corn Palace in Mitchell--outer walls decorated in corn mosiacs; Prairie Edge Trading Post and Galleries in Rapid City; the Badlands Driving Loop; Wall Drug, advertised all across the state on I-90 for its free ice water; Dignity statue near Chamberlain, overlooking the Missouri River. Rapid City is known as the City of Presidents, not only for its proximity to Mount Rushmore, but the city also boasts 48 life-sized bronze statues of 48 US Presidents in its downtown center. Another great draw is the Crazy Horse Statue and Memorial just west of Rapid City, and Custer State Park to the south. I had a terrific time travelling to each of these places with Ben & Liz



Thomas and Donna Loffer during our trip to the Rapid City show, hosted by the Western Dakota Rock & Mineral Society. High temps in the 80's, NO HUMIDITY in late July!

Pictures from South Dakota Tourism website

SEPTEMBER ANNIVERSARIES

Sylvia & Steve DeLeon
 Judy & Bob Lieser
 Kevin & Stephanie Mounce
 Jim & Ruth Williams
 Wayne & DeLane Cox

Dates of birthdays and anniversaries are provided by membership application information submitted to the club.



SEPTEMBER BIRTHDAYS

Russell Babcock
 Brandan Calvert
 Chuck Dye
 Linda Fabian
 Jay Gourd
 Judy Gourd
 Mary Hiner
 Judi Jarvis
 Steve Loffer
 Geraldine Mouser
 Vanessa Palmeri
 Madeline Patterson
 Emily Perry
 Eli Peters
 Mark Peterson
 Mary Jo Peterson
 Dwayne Watkins Redfearn
 Jacklyn Robb
 Jerry Toops
 Fred White
 Elaine Burns Williams



2018 Rocky Mountain Federation Show and Convention

By Richard Jaeger

Tulsa Rock and Mineral Society was well represented at the RMFMS Show & Convention in Rapid City, South Dakota, in July. We had 14 members in attendance which was more than any other club in the Federation except for the host Western Dakota Gem & Mineral Society. TRMS members attending were Wayne & DeLane Cox, Bob & Nancy Hicks, Richard & Linda Jaeger, Chester & Elaine Lee, Donna Loffer, Ben & Liz Thomas, Larry & Roberta Wagle and Kay Waterman.

Several TRMS members also have jobs in the Federation. TRMS members currently serving on the RMFMS Executive committee are Liz Thomas as President, Wayne Cox as Secretary, Virgil Richards as the Oklahoma/Arkansas State Director and Richard Jaeger as Past President. Our members also serve on several other committees. Richard Jaeger is currently chairman of Name Badge, Nominating, and Scholarship Committees, Finis Riggs is chairman of the Supplies Committee, DeLane Cox is chair of the Public Relations Committee and a member of the Long Range Planning Committee, Kay Waterman is chair of the Directory Committee, Wayne Cox is a member of the Finance Committee.

RMFMS Show and convention, continued:

Linda Jaeger is chair of the Publications Contest Committee and Stan Nowak is the representative for Oklahoma on the Public Lands Advisory Committee.

Roberta Wagle and Kay Waterman served as delegates for TRMS to the annual RMFMS House of Delegates meeting. Wayne & DeLane Cox served as delegates for the Northwest Arkansas club and the Oklahoma State Council. Upcoming RMFMS Show & Conventions include the 2020 show in Big Piney, Wyoming and the joint RMFMS/AFMS Show in Sandy, Utah in 2021. Hopefully our Tulsa club will be well represented at those shows.

New officers elected to serve another term in their positions beginning November 1st are Liz Thomas as President, Bob Regner of the Albuquerque club as Vice President, Gene Maggard of Leon, KS as Treasurer, Wayne Cox as Secretary. Cinda Kunkler remains as Historian. Elected as State Directors were Kathy Honda for Colorado, Robert Carlson for New Mexico/Texas, Cecilia Evans for Oklahoma/Arkansas, Tom Burchard for Utah, and Stan Strike for Wyoming. The remaining State Directors have another year to go on their term of office.

The show itself was quite enjoyable. There were about forty-three dealers with a wide variety of material, an extensive silent auction area, and a kids' area. A number of excellent programs were presented as well. There were about thirty exhibits including five competitive exhibits, two of which received RMFMS Trophies, including a junior exhibitor. Bob Hicks, Richard Jaeger, and Liz Thomas helped judge the competitive cases. Bob & Nancy Hicks helped with security at the show. Both the Breakfast with Editors & Webmasters and the Awards Banquet were well attended; the food was good and everyone seemed to have a good time.



