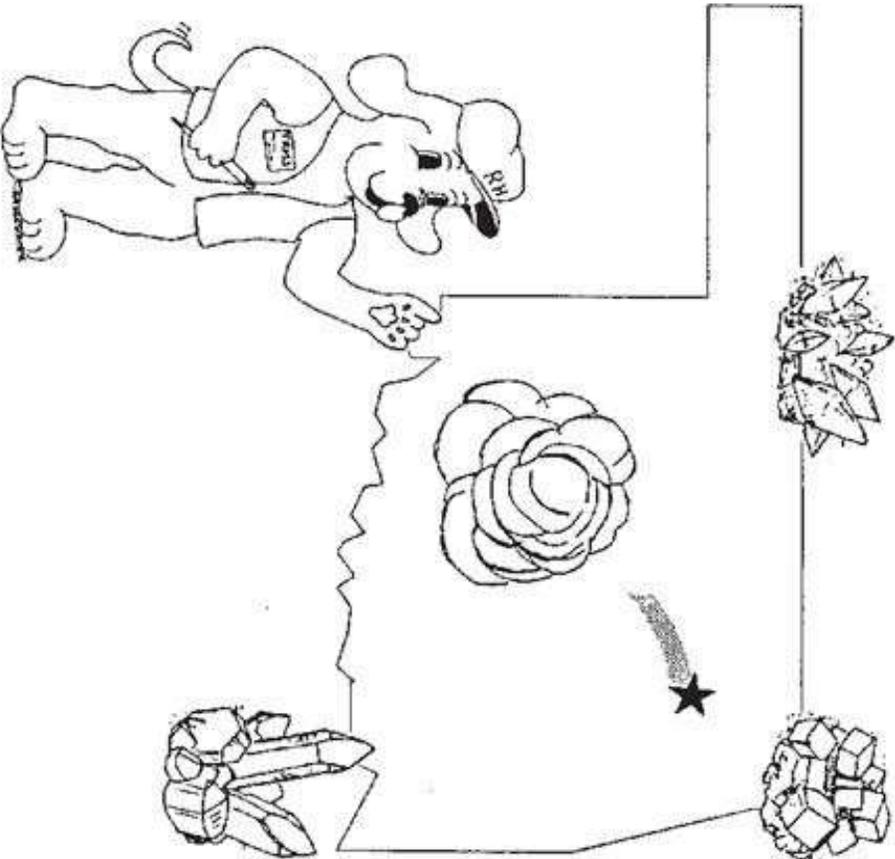


Tulsa Rock & Mineral Society
P.O. Box 2292
Tulsa, OK 74101



Presidents' Day is Feb. 18



T-TOWN ROCKHOUND

Tulsa Rock & Mineral Society

February 2019 Vol. LXVII No. 2

Box 2292, Tulsa, OK 74101

TULSA ROCK & MINERAL SOCIETY

ADDRESS: BOX 2292 TULSA, OK 74101

www.tulsarockandmineralsociety.org .

2019 Officers are elected by club members each November-December

President	Steve Ridgway	918-557-1107	
1 st VP/Programs	Peter Grice	918-607-3445	peter-grice@utulsa.edu
2 nd VP/Field Trips	Holly Proctor	918-361-3081	hollyteach@email.com
Secretary	Robert Waggle	918-695-4291	wagglemom@gmail.com
Treasurer	Jerry Nagel	918-640-1324	jnagel1@cox.net
Shop Foreman	Billy McBay	918-455-0602	xfiles4321@msn.com
Editor	Kay Waterman	918-521-4386	kay.waterman@cox.net
Web/Library	Martha Rongey	918-230-1094	m_rongey@sbcglobal.net
Historian	Larry Waggle	918-695-1527	wagledad@gmail.com
Past-President	Donna Loffer	918-407-1194; 918-371-5051	donnaloffer@att.net
Directors	Richard Jaeger, George Hill, Sharon Richards		

2019 Committee Chairs are appointed by the incoming President

Chatpile Editor	Wayne Mouser	918-582-8700	okyrocks@cox.net
Rock Donations	Larry Waggle	918-695-1527	wagledad@gmail.com
Show 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
Publicity	Martha Rongey	918-230-1094	m_rongey@sbcglobal.net
By-Laws	Bob & Nancy Hicks, Scott Robb		azketr1@gmail.com
Pebble Pups	Julia Allande	918-834-3405	allande@cox.net
Hospitality Table	Kimberly Perry	918-859-3053	kimberly.perry@ehi.com
Uniform Rules	Leon Reeder	918-346-7299	leonreeder47@yahoo.com
Need VOLUNTEERS for Education and Hospitality. Contact TRMS President Steve Ridgway			

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

February, 2019

Vol. LXVII No.2

*Monthly newsletter of Tulsa Rock and Mineral Society
tulsarockandmineralsociety.org*



Treats for the February 11 general membership meeting hospitality hour will be courtesy of the members with last names beginning with the letters A through E.

Field Trip News

I am Holly Proctor, the new Field Trip Coordinator. I'm fairly new to the club, but I've loved rocks my whole life. I have been an Art teacher at All Saints Catholic School in Broken Arrow for many years. (That sounds better than the number!) I have experience scheduling field trips, but of a very different kind! My son, Adam, loves the Pebble Pups. I will be honest, I was a little nervous about this position. But this club is so great, I've already had so much advice that I'm much more at ease!

