

# ROCK TALK

Volume 13, Issue 2  
Nov. - Dec.

## 2018 - 2019 Officers & Directors

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**EXPLORE  
DISCOVER  
SHARE**

## TUCSON GEM & MINERAL SOCIETY

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# PRESIDENT'S PAGE

**EXPLORE DISCOVER SHARE**



Hello All,

Hope everyone is settling in this season, and all our winter visitors are back safely.

Our second "TGMS Family Fun Day" was lots of fun again. The weather was a little factor this year and we had to scratch panning for gold and the rock crushing tables, but overall it was a huge success with lots of visitors. "The Cave" was redesigned to be bigger for taller people and was a big hit. We had a fossil station, digging area, micro-mineral table, metal detectors, meteorite area, mineral identification, bracelet making area (thank you to Linda Oliver and family for bringing all that in). This is what makes

this such a great club to belong to, caring friendly people sharing their passion of our club, and I am honored to be President of the TGMS. Thank you to all our TGMS members who volunteered to help make this happen.

Next we set our eyes to the holidays and our annual Christmas Party. This has always been a very joyful and a wonderful evening. Please come join and share fellowship with us in this event on December 12, 2018. Dinner and great music make this a wonderful evening.

Also, our TGMS annual Mineral, Fossil, Jewelry, Art & Craft Sale is coming up on December 1, 2018. This is always a great day to find some great deals and gifts for our loved ones. If interested in a booth, contact Vera Schlichter or the TGMS Office; also, we are always looking for volunteers to help. Please come join us and support your fellow members and knock out some of that Christmas shopping.

As planning continues, our Show is right around the corner and we will have a NEW way for you sign up to volunteer to work at the Show. More information on that at the General Meeting. Also, if interested in an exhibit case, please contact the TGMS Office for more information on this and the forms. This year's theme "Wulfenite Is Loved" should make for some beautiful case exhibits.

Now that the weather is cooling down, I hope everyone has had a chance to get out on a field trip, Kerry has put a wonderful schedule together with some great spots to collect. Please don't forget Bill Shelton's class; and now Daniel Kirpes will also have an educational class, so look for the sign-up sheets or check the website calendar for more information on these dates.

Look forward to seeing all of you at the General Meeting,

Michael Hollonbeck  
President

A handwritten signature in black ink, appearing to be "MH", enclosed in a circular scribble.



**TUCSON  
GEM & MINERAL  
SOCIETY**



## TGMS General Meeting - September 10 , 2018

The General Meeting of the Tucson Gem and Mineral Society was called to order by President Michael Hollonbeck at 7:00 p.m. Visitors and new members were recognized and welcomed to the meeting.

### **ANNOUNCEMENTS:**

The 15th Annual Mineral, Fossil, Jewelry, Art & Craft Sale: December 1<sup>st</sup>.

Diane Braswell announced a community Outreach Program with the Catalina Council of Boy Scouts to develop requirements for a geology merit badge. Volunteers will be needed, perhaps two Saturdays a year.

Kevin Horstman passed away August 29<sup>th</sup>.

George Stevens passed away on September 7<sup>th</sup>.

Books for sale, "The 100 – A Practical Guide to Mineral Collecting in Today's World" for \$15.00 each. Proceeds go to the TGMS Library Fund.

Advanced Kumihimo braiding classes will be offered at the club once a month and, if there is enough interest, a beginning class will be added. Call Pat or Rose for class dates and times. Classes led by Sharlene Baker and Barb Elliott.

**PROGRAM:** Jan C. Rasmussen is currently an Associate at SRK Consulting in Tucson and is co-authoring a chapter with Stan Keith on Arizona Minerals through Geologic Time for the new 4th edition of "The Mineralogy of Arizona". In her presentation, "Arizona Minerals through Geologic Time", she explained how the rich geological history of mountain building episodes (orogenies) in Arizona resulted in beautiful minerals and excellent hunting grounds for mineral collectors. You can visit her website, [www.janrasmussen.com](http://www.janrasmussen.com), for more information.

**BREAK:** Thanks to [John Callahan](#) for providing refreshments which included cheese, crackers, fruit and flan.

### **OLD BUSINESS:**

Approval of minutes for General Meetings for May 7, 2018 as published in Rock Talk: **MOTION:** to approve the minutes. Seconded and approved.