Roberta and Larry Wagle

TRMS Members Larry & Roberta Wagle received an award for a photo collage from Quartzite that was printed in our T-Town Rockhound. Unfortunately, our RMFMS Honorary Scholarship Awardee, Dr. Matthew E. Brueseke, an Associate Professor in the Department of Geology at Kansas State University was unable to attend. Cinda Kunkler of the Topeka club shared information about the two students he has selected to receive the \$4000 Scholarship Awards. Perhaps the highlight of the Awards Banquet was Liz Thomas' generous contribution of \$20 (in fees in tribute to the RMFMS President's hat) to the AFMS Scholarship Foundation! ☺

The Western Dakota Gem & Mineral Society, and Show/Convention chairman Martin Kocanda are to be commended for their hard work and for the success of the show. The hospitality was outstanding. Linda and I were able to go on one of the several field trips arranged for RMFMS members; we had a great time and found some good material. Several of our members went on additional field trips and enjoyed them all. All of our members visited other places of interest near Rapid City and on the way to and from the show. As always, my favorite part of the show was being able to visit with old rockhound friends from around the Federation and to make new friends.

You Might Be a Rockhound if...

- You think road cuts are built as tourist attractions
- You describe your vacations by the rocks you brought home.
- The rock pile in your garage is over your head.
- Your PC screen saver features pictures of rocks.
- You find rocks when you empty your pockets at night.
- You went to a rock festival and you hate music.
- You gave rocks, tumblers, or rock tools for Christmas.
- When friends say they're going to Tucson, you assume it'll be in February.
- You can find Quartzsite on a map in less than 5 seconds.
- When someone mentions "Franklin" you think of New Jersey, not Ben.

from amfed.org via The Rockhound 7/18

Reprinted from the Central Pennsylvania Rock and Mineral Club's August, 2018 Rockbuster News, via The Rockhound, July 2018.

Thoughts on Being a Role Model

How can you be a positive rockhound role model?

How we interact with others is paramount in being a positive rockhound role model. You don't have to have a 'Smithsonian' rock collection to be a fantastic rock hound role model. We influence others every day by being POSITIVE! Every message we send as rock hounds is critical so let's set the bar high! Everyone appreciates if you help set up or clean up after club meetings. I sure take notice! Be a true hot shot at the next field trip and show others what it means to be a good steward of the land by collecting only what you can reasonably use. Or maybe share a great find!

Role models are not afraid to be unique! Be proud of your extreme knowledge of a mineral specialty or your insight into rare gemstones. Positive role models don't pretend to be someone they are not! Be proud of your strength and accomplishments! Be proud to be a rockhound!!

Always respect others, show gratitude and give others a helping hand. Remember, we can do more together than alone. Most importantly finish what you start. No one is perfect. The best way to be a positive role model is accepting responsibility when a mistake is made.

Be a rock hound teacher as well as a learner. Get out of your comfort zone and surround yourself with others. Treat fellow rock hounds the way you want to be treated. Bring surplus materials to the club to share with others. Older rock hounds will appreciate your generosity, especially if they can no longer enjoy attending field trips. Youth will absorb your optimism, integrity and passion for rock hounding. Junior members are always watching and listening, admiring all of you!

Look in the mirror. Are you a positive rockhound role model?

"I am thankful for small mercies. I compared notes with one of my friends who expects everything of the universe, and is disappointed when anything is less than the best, and I found that I begin at the other extreme, expecting nothing, and am always full of thanks for moderate goods." Ralph Waldo Emerson

Reprinted from the Central Pennsylvania Rock and Mineral Club's August, 2018 Rockbuster News, Written by club president Carrie Meyers.

Pretty Country, But Look Out for the Bison!

By TRMS Member DeLane Cox

Wayne and DeLane Cox, TRMS members and board members of the Rocky Mountain Federation, attended the Federation Convention in Rapid City, South Dakota, in mid-July.

Rather than go the traditional, boring route on all interstate highways, Wayne routed them cross-country. And it was beautiful. Due to the large amount of rain the mid-west has had, the corn was very tall and green, just starting to tassel, the wheat was ripening – some already cut and the straw already baled-a beautiful sight of golden fields, and the alfalfa was first-cut baled and sitting in fields so green they were almost ready for their second cut.

