

Tucson Gem and Mineral Society, Inc.

ROCK TALK

Volume 8 - Issue 5

May - June 2014

President's Page

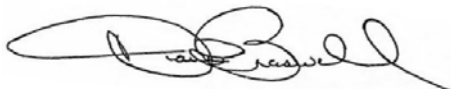
Hello Everyone,

Well, this is the end of another year and what a year it has been !!! We had wonderful potlucks last summer, great speakers for our General Meetings (thank you so much, John Callahan!!), members who have "stepped up" to provide refreshments for all those meetings, lots of great Field Trips, profitable and well attended sale in December, a wonderful Christmas Party and an absolutely phenomenal 60th Anniversary Show. The success of all these projects and events can only happen thanks to a wonderful and committed office staff, volunteers, Show Committee and Board of Directors. So a special "THANK YOU" to all of you that gave of your time and energy to make this year a resounding success.

Now it is time for the awarding of our scholarship for the 2013-2014 year. Our recipient this year is Barbara Lafuente. She attends the University of Arizona, was recommended by Dr. Robert Downs and approved by the Board of Directors. She is highly qualified and very deserving. Please welcome her when she receives her award at our meeting in May.

Also, it is time for our annual election. A slate has been prepared for the membership by the nominating committee and will be handed out at the May Meeting. You can find a list of the candidates on page 3. Nominations from the floor are acceptable and are encouraged. I want to thank everyone who served on the nominating committee and those that agreed to serve on our Board of Directors.

Have a wonderful summer, be safe, remember our potlucks and thank you for the privilege of serving as your President .



Tucson Gem and Mineral Society, Inc. 2013 - 2014 Officers & Directors

President: Diane Braswell ph. 520.574.1942
Vice President: John Callahan, ph, 520.888.3302
Recording Secty.: Marilyn Reynolds, ph. 520.296.0688
Treasurer: Ellen Alexander, ph. 520.743.9383
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Director: Bob O'Donnell ph. 972.523.3567
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Librarians: Robert & Elaine Royer

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TGMS General Meeting - February 10, 2014

The General Meeting of the Tucson Gem and Mineral Society was called to order by President Diane Braswell at 7:30 p.m. Everyone was welcomed to the meeting and thanked for attending.

ANNOUNCEMENT: John Callahan announced that the program for the May meeting will be a specimen auction. He is asking that specimens with a story or history be donated for the auction. Please check your collections and see if you have an interesting specimen to donate.

PROGRAM: "The Forgotten Caves of Bisbee, Arizona" was the topic of speaker Richard (Dick) Graeme, a Bisbee native from a pioneer family that arrived in Bisbee in 1883. By six years of age, Dick was going into the mines (often alone by candlelight) and collecting minerals, some of which are still part of his 5000 plus Bisbee specimen collection. He is a U of A graduate in Geological Engineering, worked underground as a miner for 12 years and as the resident Geologist of the Copper Queen Mine. When Bisbee closed in 1975, he was transferred to Ajo, where he left geology and went into management. He is currently in charge of a \$6 billion copper project in the high Andes of Peru.

There were hundreds of caves in western district of the Bisbee area with a great variety of mineral deposits. The Copper Queen was associated with a cave of very rich, almost pure malachite. More ore bodies and more caves were found, all sulfur oxidation in origin and all very large. The mined caves have now been filled or collapsed.

BREAK: Refreshments were provided by Jo Anne Sam and Sandy Clover and included cake and a variety of cookies. Many thanks!

OLD BUSINESS:

Field Trips: Kerry Towe reported that the January 25th trip to the Silverbell Mine was a good collecting site and 30 members were allowed in. March 7th will be a trip to the Mission Mine and there are 27 people on the list. The Purple Passion trip will be March 16 instead of February 22nd. There is a \$20 fee with half being paid by TGMS. The owner will take the group to four mines, ending at the Purple Passion. April 25-26 will be to the Oceanview Mine for tourmaline. The collecting fee is \$50 with half being paid by TGMS. May 3rd will be the Rowley

with a \$15 fee. June 7th Carlisle Mine Dumps in New Mexico. July (no date) will be a trip to Orange Bluff, New Mexico. Kerry is also working on a trip back to the Broken Arrow in Tonopah, Nevada for turquoise which will be in time frame of the last two weeks of June or first two weeks of July. Collecting fee is \$100.

Helen Serras-Herman is in St. Joseph's hospital following back surgery. We all wish her well and a speedy recovery.

Diane Braswell thanked Wayne Klement and his crew for getting the new cases together and the linings made and installed. Great job!

Members are encouraged to contribute to the new Case Endowment Fund.