My goal is to plan a variety of field trips to appeal to everyone. I'm planning a trip for February to Gilcrease Museum to see their collection of Stone Age tools. I apologize, I'm waiting to hear back for the museum on a date and time. When I know I'll get the information out in an email and on the Facebook page. Holly Proctor-FT Coordinator

From the Program Chairman

A shout-out to Riverfield County Day School for allowing us to hold our January meeting there! Thanks to Bob Hicks and Steve Ridgway for working with the auction sales! The February program is probably going to be a movie about the end of the dinosaurs since I haven't gotten any other ideas/requests. If anyone would like to speak at a future meeting, or has a topic they would like to learn about, please contact Peter Grice at peter-grice@utulsa.edu, and I will see what I can get worked out.

Thank you,
Peter Grice

SHOW COMMITTEE MEETING—COME JOIN US!



We had the first Show Committee Meeting of the year on Jan 21st, and had a good turnout. It looks like most of the dealers from last year would like to come back. We have already had many volunteers willing to lead the different areas of the show, but we still need more participation from club members. It is through the tireless participation of regular club members that make our annual show a success. Please, lend a hand and a voice to help make the 2019 show a special one!

We are in need of specimens for both the grab bags and the spinning wheel. These should be small (under 2") and relatively inexpensive, such as small tumbled stones, minerals such as Oklahoma rose rocks, quartz, or selenite, or small fossils like shark's teeth, crinoid stems, etc. If you have something you can donate or know someone who does, please let Donna Loffer or Eric Hamshar know. The "grab bag party" will be sometime in May.

The next Show Committee Meeting will be held on Monday, February 18th, at 7 pm at College Hill Presbyterian Church at 712 S Columbia Ave, Tulsa. If you have any questions or comments, please feel free to contact Show Chair, Eric Hamshar at johnhamshar@yahoo.com or call 918-284-3503]

Eric Hamshar, show chair

OSCMS Scholarship Nominee Introduction

Brittany Stroud, Class of 2020, Junior Geology major, is being nominated by Stan Nowak of the Enid Gem and Mineral Society, and her professor, Dr. Doug Elmore, for the OSCMS \$1000 scholarship, according to OSCMS President DeLane Cox.

The Oklahoma State Council of Mineralogical Societies is an umbrella organization which coordinates Oklahoma rock swaps and shows so as to avoid conflicts. Each Oklahoma club is being asked to weigh in on this scholarship nomination. State clubs include Tulsa, Enid, Shawnee, Ponca City, Oklahoma City and including the Northwest Arkansas club.

Dr. Elmore writes of his student: "Brittany is an excellent student and has been doing an outstanding job for me in my lab. She would be an excellent recipient for the scholarship." In her scholarship application, Brittany writes: "This past summer I served as a teacher's assistant on an OU geology field trip to Colorado and New Mexico...it was a great opportunity to meet other aspiring geoscientists and answer questions." Her GPA is 3.02. "I understand the value of money... I have been awarded the Obhrai Scholarship, and the OU Multicultural Engineering scholarship, as well as a scholarship gift from my childhood Methodist Church." Ms. Stroud works a job as an assistant in the OU geology department lab and has worked also at the OU bookstore. She is seeking another job off-campus to help pay for tuition and books.

Tulsa Rock and Mineral Society's board of directors will vote on this applicant for the OSCMS grant at the February board meeting and present the club with this nomination for a vote at the general membership meeting Feb. 11.

Date	Treasurer's Report for February Newsletter Submitted by Jerry Nagel - Treasurer	Income	Expense	Deposit or Expense total	Bank Balance
	Balance as of November 30, 2018				\$ 9,315.16
	Income:				
12/04/18	Shop money from Billy MacBay	\$ 95.00			
12/04/18	Dues & 2 Nametags - S & R Ridgway Cash \$34.50	\$ 34.50			
12/04/18	Dues - P Grice \$12 Cash	\$ 12.00			
12/04/18	Dues - J Puls Ck#1605 - \$12	\$ 12.00			
12/04/18	Dues - C & A Puls Family - Ck#1605 - \$15	\$ 15.00			
12/04/18	Dues - J & M Nagel - Ck#4671 - \$15	\$ 15.00			
12/04/18	Dues - T & M Rongey - Ck#2556 - \$15	\$ 15.00			
12/04/18	Dues - A & J Robb - Cash \$15	\$ 15.00			
12/04/18	Dues - S & J Robb - Cash \$15	\$ 15.00			
12/04/18	Dues - S & D Loffer - Cash \$15	\$ 15.00			
12/10/18	D Loffer - Vest / Patch sales	\$ 40.00			
12/10/18	Dues & Nametag - S Bedingfield - Ck#8585 - \$21.75	\$ 21.75			
12/10/18	Dues - G Launford - Ck#2559 - \$12	\$ 12.00			
12/10/18	Dues - V & G Richards - Cash - \$15	\$ 15.00			
12/10/18	Dues - B Mcbay - Cash - \$12	\$ 12.00			
12/10/18	Dues - K & J Mounce - Cash - \$15	\$ 15.00			
12/10/18	Dues - J Smith - Cash - \$12	\$ 12.00			
12/10/18	Dues - P & J Allande - Cash - \$15	\$ 15.00			
12/10/18	Dues - S Robinson - Cash - \$12	\$ 12.00			
12/14/18	Dues J & S Alday - Ck# 2673 - \$15	\$ 15.00			
12/20/18	Dues(12) & Donation(8) - D Sima - Ck#8648 - \$20	\$ 20.00			
12/20/18	Dues - E & J Talla Ck#2719 - \$15	\$ 15.00			
12/20/18	Dues - A & S Shaeffer - Money Order \$15	\$ 15.00			
12/20/18	Dues - R Doden Ck#2905 - \$12	\$ 12.00			
12/27/18	Dues - M Hiner Ck#1006 \$12	\$ 12.00			
12/27/18	Dues - R Jarboe Cash \$12	\$ 12.00			
12/27/18	Dues - T & A Johnson - Ck#10339 \$15	\$ 15.00			
12/27/18	Dues - J & K Slankard Ck#5365 \$15	\$ 15.00			
12/27/18	DEPOSIT			\$ 529.25	
	Total income:	\$ 529.25		\$ 529.25	
	Expense:				
12/03/18	#1722 - W Mouser - Postage for Dec NL		\$ (71.00)		
12/04/18	#1723 - Ink Images - Dec NL(110) Inv#27744		\$ (162.78)		