Neither Wayne nor DeLane had ever been to North Dakota, so they left after the RMFMS show and headed north. When they crossed the border, North Dakota completed the list of all 50 states they have been in.

Richard Jaeger and Russ Olliger had told Wayne about some petrified wood in N.D., so he planned their route to go by the area. First area did not turn up anything of great interest. But the owner of the land told Wayne about a "pile of petrified rocks" in another of his fields.

A couple miles of travel, and THIS one was good. There was a huge pile of rocks that had been cleared from the wheat field, just piled up in the middle. Since the wheat had been cut and the straw baled, Wayne could drive the truck right up to the rock pile. Yup, lots of petrified rocks....beautiful petrified wood rocks. Wayne only took three kitty litter boxes of rocks, leaving the rest for others to collect. To DeLane's delight, there were small patches of druzi in a couple of pieces.

Cox Bison Adventure, continued:

From the "petrified rocks" Wayne and DeLane went to another National Park which they did not know existed before the Convention...Roosevelt National Park. This is the site of Teddy Roosevelt's early farm, where he tried to raise cattle. Seems the cattle were not a good investment, and he had to sell the farm and move into politics.

The area was very interesting to drive around. Most of the land is a bit like junior Bad Lands, but lovely to look at. DeLane always looks for wild animals. They did spot a few bison wading in the river. The ranger at the Visitor's Center told them that the North Park had more animals, and they should drive there.

They did, and it was more Badlands-looking landscape. Until almost to the very end of the road. There, about a half-mile away, were hundreds of bison. Well out of picture range, though. Except for the one BIG guy who was snuggled up to a boulder right beside the road for his afternoon nap. Really within petting range--if one was brave or stupid, which Wayne and DeLane are NOT.



But it was in very good camera range. Take a couple of pictures of sleeping bison then head on up and turn around to come back. Big Guy was still sleeping. However, his best friend was ambling down the hillside, straight for where Wayne and DeLane sat in their truck watching him. Then, just on cue, he turned sideways, stopped and looked toward the truck, just before he ambled on down and around the truck. (I kept wondering where they got the bison and trained them to pose for those pictures for the visitors. It was impressive.) Bison are really very large animals. You can't really tell until you are right upon them.

Or, eating them. Richard and Linda Jaeger, Judy and Larry Beck (from the McPherson (KS) Gem & Mineral Club), and Wayne and DeLane Cox had supper at the Dakotah Steakhouse in Rapid City, which prides itself on serving buffalo ribs. Richard and Judy gave them a try. Imagine a piece of meat large enough to feed a family of four on a bone that hung over both ends of a 12-inch platter by three to four inches. It was big. And they said it was quite good. But, if you ask the group, the two-hour plus meal, although good, was probably the only time they will be there. Service left much to be desired.

Wayne and DeLane made it back home about four days later. The last day of travelling south from Kansas City was very cloudy. And, lucky for them, the rain waited until they were home to wash the mud off the truck.

The Dakotas were not even remotely what DeLane says she was expecting, in spite of having been through the Badlands and Mt. Rushmore country many years ago. But it was certainly beautiful this year. With the rains they have had, more of the minerals were leaching out, and there were beautiful colored bands in the rocky hillsides...not bright, but at least the oranges, greys and blacks could be clearly seen.

So, if you ever get a chance to go to the Badlands and Mt. Rushmore, it is well worth the trip. Watch out for the bison!

AFMS & RMFMS REVIEW

AFMS and RMFMS summaries prepared by Connie Cassity

American Federation of Mineralogical Societies

Website: www.amfed.org

Rocky Mountain Federation of Mineralogical Societies

Website: www.rmfmns.org

Neither newsletter was available for review prior to publication deadline.



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

First Saturday 1:00 to 5:00 PM

Third Saturday 1:00 to 5:00 PM

Third Tuesday 5:30 to 9:00 PM

Fourth Thursday 5:30 to 9:00PM

Contact Billy McBay, supervisor, 918-407-6066

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.

August 7, 2018 TRMS Board Meeting minutes

In attendance: Donna Loffer, Peter Grice, Roberta Wagle Jerry Nagle, Billy McBay, Larry Wagle, Julia Allande, George Hill, Steve Loffer, Paulino Allande & Wayne Mouser

President Donna Loffer opened the board meeting at 7:06 p.m. Larry Wagle made a motion to accept the secretary's report as printed; seconded by George Hill-- motion approved. Roberta Wagle made a motion to approve the treasurer's report as printed; seconded by Billy McBay--motion approved.