Field trips: Kerry Towe has planned field trips to Old Reliable on September 22, and Washington Camp on September 28th, and October 19<sup>th</sup>. Kerry is planning 15 trips for 2018-2019.

Micromount meeting: Monday, September 17<sup>th</sup> at 7:00.

Front Room: Pat announced that the front room is now an office.

Community Outreach: Family Fun Day is October 13<sup>th</sup>. Volunteers are needed starting in mid-September to build the cave.

### **NEW BUSINESS:**

Community Outreach: Science City is March 2nd and 3<sup>rd</sup> at the U of A Book Fair. Sign up to volunteer.

Approve Marilyn Reynolds and Tim McClain for Lifetime Memberships: **MOTION:** to accept Marilyn and Tim for lifetime membership. Seconded and approved.

**DRAWING FOR DOOR PRIZES:** John Callahan, as meeting host, made the first selection. Winners were Al Martone, Mark Marikos, Kim Filips, Wolfram Schuh, Beverly Ross, Donna Pugh, Dave Crumley, Vera Schlichter, Barb Elliot, Susanne Schwartz and Linda Stauffer.

The meeting was adjourned at 8:47 p.m.

Respectfully submitted,  
Linda Ross, Recording Secretary



**TUCSON  
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## TGMS General Meeting - October 1 , 2018

The General Meeting of the Tucson Gem and Mineral Society was called to order by Mark Marikos at 7:00 p.m. Visitors and new members were recognized and welcomed to the meeting.

**ANNOUNCEMENTS:** Members were reminded to not park in the east side apartment parking lot. When parking in the Club parking lot, be careful to not back into the west fence.

The Club has books for sale, "The 100 – A Practical Guide to Mineral Collecting in Today's World," by Bill Shelton for \$15.00 each. Proceeds go to the TGMS Library Fund.

**PROGRAM:** Helen Serras-Herman presented "Helen's Jewels - Iconic to Trending, Inspiration and Tools". Her unique gem carvings and beautiful jewelry pieces are inspired by nature and history. Helen explained how she chooses rare and unusual gemstones, and with labor intensive steps and lapidary tools she creates a story with her artwork. For more information visit [www.gemartcenter.com](http://www.gemartcenter.com). Cathie Logan won a pair of earrings in a special drawing.

**BREAK:** Thanks to [Wolf and Ortrud Schuh](#) for providing refreshments. Volunteers are needed for future months. A budget is provided. Contact the TGMS office staff to sign up.

### OLD BUSINESS:

**Field Trips:** Kerry Towe announced three field trips: on **October 6<sup>th</sup>, near Globe to collect Peridot, on October 19<sup>th</sup> to Washington Camp and on November 3<sup>rd</sup> to The Red Cloud Mine to collect Wulfenite. Future trips are being planned.**

**Beginning Kumihimo Braiding Class:** Sharlene Baker and Barb Elliott will lead a class on October 18<sup>th</sup> at 2:00.

**Educational Class:** Bill Shelton will present "Noble Gases and Their Relationship to Collectible Minerals" on October 10<sup>th</sup>.

**Micromount Meeting:** October 8<sup>th</sup> at 7:00 at the clubhouse.

**Community Outreach:** Family Fun Day is October 13<sup>th</sup>, more volunteers are needed to help build a cave. Additional volunteers are needed to staff the booths. Last year was a success with nearly 200 participants.

**Science City** will be held March 2<sup>nd</sup> and 3<sup>rd</sup> at The Tucson Festival of Books on the U of A Mall. Volunteers and materials will be needed. The Club will be presenting "Uses of Minerals in Everyday Life."

**Other Old Business:** The annual Mineral, Fossil, Jewelry, Art & Craft Sale will be held December 1<sup>st</sup> at the Club building.

### NEW BUSINESS:

**Christmas Party:** TGMS staff requested suggestions for food catering for the December Christmas party scheduled for December 12<sup>th</sup>. Cost for the party will be based on food.