NEW BUSINESS:

Community Outreach: Nothing new to report.

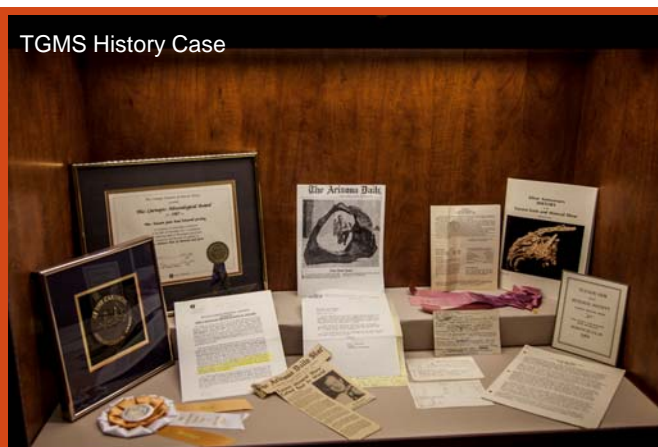
UA Mineral Museum: A new exhibit, "The Best of Arizona Collectors," is opening and all are encouraged to see the exhibit.

Tucson Botanical Gardens: Friday and Saturday, February 15-16, at 9:00 a.m. there will be a sale of Harrison Yocum's rocks.

DRAWING FOR DOOR PRIZES: Sandy Clover, as meeting host, made the first choice. Drawing winners were Denise Nelson, Gene Kenyon, Barb Mastoff and Nanci Johnson.

The meeting was adjourned at 9:15 p.m.

Respectfully submitted,
Marilyn Reynolds, Recording Secretary



TGMS General Meeting - March 3, 2014

The General Meeting of the Tucson Gem and Mineral Society was called to order by President Diane Braswell at 7:30 p.m. There were no visitors and new members present.

PROGRAM: Shaunna Morrison is a third year graduate student with Dr. Bob Downs at the University of Arizona and is a NASA Mars Science Laboratory (MSL) science team member. She spoke on "Mars and its Minerals" starting with the launch of the Curiosity Rover in November 2011 and the challenges/concerns about the new landing system on Curiosity. The trip took eight months and touch-down was August 5, 2012. The goal is to examine the lower reaches of Mount Sharp using the Che-Min instrument to define the chemical composition of the Mars surface using x-ray diffraction. She showed video clips of various stages from development of Curiosity to diffraction patterns, received from the Rover, one of which shows there was water on Mars at one time.

Shaunna also thanked the TGMS membership for the scholarship she received and spoke of how helpful it was.

BREAK: Bob and Elaine Royer provided the refreshments of fruit, carrots, tomatoes and cookies. Thanks to both!

OLD BUSINESS:

Approval of Minutes: **MOTION:** To approve the minutes of the January 6, 2014 General Meeting as written and distributed with the announcement for this meeting. Seconded and approved.

Field Trips: Kerry Towe reported that the March 7 trip to the Mission Mine will be to two areas. Meet at the mine office at the west end of Pima Mine Road. Collecting will be from 9:00 a.m. to 12:00 p.m. For the March 16 trip to the Purple Passion Mine, meet in Wickenburg at the Mc Donald's at 10:00 a.m. The fee is \$20, half to be paid by TGMS. Areas visited will be the Hogan Claim, Monarch Hill, Amethyst Hill and the Purple Passion. April 5 trip to the Rowley Mine, meet at the mine at 10:00 a.m. which is off of Painted Rocks Road about half a mile. Fee is \$15, \$5 of which will be paid by TGMS. April 26-27, is the trip to the Oceanview Mine in California. Collection fee for one day is \$50. TGMS will pay half for one day only. Possible minerals include tourmaline, kunzite and aquamarine. A trip to Tonopah, Nevada for turquoise will be Memorial Day weekend or the following weekend. For members who wish to join the Albuquerque Gem and Mineral Society, they will have a trip June 21-22 to Colorado for smoky quartz.

NEW BUSINESS:

2015 Show: **MOTION:** To approve having a 2015 Show. Seconded and approved.

Helen Serras-Herman is home from the hospital and today is her birthday. Please sign the card for her.

UA Mineral Museum: A collector from New Jersey has donated his collection to the museum.

DRAWING FOR DOOR PRIZES: Bob Royer, as meeting host, made the first choice. Drawing winners were Jerry Foley, Martha Erdem, Fred Pfarrius and Denis Menard.

Reminder: Specimens with a story wanted for the May auction. Proceeds will go to the Show case fund.

The meeting was adjourned at 9:07 p.m.