12/10/18	1724 - D Loffer - Food for Xmas dinner		\$ (96.01)		
12/10/18	1725 - M Rongey - Website Renewal		\$ (59.75)		
12/11/18	1726 - A Puls - Food for Xmas dinner		\$ (47.05)		
12/11/18	1727 - RMFMS - Dues Ins		\$ (728.10)		
12/11/18	1728 - Elsing Museum Donation		\$ (600.00)		
12/11/18	1729 - Correl Museum Donation		\$ (600.00)		
12/11/18	1730 - OSCMS Scholarship		\$ (100.00)		
12/11/18	1731 - AFMS Scholarship		\$ (335.00)		
12/11/18	1732 - College Hill Pres. Church (Room Use)		\$ (300.00)		
12/11/18	1733 - College Hill Pres. Church (Donation)		\$ (300.00)		
	Total expenses:			(3,399.69)	
	Balance as of December 31, 2018				\$ 6,444.72



Thanks to Roxanna Chamberlin for sharing the winner of the Comedy Wildlife Photography Awards. An owl dangling precariously from a branch has scooped the overall prize. Out of the 3,500 entries, Tibor Kercz won the overall prize with his series of images showing an owl losing its footing and trying to claw its way back on to a branch.



Compiled by Wayne Mouser from T-Town Rockhound archives

5 YEARS AGO FEBRUARY 2014: Thirty-seven were in attendance which included four guests. Paulino Allande gave out door prizes with the help from Pebble Pup Andrew Brown. Andrew was given an amethyst that the Loffer's had dug up in Arizona. Grab bags price is to remain at \$1. It was brought to a vote that grab bags be sold only at our show and the bead shows unless otherwise voted on by the board and membership. Large purchases will only be sold to teachers with credentials. We have 20 dealers with contracts already for this year's club show. Liz Thomas is working on hotel details. Jay Gourd is working on special cases and Richard Jaeger on competitive cases. Members enjoyed a field trip to the Elsing Museum. The program was presented by Marv Dahmen from the Joplin, MO, area who gave a talk on the Tri-State Mining area. No board meeting was held due to the weather. Jim Williams wrote an article titled "Quartzsite or Bust". Nancy Hicks wrote an article titled "TRMS Annual Potluck Auction and Swap Coming Soon."

15 YEARS AGO FEBRUARY, 2004: Forty-eight members and guests were in attendance. Three door prizes were awarded. President Richard Jaeger told about our club entering the All American Club competition sponsored by AFMS. Bob Shaha spoke about the upcoming rock swap potluck auction to be held at the Hicks Rock Ranch. Steve Herr from ORU presented a program on Graptolites and included specimens and a microscope to examine the fossils. Chris Fite wrote an article titled "Green Rocks". Ruth Potts wrote an In Memory for Opal Townsend who passed away January 1st. She also wrote an In Memory of Mary Lee Shockley who passed away recently. Richard Jaeger wrote an In Memory for Craig Ferris who passed away recently.

25 YEARS AGO FEBRUARY, 1994: Fifty-two members & guests were in attendance. Six door prizes were awarded. Recent deaths reported included Bill VanAtten and Richard Dodrill's daughter, Dora Baker. Richard Jaeger agreed to assist with exhibit awards and judging at the Tulsa District Science & Engineer Fair. Richard Dodrill had a display of arrowheads in the 4th floor library case. Cleo Merriman is teaching a class on arrowhead knapping. Harvey Shell is teaching scrimshaw. Jon Slankard reminded everyone of the upcoming rock & cookie swap at Rockwood Village clubhouse. Pat Gregory, Editor, reminded everyone of the exhibitors' seminar in March and the OSCMS Swap at Broken Bow. Richard Jaeger has a list of items available at the club library. He is also teaching a class on fossils. Jack Hill, Program Chairman discussed the Rockhound of the year program. He also presented a video titled "The Art of Bead Making". Leon Reeder wrote an article titled "Basic Lapidary - How to Cut a Cabochon, Part 2".