Peter Grice discussed the projector screen for the church ranging anywhere from \$60 to \$200. The club voted to spend \$100 at the last meeting to help the church buy a new projector screen. Peter also announced that Donna Loffer would be doing the August program with a demonstration on wire wrapping. He is needing a volunteer to give or suggestions for the September program. He asked for volunteers or suggestions. The October program will be given by Claude Bolze.

Discussion was held on the installation of officers. Roberta Wagle made a motion to move our installation of officers to December, seconded by Julia Allande. Motion approved.

Billy McBay reported the workshop had some new TRMS members in to visit. There was no show committee report and no field trip committee report at this time. Peter Grice reported that James Puls is looking for a collection site to collect grab bag and spin wheel material for the club.

Julie Allande had talked to one contractor to repair the TRMS storage building and had not received an estimate yet. The doors need to be replaced as well as the roof. Shelving and storage for TRMS club cases were discussed.. Donna Loffer suggested using a temporary storage building while repairs are done to the current club building. She noted it would be a good time to inventory all equipment and showcases. Discussion followed.

A workday to build mineral educational boxes was discussed. Possible locations for working on the boxes included the church, ORU and the Loffer's house.

Committees were named for the RMFMS/AFMS Rockhound and Junior Rockhound of the Year. Julia Allande will head the Junior nomination committee. A chair for the Rockhound (adult) member recognition was not decided.

Jerry Nagle reported that the CD had been closed at Arvest and opened at Valley National Bank. Jerry also reported that we were still waiting for some incoming expenses for the show before he would have a final tally.

Discussion was held on the donations received by the club. Bylaws were reviewed, and our current bylaws state that the donation chairman along with his committee decide where donations go. Jerry Nagle and Sharon Richards will work together on a new TRMS Club Directory.

Roberta Wagle made a motion to adjourn 2nd by Peter Grice at 8:02 p.m.

Respectfully submitted, Roberta Wagle

August 13, 2018 TRMS Membership Meeting minutes

President Donna Loffer opened the meeting at 7:02 p.m. Finis Riggs made a motion to accept the secretary's report as printed ; seconded by Dolores Wall-- motion approved. Martha Rongey made a motion to approve the treasurer's report as printed; Finis Riggs seconded—motion approved.

Hospitality chair Kimberly Perry reported 11 guests had signed in. TRMS President Donna Loffer welcomed all new members and guests in attendance. Ben and Liz Thomas provided 12 pieces of stabilized turquoise for the door prizes.

The Pebble Pups' project for this meeting was collecting "meteorite dust" outside the church. Julia Allande presented Mo Bullard and Adam Proctor badges for fossils and collecting. Julia also announced that Adam Proctor had completed his Rocks and Minerals, Lapidary Arts, Gold Panning and Prospecting, Gemstones Lore and Legends, Fluorescent Minerals, and the Rockhound badges. Twelve Pebble Pups present received a piece of Arizona agate for their collections, courtesy of the Southern Nevada Gem and Mineral Society. Martha and Tony Rongey will provide the September Pups with specimens from Pakistan.

James Puls, field trip coordinator announced that August 18th would be a trip to Mount Ida and the Ron Coleman mine for quartz crystal digging. He also reminded everybody that the Indian artifact show would be held on August 25th at the Mabee Center with an entrance fee of \$5.

2018 Show co-chair Finis Riggs asked members to return show yard signs to him. Next Monday night would be the last show committee meeting to finish closing the 2018 show out. Finis thanked all who worked so hard for the show this year.

Jerry Nagel asked for all outstanding bills to be turned as soon as possible and for everyone to pick up name tags that have been ordered. Donna Loffer announced that the September snacks will be provided by members with last names K - 0.

Richard Jaeger reported from the South Dakota convention that Liz Thomas president of the Rocky Mountain Federation had been fined \$20 for not wearing her hat during the TRMS July show. Both Richard and Liz laughed and said Richard's fines had totaled \$140 while he was the Rocky Mountain president. During the RMFMS Editor/Webmaster breakfast at the RMFMS Convention in Rapid City last month, TRMS members were recognized with awards: Larry and Roberta Wagle and Amy Puls for articles, Wayne Mouser for his column *The Conglomerate*, and *T-Town Rockhound* for large bulletins.

Jerry Nagle announced the Tahlequah show would be held August 17-18 and Oklahoma City show is October 27-28.