Respectfully submitted,
Marilyn Reynolds, Recording Secretary

**THE TGMS NOMINATING COMMITTEE HAS
SUBMITTED THE FOLLOWING NAMES FOR
2014 - 2015 TGMS OFFICERS & DIRECTORS:
VOTING TO BE DONE AT THE MAY
GENERAL MEETING:**

List of candidates for TGMS Officers:

President:	Diane Braswell
Vice President:	Mark Marikos
Treasurer:	Ellen Alexander
Recording Secty.:	Marilyn Reynolds
Membership Secty.:	Alrene Hibben

List of candidates for TGMS Directors:

Madison Barkley
Richard Gottfried
Jo Anne Sam

TGMS General Meeting - April 7, 2014

The General Meeting of the Tucson Gem and Mineral Society was called to order by President Diane Braswell at 7:35 p.m. Visitors and new members were recognized and welcomed to the meeting.

PROGRAM: The speaker was Ron Gibbs, a geologist and mining engineer employed by Freeport-McMoRan Copper & Gold in Oro Valley. Ron is one of the main authors of the next edition of Minerals of Arizona and has written articles for Mineralogical Record, Rocks and Minerals and Mineralien-Welt. He has also presented talks at symposiums and annual meetings of several micromineral groups around the country. He discovered an unknown lead aluminum silicate which has been approved as the new mineral "rongibbsite." Ron's topic was "Micromineral Collecting, Bigger Isn't Always Better." Beginning in 1667 the newly invented microscope was used to study minute bodies and around 1880 the micromineral hobby started. Microminerals may be unmounted or temporary mounted leaving them available for further studies or they may be permanently mounted in protective containers. Some aspects of micromineral collecting are it requires study and a deeper knowledge of mineralogy, takes less space, costs less, and variety as some are not available as large specimens. Collectors need a good hand lens, binocular microscope, trimmer, collecting gear and cleaning tools. The simple rules of field collecting are leave no dump untouched, never give up, don't forget personal protective equipment, obey all signs, use a good hand lens and experience the joy and wonder. Ron followed with photographs of many beautiful micromineral specimens.

Next month's meeting will feature an auction of mineral specimens with a story or interesting history.

BREAK: Many thanks to Carol Johnston and Bill Hodgson for providing the refreshments which included turkey pastrami, cheese, crackers, jelly beans and wonderful homemade carrot cupcakes.

OLD BUSINESS:

Field Trips: Kerry Towe reported successful collecting for those attending the three recent field trips to Mission Mine, Purple Passion & Monarch Mines and to Rowley Mine. April 26th and 27th trip will be to the Oceanview Mine for tourmaline, kunzite and aquamarine. Collecting will be from 11:00 a.m. to 3:00 p.m. A fee of \$25 is due at sign-up. A trip to a Variscite Mine west of Tonopah, Nevada will be Memorial weekend or the following weekend.

NEW BUSINESS:

Educational Class: Bill Shelton's topic will be "Diopside, Wulfenite and Hemimorphite" on Tuesday, April 8th at 7:00 p.m.

Summer Pot Lucks: There is a sign-up sheet in the back room to host a pot luck. TGMS may be used as the site.

Community Outreach: Diane Braswell attended a meeting Friday, April 4th, in Phoenix for people interested in earth sciences education in schools. Marty Zimmerman will provide kits, rocks and training for TGMS volunteers who are interested in going into schools with rock bags for the students and a kit for the teacher. The volunteer would teach the class and leave the kit for the teacher to use with future classes. This involves mainly 3rd grade through high school, but the program has been taken to children as young as pre-K. Also, the Boy Scouts have a geology badge and this program meets all the needs for getting the badge. A suggestion was made to place minerals/rocks in school libraries also.

U of A Mineral Museum: Diane made a brief mention regarding pending receipt of a collection from New Jersey.

DRAWING FOR DOOR PRIZES: Carol Johnston, as meeting host, made the first choice. Drawing winners were Bob Lind, Rebecca Stanton, Janet Rupp and Martha Erdem.

The meeting was adjourned at 9:00 p.m.

Respectfully submitted,
Marilyn Reynolds, Recording Secretary



TGMS Board Meeting - September 30, 2013

Present: Ellen Alexander, Mark Ascher, Diane Braswell, John Callahan, Alrene Hibben, Mark Marikos, Bob O'Donnell and Marilyn Reynolds.

Absent: Madison Barkley

Staff: Pat McClain

The Board Meeting was called to order by President Diane Braswell at 6:35 p.m. in the TGMS Conference Room.

Minutes Approval: Minutes of the April 22, 2013, June 4, 2013 and July 8, 2013 Board Meetings were presented.