45 YEARS AGO, FEBRUARY, 1974: The meeting was brought to order in the Aaronson Auditorium at the Tulsa City/County Library with 181 members and guests present. Door prizes donated by Meeks Rock Shop, Dub-Lee Rock Shop & Bill Proctor were presented by Don Swisher, door prize chairman. President Cockrell read a letter of praise about John Sanders and his volunteer programs given to Science Classes in the Tulsa Public Schools. Sally Meeks announced new classes were forming. Dale Correll will teach cabochon making and Virginia Lee will start teaching silver smithing. The first new member of 1974 was Wayne Mouser's step-son, James L. Boyce. Richard Jaeger, program chairman, introduced Bill Proctor who gave a presentation titled "Icebergs, Garnets & Blackberries."

The Conglomerate

News from the Chatpile
By Wayne Mouser, okyrocks@cox.net



Steve Loffer was admitted to the hospital right after Christmas, for seven days due to low sodium. He is home now recuperating, however he is on oxygen 24/7 now. He is doing much better and even has gained a little weight. Donna says he's still low in sodium.

Margueritte Hunt, 98, passed away January 3rd in Houston, TX. Her service was held at the 1st Baptist Church in downtown Tulsa. Those TRMS members who attended her service were Diana Hartzmann, Julia & Paulino Allande, Lilik Hakola, Kay Waterman, Roxanna Chamberlin, Harvey Shell and Wayne Mouser.

Former TRMS member Madge Oleta Casteel, 93, died Dec. 25 in Tulsa. Former TRMS member Janet Woods also died recently.

From Lynn Nabb, TRMS member living in SE Oklahoma, writes: "I have been doing custom pet portraits which is keeping me pretty busy! I'm making a trip to Alabama later this month, a month in Spain in May and planning a couple weeks in Seattle area in August. In one area where I'll be in Spain, in the mountains for 9 days doing a Workaway assignment, there are limestone bluffs. I'm hoping to do a little fossil hunting. I'll be taking my hiking boots!"

Julia & Paulino left January 13th for a visit with her brother who lives in Panama. They plan on staying for two weeks. Julia's sister came to look after her mother.

Geraldine and Wayne Mouser have been bagging rock specimens for the grab bags. Richard Jaeger is furnishing the specimens. Wayne is looking forward to a nice warm spring day to fill the grab bags.

Finis & Lana Riggs made a trip to Quartzsite to attend the Pow Wow. Jim & Ruth Williams are also in Quartzsite. Jim and Ruth are staying in Charlie Kukral's compound. This is their 15th year to stay there. Charlie has a filled in an unused swimming pool. Each evening they build up a big fire in the center of it. Usually several people sit around the fire and shoot the bull until late at night.

DUES PAYABLE NOW FOR 2019

It's time to renew your TRMS membership! Dues are once again 12 for a single membership and \$15 for a family membership (up to 2 adults and all children under 18 living at the same address). You can print / fill out the below form and turn in at the next club function or mail to me in care of the address at the top of the membership application form.

Please be sure to make choices on: 1) monthly newsletter delivery method and 2) designate the personal information items to be included in our club directory. US Mail (snail mail) expenses are relatively high for the hard copy printing and mailing cost. Please select "e-mail" on newsletter delivery method if that can work for you.

For family memberships be sure to include children's birthdays. They are used to determine year end dues payable to the RMFS (TRMS pays dues for all members over the age of 12).

Jerry Nagel, 2019 TRMS Treasurer

Tulsa Rock and Mineral Society Membership Form

TRMS

P.O. Box 2292

Tulsa, Oklahoma 74101

www.ttownrockhound.org

Please Print

For Year _____ Renewal _____ New _____ (NEW memberships are half price after July 1st)
Membership type: Single (\$12) _____ Family (\$15) _____ (family: up to 2 adults & all children under 18 living at the address below)

Would you like to receive the TRMS Newsletter by: _____ e-mail _____ snail mail _____ both (check one)

I give permission to be printed in the club directory: my name/ phone/ email (circle those that apply)

Last name of primary member: _____

Mailing Address: _____
(House or P.O. Box), (City) (State) (Zip)

Main Phone Number: _____ - _____ - _____ Alternate Phone Number: _____ - _____ - _____

Email Address: _____

Family Members: First and Last Name Birthdate (Mo) Anniversary (Mo) Nametags (optional)
P (pinback) \$7.50
M (magnetic) \$9.75

Adults: _____

Children under 18 years of age - children over 18 will need their own memberships

Child 1: First and Last Name Birthdate (Mo/Yr)
Child 2:
Child 3:
Child 4:

What is your area of interest? _____

Is there any subject you would be willing to present a program about? _____

Do you have equipment? _____ Are you familiar with the Club Shop? _____

For TRMS use

Amount Paid _____ (dues)+ (nametags) Cash or Check# _____ Date received: _____
By: _____

(Tear Here)

RECEIPT

(Name) _____ (Date) _____

(Amount) _____ (Cash or Check/MO & Number) _____ (Received By) _____

Save this receipt until you receive your TRMS newsletter



**FEBRUARY
BIRTHDAYS**

Charles Bell
Michelle Bicket
Julia Cross
Natalie Hines
Ruth Williams

Brenda Ford
Robert Hoge
Linda Jaeger
Bob Lieser
Wayne Mouser
Terry Redfearn
Steve Richards
Sharon Rico
Emily Ridgway
Jessica Robb
Tony Rongey
Rick Siegfried
Debby Taylor
Gerald Taylor
Shane Taylor