Donna Loffer recognized James Puls for a feature article about him, printed in a recent issue of *Oklahoma Magazine*. Extra copies of the monthly publication were available at the hospitality table.

Billy McBay asked members to contact him if Billy planned to attend work sessions at the shop at ORU. The next session is set for Aug. 18, 1-5 pm.

Amy Puls will be the chairman of the nominating committee to fill 2019 positions on the TRMS board of officers. Contact her if interested. September is the month to look, October would be the month to present, November to vote and installation in December. Open positions will be field trip coordinator and president, all other positions would be available if anybody would like to step up. Donna also announced that the installation of officers would be moved from the Golden Corral in January to the December Christmas meeting at the church.

Anybody wanting a club vest please see Donna Loffer. Cost is either \$35 or \$38. She asked those interested to give her the name, phone number and shirt size for each vest. The monthly TRMS luncheon will be August 28 at the Golden Corral, 21st and Memorial.

Educational boxes will be built at the Loffer's and Donna asked that anybody that could get one of the free probes from Harbor Freight to watch for the coupon and bring those please.

Roberta Wagle asked anyone with pictures or articles about club activities to share them with her for the TRMS yearbook. She plans to present the yearbook for the 2017-18 RMFMS contest. Please get it to her as quickly as possible.

This month's display case at the church is filled with Roxanne Chamberlin's fossil teeth and will stay up through September. Julia said the October case would be put in by one of the Pebble Pups and Tony and Martha Rongey would be putting in the November case.

The meeting was turned over to Peter Grice, program chair, who introduced Donna Loffer and her wire wrapping demonstration. Donna wrapped a piece, with her instruction being broadcast onto the big screen.

Liz Thomas made a motion to adjourn.

Respectfully submitted, Roberta Wagle

OSCMS FALL SWAP AND CORRELL MUSEUM OPEN HOUSE

Saturday, October 20, 2018

10 am – 5 pm

At the D.W. Correll Museum

Catoosa, Oklahoma

(One Block West of Route 66 on Pine St.)

Sponsors: D.W. Correll Museum,

Tulsa Rock & Mineral Society and the Oklahoma State Council of Mineralogical Societies

Admission and parking are FREE (including museum)

Rocks, Minerals, Fossils, Jewelry, Lapidary goods

Buy/Sell/Trade

Vendor set-up 9 am, Swap opens at 10 am. No set-up fee.

11:30 am - The OSCMS will hold a live auction to fund the OSCMS scholarship. Donations gratefully accepted.

12 noon - Following the auction, all are welcome to a potluck lunch. Please bring a dish to share. OSCMS will provide table service and drinks.

1:30 pm - Following lunch, there will be a meeting of the OSCMS Board. All OSCMS clubs: please send a representative.

For more information contact

Eric Hamshar, Correll Museum Director, 918-266-3612 or DeLane Cox, OSCMS President, 479-254-0894

COPROLITE FOSSILS

Coprolites form in much the same way as any other fossil - the original organic material is infused with water containing dissolved minerals, and as the minerals crystallize, the original material is slowly replaced by stone.

Most people, when handed a coprolite for the first time, go and sniff it as their first impulse. But it smells of nothing but stone, because that's all it is now, technically speaking. Coprolites are at a disadvantage from the start in the fossil-forming process. Generally speaking, the quicker to decay an object is, the less likely it is to successfully fossilize. Fossilization takes time, and if the whole thing rots before it can finished, well, no fossil.



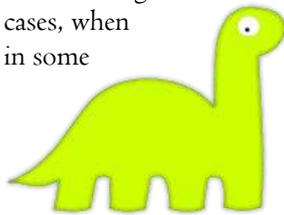
That's why hard and durable objects, such as bones and teeth, are much more common fossils than soft tissues, or coprolites. Coprolites were first identified as what they actually are, by a woman named Mary Anning (21 May 1799 - 9 March 1847). Mary Anning was a fossil collector and paleontologist from southern England, and noticed these odd stones inside the abdominal areas of the ichthyosaur fossils she was collecting. When she broke them open, she noticed they had fragments of fossilized fish bones and scales.

In 1829, Arming's observations led a geologist named William Buckland to propose that these stones were the digested remnants of the dinosaurs' last meals, and he gave them the name of coprolites. Those fossil fragments inside coprolites contain a wealth of scientific information, for anyone who really wants to look closely.