**CALL TO THE AUDIENCE:** Mark Marikos was thanked for presiding over tonight's meeting.

**DRAWING FOR DOOR PRIZES:** Ortrud Schuh, as meeting host, made the first selection. Winners were Karen Wenrich, Linda Ross, Vera Schlichter, Blaize Naasz, Bob Melzer, Laura Felton, Denis Menard, Tim Hicks and Zoe Zeszut.

The meeting was adjourned at 9:02 p.m.

Respectfully submitted,

Linda Ross,  
Recording Secretary



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## TGMS Board Meeting - July 10, 2018

**Board Members Present:** Ellen Alexander, Diane Braswell, Mark Candee, Michael Hollonbeck, Mark Marikos, Marilyn Reynolds, Linda Ross and Bill Shelton.

**Absent:** Les Presmyk

**Executive Manager:** Pat McClain

**Parliamentarian:** Alrene Hibben

**Audience:** Brad Ross, Tim McClain and Richard Nassi

**Call to Order:** The Board Meeting was called to order by President Michael Hollonbeck at 6:10 p.m. in the TGMS meeting room.

**Call for Orders of the Day:** No changes were made to the agenda.

**Minutes Approval: MOTION:** To accept the April 25, 2018 Board Meeting Minutes as written. Seconded and approved.

**President's Remarks:** Welcomed the Board Members to the meeting and stated that he was looking forward to improving the future of the club. Discussed term length of the president.

**Treasurer's Report:** Statements have not been received and will be reviewed at the next meeting. Members discussed the major maintenance budget and seeking bids for parking lot improvements.

**Old Business:**

TGMS Facility - Building Information: Research on the non-conforming status of property was discussed, consensus reached that research should be discontinued at this time. Determined that no new rental contracts will be approved. Board also reached a consensus to not add any more structures to the property as parking space is needed. The parking lot will be re-surfaced this summer and some additional spaces may be available in front of the building. Members determined that current building should not be modified for additional storage.

Orchid Society Yearly Lease: **MOTION:** Orchid Society rental rates for a Friday evening and Saturday plant sale event usage will be \$500.00 and the Orchid Society will provide proof of insurance for event. Seconded and approved.

Community Outreach Programs: A family fun day at the Children's Museum on July 23<sup>rd</sup>, drew 80 parents and children to visit five modules presented and manned by volunteers. **MOTION:** another Family Fun Day will be held Saturday, October 13, 2018 at the TGMS building. Seconded and approved.

Also discussed members actively greeting and engaging new members at meetings and encouraging general membership to participate in community outreach programs.

**New Business:**

Approve Dick Gottfried & Peter Megaw for 2019 Show Co-Chairs. **MOTION** to do so was obtained, seconded and approved.

Change/Additions/Updates to the TGMS Bylaws: President appointed an Ad Hoc Committee (Linda Ross, Marilyn Reynolds and Pat McClain) to review the TGMS Bylaws.

Book Publication: Bill Shelton is generously publishing and donating his book, "Elements in Minerals", to be sold by TGMS.

Introductions/Status Report on SWOT: SWOT (stands for Strengths, Weaknesses, Opportunities and Threats) analysis Committee was introduced. Committee members are working towards identifying opportunities to build a culture that will improve membership numbers.

Nominations for Lifetime or Honorary TGMS Membership: **MOTION:** to nominate Marilyn Reynolds and Tim McClain for Honorary Life TGMS Memberships. Seconded and approved.

Schedule Future Board Meetings (minimum of two more): Scheduled next Board Meeting for Wednesday, September 26<sup>th</sup> at 5:00 p.m.

Other New Business:

Workman's Compensation Insurance has been audited and updated.

Storage options for display cases and equipment were discussed. Discussion tabled for future meeting.

**Call to the Audience:** No response from audience.

**Adjournment: MOTION:** To adjourn. Seconded and approved at 8:25 p.m.

Respectfully submitted by  
Linda Ross, Recording Secretary

**2019 TGMS SHOW COMPETITIVE EXHIBITS - JOIN IN ON THE FUN!****TUCSON  
GEM & MINERAL  
SOCIETY**

To: TGMS Member

Please join us at the **65th Annual Tucson Gem and Mineral Show**®, February 14 - 17, 2019. The numerous mineral collectors and visitors who enjoy viewing beautiful exhibits will appreciate your participation in the Show. Your competitive exhibit(s) will add greatly to the Show. The area for the competitive exhibits will be right at the center of the Exhibition Hall. This will really highlight your exhibit and the others who compete.