R. W. & B. G. Avakian
Kevin Welsh and Holly Proctor

FEBRUARY ANNIVERSARIES

AFMS ENDOWMENT FUND RAFFLE

Tickets for the drawing for the AFMS Endowment Raffle are \$5/ticket or \$20/five tickets. The drawing will be held at the AFMS Show & Convention in Cedar Rapids, Iowa in March. I'll have those tickets for sale at our next two TRMS meetings. Remember that the prizes generally range from \$75 to \$200. I'm not sure how many prizes there will be this year but hopefully 20 or 30. After having at least one TRMS member win a prize for maybe eight years, we didn't have a winner last year. The funds raised go to the AFMS Junior Programs, Competitive Exhibits seminars, and for slide and video programs which individual clubs can get to show in their meetings. Hopefully several of you will want to purchase tickets and hopefully one or two of you will also be winners in Iowa; you don't need to be present to win.

Richard Jaeger
RMFMS Endowment Fund



AFMS and RMFMS summaries prepared by Connie Cassity

American Federation of Mineralogical Societies

Website: www.amfed.org

December 2018/January 2019 Newsletter summarized last month

Rocky Mountain Federation of Mineralogical Societies

Website: www.rmfmns.org

December 2018 Newsletter

Letter from the President – December 2018 by Liz Thomas, RMFMS President

Highlights of the news from Liz:

American Federation Show and Conference in Cedar Rapids, Iowa, March 21-24; see the website for information and registration

Rocky Mountain Federation Show and conference in Prescott, Arizona, August 1-4; information coming to the website soon

Still searching for a web master for RMFMS

Support club meetings and youth and their mentors. Be the example at all in meetings, at club shows, and on field trips.

AFMS Scholarship Foundation: Final Report for 2017 - 2018 Fiscal Year By Richard Jaeger, RMFMS Scholarship Chairman

Each year, through the AFMS Scholarship Foundation, the Rocky Mountain Federation gets to designate an Honorary Scholarship Awardee who then selects two Geoscience graduate students to receive \$4,000 scholarships. This individual has the distinction and privilege of selecting an institution or institutions from within the boundaries of the Federation and then, in cooperation with that institution, choosing the student to receive a scholarship grant.

Any Rocky Mountain Federation Club – or individual – may submit a person for nomination for the Honorary Award Recipient. Perhaps there is a college professor or museum director who has given programs for your club or helped with your shows who you would like to nominate. We need a short bio on the person telling us why you are nominating them for the Award. Please submit your nomination to me; my contact information is given below. We have a Scholarship Committee which will make the final selection if more than one individual is nominated. The name of the Awardee has to be submitted to the AFMS Scholarship Foundation by Nov. 1, 2019.

Our Honorary Awardee for this year is Dr. Steve Westrop, Curator of Invertebrate Paleontology at the Sam Noble Museum of Natural History in Norman, Oklahoma. I will have an article in an upcoming RMFMS Newsletter giving you more information about him and the students he has selected to receive the scholarships.

The Scholarship Foundation depends on donations made by clubs or by individual rockhounds in order to be able to give these scholarships. [Specific club donations are listed here in the newsletter available online.] The total donations so far for this fiscal year are \$6,001.10.

I hope that a number of other clubs will consider making donations to the Scholarship Foundation for the 2018 - 2019 fiscal year which began on November 1. Please send nominations for the Honorary Scholarship Awardee and monetary donations to the AFMS Scholarship Foundation to me at the address given below.

Richard Jaeger,
RMFMS Scholarship Chairman
3515 E. 88 th St.,
Tulsa, OK 74137-2602
Ph: 918 - 481 - 0249.
email: <RjgrSci@aol.com>

Monument Valley: Looking for John Wayne By Mike Nelson, Colorado Springs Mineralogical Society, csrockguy@yahoo.com

Mike Nelson describes a recent trip to the Red Rock Country along highways U.S. 163 and U.S. 191 in extreme southeastern Utah (but extending into northern Arizona) which he calls "one of the most fascinating places in the United States". With some references to Western themed movies, Nelson discusses the geologic formations of the Colorado Plateau, Monument Valley, and Navajo Tribal Park (where he camped on his trip).

"Not only is civilization unavailable, so are newspapers, television stations, internet service, telephone service and noisy railroads. What is available are fantastic sunsets and sunrises, amazing red rock scenery, crystal clear night skies with a full moon, and a real quietness. Try it, you will like it!"

Dr. Michael Nelson Honored

The University of Wisconsin-La Crosse celebrated the grand opening of the Prairie Springs Science Center on November 15, 2018. At that time Dr. Michael Nelson was honored for his many years of leadership and support for undergraduate research at the UWL.

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.

Minutes of TRMS Board Meeting Jan 8, 2019

New President Steve Ridgway brought the meeting to order at 7:10 p.m.

Those present: new President Steve Ridgway, returning 1st VP Peter Grice, returning Secretary Roberta Wagle, returning Treasurer Jerry Nagel, returning Historian Larry Wagle, new Directors Richard Jaeger, George Hill and Sharon Richards. Visitors were Scott Robb and Rebekah Ridgway.

Jerry Nagel announced that December 2018 income was a historical low. Roberta Wagle made a motion to accept the treasurer's report as printed, 2nd Sharon Richards, motion approved. Jerry Nagel reported that two of our CDs were coming due in February and March and made the recommendation to move both of them over to variable-rate CDs. Peter Grice made a motion to accept the recommendation of the treasurer, 2nd Sharon Richards, motion was approved. Jerry also noted that the yearly audit would be held Saturday the 19th at 10 a.m. at his house.