The kinds of fossils contained in the coprolite can tell us a lot about the environment the creature was living in, by what it found in the area to eat. It also reveals the creature's preferred food sources, such as whether it was an herbivore or a carnivore, and

sometimes it will even reveal what parasites plagued its creator. And, yes, we learn a lot about its intestinal systems. That's pretty much a given.

The challenge, of course, is in determining exactly *which* species of creature left a particular coprolite behind. In some cases, when there are a lot of fossilized remains of a particular animal around, it's easy to make a good guess. And in some cases, as with Mary Arming's fossils, the coprolites were petrified while still within the animal's body. But with a more isolated coprolite specimen, it can be very difficult.



Early human settlements left the occasional coprolite as well, so they have archaeological value as well as geological value. As it turns out, we can learn about our own history from them. A human coprolite found in a cave in Oregon revealed the existence of a long-lost 13,000-year-old society. And a research team from the University of Colorado, studying an ancient Anansi settlement in Colorado known as Cowboy Wash, uncovered human remains showing what they believed to be evidence of cannibalism. They tested a coprolite found nearby, and discovered it contained a protein only found in human muscle tissue, confirming their theory.

Oddly enough, coprolites from dinosaurs and other prehistoric beasts are often used in jewelry. Due to the mineralization, many of them have bright and beautiful coloration. And, well, you get a great answer to give when someone says, "Ooh, what a pretty necklace! What stone is that?" Some people may think coprolites are disgusting, but like any other fossil, they're also windows into a lost and wondrous past on this planet.

Reprinted from the Glacial Drifter, Aug 2016; Via the Rockpile, September, 2017



WD-40—Who Knew?

Submitted by Rick Estes from the Internet via the Ozark Earth Science Club News, August 2018; via Tips and Chips, 2013 With clarifications and corrections also provided from the Internet, the "WD-40 Official Website" August 2018.

What IS the main ingredient of WD-40? Before you read to the end, do you know what the main ingredient of WD-40 is? NO CHEATING..... (News flash 2018—The parent company of WD-40 claims the ingredients are a trade secret and remain so to this day.)

I had a neighbor who bought a new pickup. I got up very early one Sunday morning and saw that someone had spray painted red all around the sides of this beige truck (for some unknown reason). I went over and woke him up to tell him the bad news. He was very upset and was trying to figure out what to do....probably nothing until Monday morning, since nothing was open. Another neighbor came out and told him to get his WD-40 and clean it off. It removed the unwanted paint beautifully and did not harm his paint job that was on the truck. I was impressed.

WD-40 = "Water Displacement #40." The product began from a search for a rust preventative solvent and degreaser to protect missile parts. WD-40 was created in 1953, by three technicians at the San Diego Rocket Chemical Company. Its name comes from the project that was to find a 'Water Displacement' compound. They were finally successful for a formulation, with their fortieth attempt. The 'Convair Company' bought it in bulk to protect their atlas missile parts. Ken East (one of the original founders) says there is nothing in WD-40 that would hurt you.

43 other uses for WD-40 on the next page

WD-40 continued:

1. Protects Silver from tarnishing
2. Removes road tar and grime from cars
3. Cleans/ lubricates guitar strings;
4. Gives floor that 'just-waxed' sheen without making them slippery.
5. Keeps the flies off of cows, horses, and other farm critters, as well. (Ya gotta love this one!);
6. Restores and cleans chalkboards;
7. Removes lipstick stains;
8. Loosens stubborn zippers;
9. Untangles jewelry chains;
10. Removes stains from stainless steel sinks;
11. Removes dirt and grime from the barbecue grill;
12. Keeps ceramic / terracotta garden pots from oxidizing;
13. Removes tomato stains from clothing;
14. Keeps glass shower doors free of water spots;
15. Camouflages scratches in ceramic and marble floors;
16. Keeps scissors working smoothly;
17. Lubricates noisy door hinges on both home and vehicles doors;
18. It removes that nasty tar and scuff marks from the kitchen flooring. It doesn't seem to harm the finish and you won't have to scrub nearly as hard to get them off. Just remember to open some windows if you have a lot of marks;
19. Remove those nasty bug guts that will eat away the finish on your car if not removed quickly
20. Gives a children's playground gym slide a shine for a super-fast slide;
21. Lubricates gearshift and mower deck lever for ease of handling on riding mowers;
22. Rids rocking chair and swings of squeaky noises;
23. Lubricates tracks in sticking home windows and makes them easier to open;
24. Spraying an umbrella stem makes it easier to open and close;
25. Restores and cleans padded leather dashboards in vehicles, as well as vinyl bumpers;
26. Restores and cleans roof racks on vehicles;
27. Lubricates and stops squeaks in electric fans;
28. Lubricates wheel sprockets on tricycles, wagons, and bicycles for easy handling.
29. Lubricates fan belts on washers and dryers and keeps them running smoothly;
30. Keeps rust from forming on saws and saw blades, and other tools;
31. Removes grease splatters from stove-tops;
32. Keeps bathroom mirror from fogging;
33. Lubricates prosthetic limbs;
34. Keeps pigeons off the balcony (they hate the smell);
35. Removes all traces of duct tape;
36. Spray it on arms, hands, and knees to relieve arthritis pain;
37. Florida's favorite use is: 'cleans and removes love bugs from grills and bumpers;'
38. The favorite use in the state of New York - it protects the Statue of Liberty from the elements;
39. WD-40 attracts fish. **NOT!** ~~Spray a little on live bait or lures and you will be catching the big one in no time. Also, it's a lot cheaper than the chemical attractants that are made for just that purpose. Keep in mind though, using some chemical laced baits or lures for fishing are not allowed in some states;-~~
40. Use it for fire ant bites. It takes the sting away immediately and stops the itch;
41. It is great for removing crayon from walls. Spray it on the marks and wipe with a clean rag;
42. Also, if you've discovered that your teenage daughter has washed and dried a tube of lipstick with a load of laundry, saturate the lipstick spots with WD-40 and rewash. Presto! The lipstick is gone
43. If you spray it inside a wet distributor cap, it will displace the moisture, allowing the engine to start.

P.S. ~~As for that basic main ingredient.....Well..... it's FISH OIL!~~ **NOT!** The official WD-40 website says fish oil is not an ingredient in their lubricant. Wikipedia says not to use it on fish lures except to keep lures from rusting.

More Fun Facts About WD-40®

- A bus driver in Asia used WD-40® to remove a python, which had coiled itself around the undercarriage of his bus.
- Police officers used WD-40® to remove a naked burglar trapped in an air conditioning vent.
- [The WD-40® Book](#), featuring many user testimonials and the wacky humor of Jim & Tim, The Duct Tape Guys™, was published in 1997. The familiar blue and yellow can has been featured in other books ranging from [The Big Damn Book of Sheer Manliness](#) (General Publishing 1997) [Polish Your Furniture With Pantyhose](#) (Hyperion 1995) to [WD-40® for the Soul: A Guide To Mending Everything](#)
- Leslie Nielsen portrayed agent Dick Steele (a.k.a., Agent WD-40®) in the 1996 movie *Spy Hard*
- WD-40® has a Fan Club with more than 100,000 members.
 - As The Duct Tape Guys say, “You only need two tools in life, Duct Tape® and WD-40®. If it’s not stuck and it’s supposed to be, Duct Tape it. If it’s stuck and it’s not supposed to be, WD-40® it.” And, if you really need the secret formula, you can find it.....written on a single notepad.....locked in a vault.....somewhere in California.....if you can get in.



ON THE ROAD AGAIN

SEPTEMBER 8-9, 2018—SILOAM SPRINGS, ARKANSAS: Annual show; Northwest Arkansas Gem & Mineral Society; Clubhouse, Hwy. 43 and Lawlis Rd., 14029 White Oak Lane; Sat. 9-5, Sun. 10-4; free admission; tailgate swap, free setup, rock-related auction Saturday; contact Dave, 14029 White Oak Lane, Bentonville, AR 72712, (479) 721-1579; Email: hulagrub@aol.com; Website: nwarockhounds.org

SEPTEMBER 14-16, 2018-- DENVER, CO: 51st Denver Gem & Mineral Show Denver Mart, 451 E. 58th Avenue (intersection of I-25 and 58th Avenue) Denver. "Minerals of Mexico". Show chair: Lesley Sebol, lesleysebol@gmail.com or 720-999-1372.