The Tucson Gem and Mineral Society and Show Committee are very interested in promoting interest in young exhibitors. Each junior age exhibitor, regardless of which exhibitor class they enter, will receive a \$100 check from Dr. Rob Lavinsky of The Arkenstone. He wishes to help encourage young collectors to exhibit and compete and this is his way of honoring those adults who helped him when he was a junior-age collector. The high point score by a junior-age exhibitor will receive a \$500 check and the second high point score will receive a \$300 check, regardless of the exhibitor category.

Various applications are available for you to enter competitively. If you would like to have the forms, information or a competitive handbook sent to you, please contact our TGMS Office. **Applications must be received no later than December 7, 2018.** Due to increasing security concerns, **ALL competitive entries, including those for the Special Trophies and Best of Theme competitions, shall require a signed Competitive Exhibitor Agreement. No Agreement, No Entry.**

The Tucson Gem and Mineral Show® theme for 2019 is "**Wulfenite is Loved.**" Trophies will be awarded for the best specimen in each of five size categories and lapidary/jewelry in the Best of Theme competition. An individual is eligible to enter a specimen in each category. This competition is open to all individuals and entries will be accepted up to 6:00 p.m. on Wednesday, February 13, 2019 (Best of Species/Bideaux Trophy entries 4:00 p.m.).

The Show Committee awards five special trophies to honor those who have contributed to mineralogy and the collecting hobby. The Desautels Trophy is for the "Best Case of Minerals in the Show," with the emphasis on quality and aesthetics of the specimens. The Lidstrom Trophy is awarded to the best single specimen contained within a competitive exhibit. The Yedlin Trophy is awarded to the best case of Master micromounts. The Bideaux Trophy is awarded to the best single Arizona specimen entered in this competition. The Romero Trophy is awarded to the best Mexican specimen or case in the Show. Any case or specimen to be judged for these trophies, except the Romero, must have a signed Competitive Exhibitor Agreement submitted.

If you have any questions or need more information, please contact me at (602) 370-0639 or email: [presmyk@cox.net](mailto:presmyk@cox.net), or the Tucson Gem and Mineral Society office at 520-322-5773, or email: [tgms@tgms.org](mailto:tgms@tgms.org).

We look forward to receiving your application.

Sincerely,

Les Presmyk  
Competitive Exhibits Chairman

## OCTOBER 13, 2018 - TGMS FAMILY FUN DAY!!



Saturday, October 13, 2018, TGMS held its second TGMS Family Fun Day.

Living in Arizona, a rainy day is usually something that we don't worry about; actually, something we are delighted to see. But leading up to that Saturday, the TV weather announcer kept upping the percentage of rain. Most of the time they come close but this Saturday, they were right!! Once it started to rain it rained ALL DAY!!

Being rockhounds, we are all pretty much optimistic. Because when we go out collecting, we are sure that we are going to find something spectacular. But on this very rainy day, our optimism wasn't that high ... but of all the events that were going on in the City of Tucson that weekend ... **OURS** was inside. That is like having an "ace in the hole."

At 9:57 a.m. we had our first participants through the door ... Danelle and Jaden Arturet. They braved the rainy weather and came to our TGMS Family Fun Day! Because Jaden was our first child (literally) through the door, she got to pick out a very special mineral specimen for herself ... it was a really nice quartz crystal. Thank you both for coming!

Everyone through the door was greeted with a smile, then handed a "mineral passport" card, plus a raffle ticket (for hourly TGMS Membership giveaway). The "mineral passport" cards were stamped by each station that a child stopped and visited with. They had lots to see! The different stations were; fossils, micros, meteorites, rock and mineral identification, fluorescent mineral display, walk through a cave, rock dig, hourly giveaways, rock identification, a coloring contest, and personalize a bracelet.