Discussion was held on the secretary's report for December. Jerry Nagel noted that the minutes showed the Correll Museum received a donation of \$500 the correct amount is \$600. Sharon Richards also noted that the minutes need to list each new officer's name. After further discussion it was decided that having all of the new officers listed in the January minutes would be acceptable.

Peter Grice reported that the auction would remain this month. The only program he has been able to line up is in July.

Scott Robb, representing the bylaws committee, provided all new officers with a copy of the current practices, bylaws and a CD containing all of the changes made to the bylaws. Scott also noted the request from Liz Thomas to change the bylaws Article 5 Section 3. That item will be tabled until the February board meeting, after new board members have a chance to read the proposed change.

Much discussion was held on a location for the January meeting with possibilities being the Correll Museum, the River Field County Day School, the Presbyterian Church downtown or the sanctuary at the Church. Sharon Richards made a motion to hold the January meeting at River Field County Day School at 2433 West 61st Street Tulsa Oklahoma 74132, 2nd Roberta Wagle. Board members discussed the need to set up and take down for the auction. Motion approved. Roberta Wagle made a motion to adjourn at 8:04 p.m. Peter Grice 2nd, motion approved.

Respectfully submitted, Roberta Wagle

Minutes of Membership Meeting Jan. 14, 2019

President Steve Ridgway called the meeting to order at 7:03 p.m. and welcome guests and members.

Roberta Wagle announced that there was an error in the minutes of the December meeting. The donation to the Correll Museum was reported as \$500 but was actually \$600. Harvey Shell made a motion to approve the minutes with the correction, 2nd by Dolores Wall, motion approved.

Roberta Wagle made a motion to accept the treasurer's report as printed 2nd by Roxanne Chamberlain, motion approved. Holly Proctor trip coordinator is scheduling a February field trip possibly to the Gilcrease Museum.

Minutes of Membership Meeting continued:

Billy McBay shop foreman said the shop looks good.

Harvey Shell announced that a cousin of his that works for the University of Dallas has received an electron microscope and is looking for samples of meteors to start running tests on. Only a small sample of two 2 or 3 mm would need to be put in a bag and labeled with the owner's name these samples could go to Harvey and he would get them to his cousin. At this time the analysis would be at no charge.

Leon Reeder swore in the new officers for 2019:

President Steve Ridgway

2nd VP Holly Proctor

Treasurer Jerry Nagel

Editor Kay Waterman

Historian Larry Wagle

Directors Richard Jagger, George Hill, Sharon Richards.

Kay, Donna and Martha were not available for this meeting.

1st VP Peter Grice

Secretary Roberta Wagle

Shop Foreman Billy McBay

Web Master/Librarian Martha Rongey

Past President Donna Loffer

Kim Perry announced new members and guests, we had 9 visitors.

Attendance was 70 including members and guests. We had 11 Pebble Pups in attendance for their program about basic rocks and minerals, provided by Holly Proctor. Steve and Sharon Richards donated quartz crystals to each of the Pebble Pups.

Peter Grice announced that the only program set up this year was for July.

The auction started with Bob Hicks, auctioneer, assisted by Steve Ridgway. The auction raised \$644.

Roberta Wagle made a motion to adjourn at 8:42 p.m. second by Steve Richards, motion approved.

Respectfully submitted, Roberta Wagle

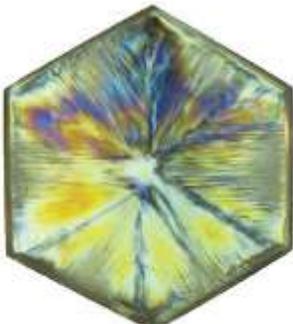
Topics in Gemology

Topics in Gemology is a monthly column written by Diana Jarrett, GG, RMV. Contact her at diana@dianajarrett.com.

Reprinted from the New York Mineralogical Club Inc. February 2019 newsletter

Trapiche, Gabeesh?

There's a funny little gemstone variety that is more science than simply cute. I'm talking about trapiche gems. Trapiche: pronounced tra - PEE - ché). It's endlessly fun to say. But when you learn how they came to be, it makes grade school science fascinating all over again.



The word trapiche is Spanish for a six-spoked cogwheel used in old sugar mills. The stones themselves exhibit 6-rays emanating from a central 'cog' shaped formation. These rare lovelies are a miracle of nature. First let's talk about what it's not. It is nothing like star stones which get their rays (called asterism) from tiny internal hair-like fibers which are exploited when the stone is cut en cabochon.

Sample of one of the 6 Rare Spinel Trapiches from Burma



Rainbow Quartz Trapiche, Penas Blancas, Colombia

Trapiche 6-rayed stones occur when geothermal waters interact with a carbonaceous host rock. A type of zoning occurs during mineral development making the gem cease to grow along rough edges and instead develops on smooth faces. The symmetrical formation of straight lines radiating from a central core add allure to the gemstone itself.

Trapiche stones are penetrating the marketplace today in large quantities. Once just a rock hound's nerdy curiosity, trapiche stones are finding favor with serious collectors. The first ones that snuck into shows at the Tucson gem fairs were trapiche emeralds. Now we're finding trapiche ruby pop up. By the way, trapiche sapphire, garnet, tourmaline, and other gem-minerals exist albeit in scarce availability. Give it time.