MOTION: To approve the minutes as written. Seconded and approved.

Treasurer's Report: Income YTD is \$132,309.74. Expenses YTD are \$29,614.52.

Old Business: The purpose of the meeting was to update everyone on the cases and related information.

Show floor plan: A new arrangement gives more dealers a corner to increase room for attendees to view the products displayed. There will be an increase in dealer fees of approximately 5%. The exhibits will be more centralized and some of the center aisles will be carpeted. There will be new carpet in the Arena also. To increase comfort and eye appeal, there will be benches and greenery in the exhibit areas as well as umbrellas hanging from the ceiling.

Case lighting: LED lights from China were selected. The cost is \$150 per case for 120 cases totaling \$18,000 plus shipping and tax. **MOTION:** To approve the expenditure for lights. Seconded and approved.

Case blueprints: Robert Johnson from GLHN is drawing blueprints for 30 1/2 inch, 48 inch and 66 inch cases which will be ready in two weeks. Paul Harter has written a "Request for Bids" letter to go out with copies of the blueprints to cabinet makers. Bids are to be submitted to TGMS within ten days of receipt of the blueprints.

Donation letter and form have been approved: With donations of \$500.00, a plaque bearing donor's name, or the name of someone they wish to honor, will be placed on a case. Tuller Trophy will make the plaques which will be routed into the case front.

Storage: Information from three national chain storage facilities, Cool Box Portable Storage, 1-800-Pack Rat and PODS, was presented. Case storage will depend on the size and weight of the new cases and the weight capacity and climate control of the storage boxes. One or two new trailers are also needed and that search is continuing.

Meeting was adjourned at 8:30 p.m.

Respectfully submitted by

Marilyn V. Reynolds, Recording Secretary

TGMS Board Meeting - November 9, 2013

Present: Ellen Alexander, Diane Braswell, John Callahan, Alrene Hibben, Bob O'Donnell and Marilyn Reynolds. Madison Barkley present via Facetime.

Absent: Mark Ascher, Mark Marikos

Staff: Pat McClain

Guest: Paul Harter

The Board Meeting was called to order by President Diane Braswell at 8:40 a.m. in the TGMS Conference Room. The purpose was to review the bids received for construction of new Show cases and to make a decision on which company to be awarded the contract.

Bids were received from the following companies: Omega Tool and Mold, Swiss & Martin, Crossroads Custom Cabinetry, and Wood Intrigue. All bids were reviewed and discussed at length, including items included in bid price, extras added and warranty. Crossroads Custom Cabinetry also submitted a bid for an alternative design in addition to a bid for the design per specifications sent to bidders. A prototype for the alternative design was sent to TGMS for Board review.

MOTION: A motion was made to accept the Crossroads bid for 80 48" cases of the style depicted on the bid set of plans. The motion was amended to accept the bid for the alternate design instead of the bid design. The amended motion was seconded and passed.

Case Lighting: The Board previously appropriated \$18,000 for LED lights for 120 cases. These have been ordered from China and are due to arrive in December.

Case Storage Follow-Up: Cool Box can hold up to 5000 pounds in the 8 ft x 8 ft x 20 ft storage container.

Meeting was adjourned at 10:10 a.m.

Respectfully submitted by

Marilyn V. Reynolds, Recording Secretary

It's Not All About Basketball - By Anna Domitrovic

When we think of March Madness, we think of basketball finals. But for TGMS, it can also mean another year to judge at SARSEF. We've always known it as the Southern Arizona Regional Science & Engineering Fair, but that's not the 501(c)3 non-profit associated with the fair. SciEnTek-12 held that distinction. It was re-named last year and is now the Southern Arizona *Research, Science & Engineering Foundation*. So now SARSEF can mean two things. And not only does TGMS judge at the Fair, but we are also sponsors who contribute to the Foundation.

Another noticeable change this year was the absence of Jack Johnson, founder and long-time presence during the week-long fair activities. Unfortunately, we lost Jack last year. But his legacy lives on, not only as fond memories, but with the addition of the Jack Johnson Founder's Scholarship Award, presented for the first time this year during the Awards Ceremonies.

What hasn't changed is TGMS's participation in judging and presenting awards. This year's judges included Janet Reue (back after a year's sabbatical), returning judge Jim McGlasson and "yours truly." This year's winning projects came from the 2nd, 4th, 5th and 6th grades.