OCTOBER 10, 2018 –CATOOSA, OK: OSCMS Fall Swap and Correll Museum open house, at the DW Correll Museum, 10 am – 5 pm. Vendor set-up begins at 9 am. No charge to set up. Contact DeLane Cox at 479-254-0894

OCTOBER 12-13, 2018—MOUNT IDA, AR: CRYSTAL DIGGING CONTEST, SPONSORED BY THE MOUNT IDA AREA CHAMBER OF COMMERCE; Montgomery County Fairgrounds, Fairgrounds Rd; Fri. 7-4, Sat. 8-4; Admission \$100; Join us for the 31st Annual Amateur World Championship Quartz Crystal Digging Contest October 12 and 13! Compete against other miners and maybe even win cash and a trophy. Keep all you find! Competitors assemble in the Assay Office at the fairgrounds for orientation and registration Friday morning at 7am. Banquet and awards ceremony on Saturday night after the contest. Contact Chamber Director, Mount Ida, AR 71957, (870)-867-2723; Email: director@mountidachamber.com; Website: mountidachamber.com

OCTOBER 12-14—MOUNT IDA, ARKANSAS: Annual show; Mount Ida Area Chamber of Commerce; Montgomery County Fairgrounds, Fairgrounds Rd; Fri. 8-6, Sat. 8-6, Sun. 9-4; Free Admission; Dealers from around the country, food, crystals, crystals and more crystals. Free Parking; contact Chamber Director, (870)-867 2723; Email: director@mountidachamber.com

October 27-28—OKLAHOMA CITY, OKLAHOMA: Annual show; Oklahoma City Mineral & Gem Society; Oklahoma State Fair Park, Modern Living Building, General Pershing Blvd.; Saturday, 9-6, Sunday, 10-5; adults \$6, children under 12 free; children's crafts, door prizes, auctions, lapidary demos, fluorescent room; contact Doug Pollitt, Oklahoma City, OK 73151, (405) 719-8477; Website: OMGS-minerals.org

**OKLAHOMA 2018
Mineral and Gem Show**

The Modern Living Bldg,
608 Kiamichi Pl
Oklahoma State Fair Park
Oklahoma City, OK

October 27, 2018 9am -- 6pm
October 28, 2018 10am -- 5pm
Admission: \$6 Adults
Children under 12 are free

See and buy worldly treasures:

Artisan Jewelry - Tools - Gemstones
Fossils - Rough Rock - Crystals - Exhibits
Demos - Education - Children's Area

Oklahoma Mineral & Gem Society
omgs-minerals.org
Check us out on Facebook

TRMS SEPTEMBER 2018

The club regularly meets at 7 p.m. on the second Monday of the month at the College Hill Presbyterian Church, 7th and Columbia near the TU tennis courts. A social 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 foreman Billy McBay at 918-407-6066 or the charge person 24 hours in advance.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p><i>"Too often we judge other groups by their worst examples, while judging ourselves by our best intentions."</i></p> <p><i>George W. Bush, 43rd President of the US</i></p>						<p>1</p> <p>WORKSHOP ORU Closed for Holiday</p>
<p>2</p>		<p>4</p> <p>TRMS BOARD Meets, 7 pm</p> <p>College Hill</p>	<p>5</p>	<p>6</p>	<p>7</p>	<p>8</p>
<p>9</p> <p><i>Grandparents' Day</i></p> <p><i>Rosh Hashanah</i> <i>Begins at sunset</i></p>	<p>10</p> <p>TRMS MEETS 6 pm Snacks K-O 6:15 Pebble Pups 7 pm Membership</p> <p>College Hill Church</p>	<p>11</p> <p><i>Rosh Hashanah</i> <i>Ends at sunset</i></p>	<p>12</p>	<p>13</p>	<p>14</p>	<p>15</p> <p>WORKSHOP 1 - 5:00 pm Billy McBay 918-407-6066</p> <p>ORU Learning Center, downstairs</p>
<p>16</p>	<p>17</p>	<p>18</p> <p>WORKSHOP 5:30 pm – 9 pm Billy McBay 918-407-6066 ORU Learning Center, downstairs</p> <p><i>Yom Kippur begins at sunset</i></p>	<p>19</p> <p><i>Yom Kippur ends at sunset</i></p>	<p>20</p>	<p>21</p>	<p>22</p>
<p>23</p>	<p>24</p>	<p>25</p> <p>TRMS LUNCHEON 11:30 am Golden Corral just E of Memorial on 21st</p> <p>ALL WELCOME!</p>	<p>26</p>	<p>27</p> <p>WORKSHOP 5:30 pm – 9 pm Billy McBay 918-407-6066</p> <p>ORU Learning Center, downstairs</p>	<p>28</p>	<p>29</p> <p style="text-align: right;">30</p>