While they've not come to the fore until recent times, if it's natural one has to imagine that it's been around forever. Yes, it has. In the mid-19th century, Emile Bertrand first described these dazzling wonders, having seen them in Muzo, Colombia. It took about a century later until someone mentioned them again—this time with trapiche rubies being located in Mong Hsu, Myanmar (Burma). Today, they are quietly slipping into couture goods as designers celebrate these intriguing stones with a story. Look for them in original jewelry—or better yet, grab a few for your favorite client who wants something 'no one else has'.

ON THE ROAD AGAIN

Please submit items to the editor

Kay.waterman@cox.net



JANUARY

8-10—QUARTZSITE, ARIZONA: Annual show; Quartzsite Gold, Treasure and Craft Show; QIA Building, 235 N. Ironwood; Fri. 9-4, Sat. 9-4, Sun. 9-3; \$5 Admission good for all three days; Vendors, inside and out, selling and demonstrating gold prospecting equipment, nuggets, jewelry, coins and more. Speakers, demonstrations, questions and answers regarding metal detectors and other prospecting equipment. Plus, there will be door prizes including gold nuggets, and metal detectors, among others.; contact Richard Trusty, (651) 587-6136; Email: QuartzsiteAZGoldShow@gmail.com; Website: QuartzsiteAZGoldshow

16—LLANO, TEXAS: Annual show; Friends of the Llano Red Top Jail; Llano County Community Center - 2 miles West of Llano on CR 152, 2249 W. County Road 152; Sat. 8:30-5; free admission; The 4th Annual Prospectors Conference, open to prospectors, rock collectors, treasure hunters, and metal detecting enthusiasts, and a silent auction will benefit the Historic Red Top Jail.; contact Frank Rowell, 474 Lost Hollow Rd., Llano, TX 78643, (325) 248-1067; Email: frank@enchantedrocksandjewelry.com; Website: www.prospectingtexas.com. event page

FEBRUARY

8-10—KANSAS CITY, MISSOURI: Annual show; Greater Kansas City Association of Earth Science Clubs; KCI Expo Center, 11730 NW Ambassador Dr., , Exit 112th St. off I-29 or KCI Exit (Cookingham Dr.) off I-435; Fri. 10-8, Sat. 10-7, Sun. 10-5; adults \$6, ages 5-12 \$3, free for children 4 and under; 60 retail and wholesale dealers, special exhibits, lectures, demonstrations, scholarship benefit auction 7 p.m. Saturday ; contact Bruce Stinemetz, 2706 S. Cherokee St., Independence, MO 64057, (816) 795-5159; Email: brucestinemetz@att.net; Website: www.kcgemshow.org or www.gemshowkc.org

9-10—SAN ANTONIO, TEXAS: Annual show; Southwest Gem and Mineral Society; San Antonio Event Center, 8111 Meadow Leaf Dr. (N/E Corner of Marback and Loop 410); Sat. 10-6, Sun. 10-4; adults \$5, senior/military \$3, students with ID \$2, and children under 12 \$1; 58th Annual Fiesta of Gems – Gem and Mineral Show, with dealers offering crystals, minerals, fossils, exhibits, jewelry, and demonstrations, with an opportunity to make your own cab with proceeds to support earth science scholarships; contact Robert Bowie, 1324 Kings Pt. Dr., Canyon Lake, TX 78133, (830) 387-1766; Email: krbotx@gvtc.com; Website: swgms.org

15-17—ALBUQUERQUE, NEW MEXICO: Annual show; Abq. Gem & Mineral Club; Expo NM State Fairgrounds, Creative Arts. Bdg. 300 San Pedro NE, 87108; Fri. 10-6, Sat. 10-6, Sun. 10-5; \$3, Kids under 13 are Free, Friday is DOLLAR DAY; Treasures of the Earth Gem, Mineral & Jewelry Expo, Mar. 15-17, 2019. \$3 Admission and free admission for kids under 13. Door prizes, raffle, silent auctions, displays, junior table. 50 dealers offering gemstones, mineral specimens, slabs, jewelry, beads, cabochons, fossils, tools, and equipment-- contact Jay Penn, 2324 Alvarado Dr. NE, Albuquerque, CO 80440, (505) 883-4195; Email: jaypenn246@gmail.com

23-24—CEDAR RAPIDS, IOWA: Annual show; Cedar Valley Rocks and Minerals Society; 4400 6th Street SW, Hawkeye Downs Expo Center; Sat. 8:30-6, Sun. 9:30-4; \$3, students \$1, free admission for children under 12; this year's show theme is Celebrating Geodes — Iowa's Mysterious State Rock, held in conjunction with AFMS and Midwest Federation annual shows, features vendors, educational programs, gem sluice, silent auction, and activities for children; contact Marv Houg, 1820 30th Street Drive, Cedar Rapids, IA 52403, (319) 364-2868; Email: M_Houg@yahoo.com; Website: Cedarvalleyrockclub.org

29-30—ADA, OKLAHOMA: Annual show; Ada Gem Mineral and Fossil Club; Pontotoc County Agriplex, 1710 N Broadway; Fri. 8-6, Sat. 9-5; free; vendors from surrounding states offer a variety of minerals, fossils, jewelry, beads, along with flint knapping demonstrations, displays, and activities for children ; contact Bobby Freeman, 1111 East Central Blvd, Ada, OK 74820, (580) 235-5946; Email: bfreeman.1966@yahoo.com