After taking an earth science trip around the room, they got to go to the "spin the wheel and win a prize!" We had mineral specimens, hats, gold pans, 10x eye loops, lanyards, bags, and a host of other fun things to choose from. It was fun listening to hoots and hollers when the "wheel" landed on a "TGMS Gold Seal." That's when they got to choose their OWN very special mineral specimen.

We had over 250 people participate. There were parents, grandparents and children that came to visit us on that fun and rainy day. We feel that we had a pretty successful event. We received lots of "Thank You's", donations to the cause and we even sold a few TGMS products. By all accounts ... it was a SUCCESS! AND we all had fun!

A big "**THANK YOU**" goes out to: Tim McClain, Ron Gibbs, Mark Ascher, Brad Gibbs, Victoria Fila, Rose Marques, Kerry Towe, Mike Hollonbeck, Diane Braswell, Mary Kirpes, Kent Stauffer, Linda Stauffer, Daniel Kirpes, Christine Marikos, Mark Marikos, Ortrud Schuh, Louis Pilli, Bob Melzer, Bill Shelton, Myles Isbell, Jennifer Isbell, Dick Gottfried, Linda Oliver, Bre Oliver, Trey Oliver, Kyleigh Oliver, Cailen Oliver, Molly Radwany, Beverly Lynch, Susanne Collier, Marilyn Reynolds, Bruce Kaufman, Warren Lazar, Cathy Logan, Pat McClain.

So onward and upward to our next community outreach program and, hopefully, we will do this very special event again!



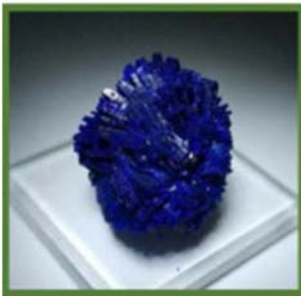
PICTURES FROM OUR TGMS FAMILY FUN DAY!!



**PICTURES FROM OUR TGMS FAMILY FUN DAY!! ... CONTINUED**





**PICTURES FROM OUR TGMS FAMILY FUN DAY!! ... CONTINUED*****15th Annual Mineral, Fossil, Jewelry, Art & Craft Sale***

**FREE - Open to the Public**

**Saturday, December 1, 2018, 9:00 am – 4:00 pm**

**At the TGMS facility – 3727 E. Blacklidge Dr., Tucson, AZ 85716**

**As a TGMS Member, if you are interested in participating in this event, sign-up sheets and further information will be made available at the November 5, 2018 TGMS General Meeting. You can also contact Vera Schlichter directly at 978-857-8049, or [schlichtervera@gmail.com](mailto:schlichtervera@gmail.com).**

**Sale flyers are available at the TGMS Office ... stop by and pick some up today!**



### "The TGMS Christmas Party"

**WHEN:** Wednesday, December 12, 2018

**WHERE:** TGMS facility - 3727 E. Blacklidge Drive

**WHAT TIME:** Starting at 5:30 p.m., dinner at 6:30 p.m.

TGMS members pay \$10.00 and TGMS member invited guests \$15.00.

This helps cover the expenses incurred in having a "GREAT" party.

Please contact the TGMS office and make your reservations by calling 520.322.5773 or emailing [tgms@tgms.org](mailto:tgms@tgms.org).

The DEADLINE for signing up is December 5, 2018.



Scan code for information on our Tucson Gem and Mineral Show®

# WULFENITE IS LOVED



**2019 Tucson Gem and Mineral Show® NEW VOLUNTEER SIGN-UP information will be made available to the TGMS Membership at the TGMS General Meeting on November 5, 2018.**

## *"The 100 - A Practical Guide to Mineral Collecting in Today's World"*

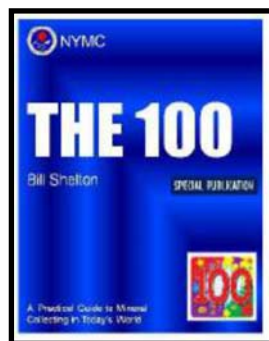
By Bill Shelton - Collector, Writer & Educator

This publication is fully illustrated in color

Over 50 pages

Practical information about 100 of the most available minerals you are likely to collect

\$15.00. each



If you would like to purchase one for yourself, we will have them available at the November 5th General Meeting.