April

26-28—WICHITA, KANSAS: Annual show; Wichita Gem & Mineral Society; Cessna Activity Center, 2744 S. George Washington Blvd; Fri. 9-6, Sat. 10-6, Sun. 10-5; adults \$5 (\$4 with coupon), children 12 to 17 \$1, and free admission for children 12 and under when accompanying a paying adult; dealers offering various rocks, minerals, fossils, and gems, club exhibits, demonstrations, silent auctions, and activities for children; contact Peggy Duggan Maggard, 8318 SE Highway 77, Leon, KS 67074, (316) 742-3746; Email: gandpmaggard@gmail.com; Website: www.wgmsks.org

Why Collecting Is Good For Kids



Your child's rock collection may just look like a pile of stones to you. But it's doing more than gathering dust. "When a child collects things, it teaches the child important skills that they use throughout their life, including how to organize and interact with others," says Desmond Kelly, a developmental-behavioral pediatrician at All Kinds of Minds in Chapel Hill, North Carolina. The institute, affiliated with the University of North Carolina, is dedicated to studying how people learn.

Here's a look at what kids who collect gather along the way:

Personal Responsibility:

When it comes to a child's prized collection, you're likely to see some impressive "care and feeding." Kids often become interested in collecting around age 5, with many becoming completely intrigued with a particular collectible — be it rocks or stickers — between ages 6 and 8. It's pretty common for kids to spend hours arranging their collection and reading about the items, as well as talking about them with friends and family.

Organization Skills:

That heap of stuffed animal puppies or kittens sitting atop your child's bed got there because somewhere along the way he decided: Okay, I'm putting all the dogs and cats on the bed. That stuffed iguana that Grandma gave him? It might end up on a desk all by itself because, well, it doesn't quite fit in with the other animals. So not only is the child organizing, they are categorizing.

Mathematical Smarts:

Whether your child is collecting baseball cards or rocks, it's a pretty good bet that they know the exact number in their collection. They spend a lot of time grouping them into various categories: years and teams or sizes and shapes. This requires counting, tabulating, and sorting.

Reading Skills:

A child with a passion for collecting rocks will also want to know when and how a rock got created, and whether Amethyst is in the same group of rocks as quartz. And that means trips to the library and an active interest in studying and learning.

Social skills:

While your child is negotiating a baseball card trade or informing a classmate about the new addition to his rock collection, they are inspired to interact with other children. A collection can be a great way to boost self-esteem, as well as serve as a smooth entry into friendships. If your child is new to a school or neighborhood, discussing their rock collection can be a great ice-breaker. Meeting kids who share a similar interest could mean he's also found new buddies.

Budgeting skills:

"Collectibles are a great way for kids to learn how to manage money," says Janet Bodnar, executive editor of Kiplinger's Personal Finance magazine and author of *Dollars & Sense for Kids*. "If children are expected to pay for some or all of their collectibles out of their allowance, they have to make decisions about how much they're going to spend — they're learning how to budget their money."

Great Fun for the Whole Family:

Collecting is also all about fun and play. It's a good idea to let your child figure out on his own how he's going to "play" the collecting game — of course, parents should still make a point to show they care. Casually asking about his organizing scheme with a question such as, "I see you've divided up all your rocks into different groups". How did you decide which rocks go in which group?" By describing his reasoning, he reinforces the learning he's done all by himself.

Children who collect rocks will want to go out hiking and looking for rocks which is, of course, not only a health activity for the child but is fun for mom and dad too, planning your next hike, helping to find that next pretty rock and the fun of discovering a really cool rock together. There are local rock and mineral clubs all over the country that have regular events to go rock hounding, there are pay to dig mines where you can plan a trip and find valuable specimens and many families have fun together tumbling and polishing rocks and making jewelry and other decorative things from rocks and minerals.

<https://www.kidzrocks.com/blogs/kidz-rocks-articles/why-rock-collecting-is-good-for-kids>, Via The Agate Explorer 10/18; via The Rockhounder Dec 2018; the Glacial Drifter, Topeka, KS, Dec. 2018

TRMS FEBRUARY 2019

The club regularly meets at 7 p.m. 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
					1	2 WORKSHOP 1 - 5:00 pm Billy McBay 918-407-6066 ORU Learning Center, downstairs
3	4	5 TRMS BOARD Meets, 7 pm College Hill Chinese New Year Year of the Pig	6	7	8	9
10	11 TRMS MEETS 6:15 Pebble Pups 7 pm Membership COLLEGE HILL	12 Lincoln's Birthday	13	14 Valentines Day 	15	16 WORKSHOP 1 - 5:00 pm Billy McBay 918-407-6066 ORU Learning Center, downstairs
17	18  Presidents' Day Washington's Birthday	19 WORKSHOP 5:30 pm – 9 pm Billy McBay 918-407-6066 ORU Learning Center, downstairs	20	21	22	23
24	25	26 LUNCHEON – 11:30 at Golden Corral, 21 st just east of Memorial. We have a room at the northeast corner of the restaurant. ALL WELCOME!	27	28 WORKSHOP 5:30 pm – 9 pm Billy McBay 918-407-6066 ORU Learning Center, downstairs		