**COMING SOON ... THE 2019 TUCSON GEM & MINERAL SHOW®!**

**By Anna M. Domitrovic**

After Peter's article in the Sept/Oct issue of Rock Talk, here's something else, a puzzle, to get you thinking more about WULFENITE IS LOVED for the 2019 TGMS Show. Fill in the blanks below with the first or the last letter of the responses to the corresponding statements to spell out a special message. Answers will be in the Jan/Feb issue of Rock Talk.

|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  |    |    |    |    |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |    |    |    |    |    |    |
| 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 |    |    |    |    |

- |   |     |       |
|---|-----|-------|
| 1. A mineral common to caves                          | 1.  | _____ |
| 2. Our home planet                                    | 2.  | _____ |
| 3. An amorphous mineral                               | 3.  | _____ |
| 4. To go in   | 4.  | _____ |
| 5. Copper & zinc                                      | 5.  | _____ |
| 6. A mercury mineral                                  | 6.  | _____ |
| 7. The Peach State                                    | 7.  | _____ |
| 8. A jeweler's name for olivine                       | 8.  | _____ |
| 9. The Periodic Table has symbols for 103 of these    | 9.  | _____ |
| 10. A close cousin to malachite                       | 10. | _____ |
| 11. The Alma King                                     | 11. | _____ |
| 12. A suffix that means "rock"                        | 12. | _____ |
| 13. India has a large occurrence of these             | 13. | _____ |
| 14. An image, picture                                 | 14. | _____ |
| 15. A prize for scientific achievements               | 15. | _____ |
| 16. Actinolite & hornblende are two                   | 16. | _____ |
| 17. Kirk & Spock were main characters                 | 17. | _____ |
| 18. Al, Mn, Ni, S, U                                  | 18. | _____ |
| 19. Bisbee Blue                                       | 19. | _____ |
| 20. Appetite spelled a different way                  | 20. | _____ |
| 21. Pyrope or spessartine or almandine                | 21. | _____ |
| 22. Cu <sub>3</sub> AsS <sub>4</sub>                  | 22. | _____ |
| 23. A close cousin to azurite                         | 23. | _____ |
| 24. Fe  | 24. | _____ |
| 25. 5 cents   | 25. | _____ |
| 26. To go out   | 26. | _____ |
| 27. Metallic or vitreous or resinous                  | 27. | _____ |
| 28. A mine entrance                                   | 28. | _____ |
| 29. 6-sided crystal form                              | 29. | _____ |
| 30. John (?) Powell                                   | 30. | _____ |
| 31. It makes a Geiger counter tick                    | 31. | _____ |
| 32. Kind of looks like azurite                        | 32. | _____ |
| 33. symbol for fluorine                               | 33. | _____ |
| 34. Cu <sub>4</sub> SO <sub>4</sub> (OH) <sub>6</sub> | 34. | _____ |
| 35. Carlsbad or Japanese Law                          | 35. | _____ |
| 36. One of the 3 major rock types                     | 36. | _____ |
| 37. The town too tough to die                         | 37. | _____ |
| 38. Reaction to UV light                              | 38. | _____ |

**FROM:**

**T.G.M.S.  
3727 E. BLACKLIDGE DRIVE  
TUCSON, ARIZONA 85716**



**TO:**

**Tucson Gem and Mineral  
Society, Inc.**

**3727 E. Blacklidge Drive  
Tucson, AZ 85716**

**Phone: 520-322-5773**

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**PURPOSE:** To encourage interest and study in geology, mineralogy, lapidary, and allied earth sciences.

**Meetings:** Usually the first Monday of the month, starting at 7:00 p.m., except September (second Monday because of the Labor Day holiday), June-August (potlucks). The TGMS facility address is: 3727 East Blacklidge Drive, Tucson, Arizona 85716

**The Tucson Gem and Mineral Show ®:**

The second full weekend in February, starting with Thursday.

**Affiliations:** American Federation of Mineralogical Societies, Inc. (AFMS), Rocky Mountain Federation of Mineralogical Societies (RMFMS), Visit Tucson, Tucson Metropolitan Chamber of Commerce (TMCC), Greater Oro Valley Chamber of Commerce

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