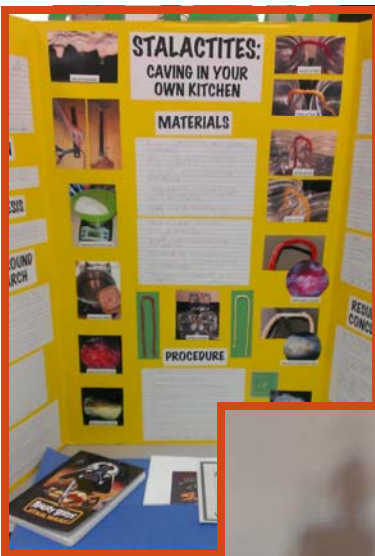
"Rocks of the Rainbow" got our nod from 4th grader Charles Copenhaver. He questioned whether color in rocks and minerals was related to the elevation at which they were found. He concluded that there was no

relation, but the idea was certainly an interesting one. Charles attends Robert Richardson Elementary school and his teacher is Michelle McWilliams.



Fifth grader Audrey Knowlton's project, "Ready, Set, Drip!" wasn't just a winner for us. Several other organizations recognized the quality of the work that went into her project. Audrey wondered which grew fastest, stalactites or stalagmites, and assumed it was the latter. Using different mediums in a relatively

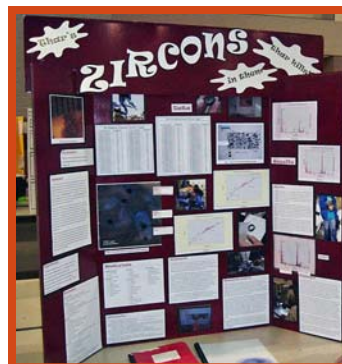
short period of time, she grew stalactites faster than stalagmites. Audrey is home-schooled by her mother Karen.



Caleb Rasor, our 2nd grade winner, looked at cave formations in a bit of a different way. His project, "Stalactites - Caving in Your Own Kitchen", measured water capillarity using two different threads - cotton and acrylic - and related that to



stalactite formation. Caleb goes to Ironwood Elementary and his teacher is Lori Witkowski.

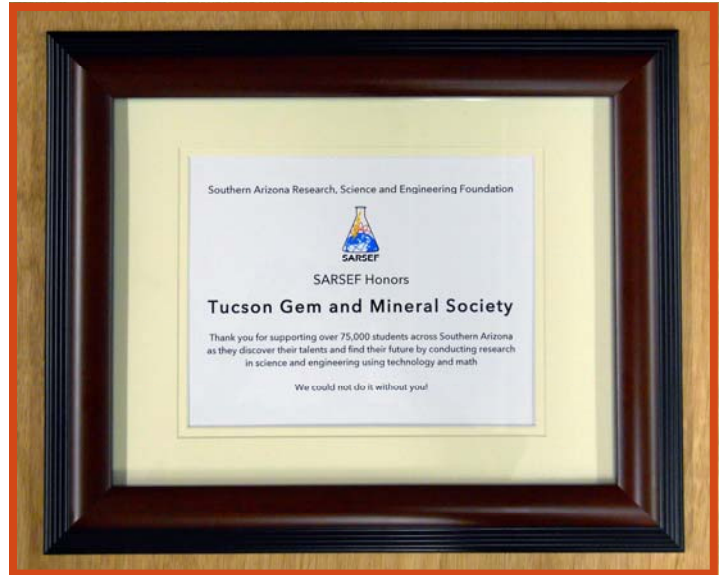


Finally, Vail Academy's 6th grader Mathew Fosdick, taught by Kelly Johnson, determined that, indeed, "Thar's Zircons in Them That Hills!" He wanted to prove that the sand in Sabino Canyon came from the Santa Catalina Mountains by examining

It's Not All About Basketball - CONTINUED

the minerals in the rocks above to see if they also occurred in the sands below. He tried garnets (sand rubies) first, but couldn't find enough in the rocks to prove his point. But he found that zircons occurred in both places and could date them with equipment he had access to at the U of A.

TGMS President Diane Braswell represented TGMS at the honors ceremony on April 9, where regional professionals and SARSEF judges can mix with student project awardees. It's always a good feeling to be recognized by an organization we've been associated with for at least 40 years. I've always encouraged TGMS members to get involved with this worthwhile endeavor and I'll continue to do it for as long as I am judging team leader. So, why not join us? Look for the addition of SARSEF under Community Outreach on your membership application, and let us know you want to be a part of the Fair next year.



3-20-14

Dear Diane ~

We just wanted you to know how much we appreciate all the effort you took in putting together the prize bags for your sponsored SARSEF winners. My son, Chas, won for 4th grade & was so excited to receive the gifts. You have truly inspired him to learn even more about rocks and he is already planning next year's project!

Thank you so much for caring enough to make such great effort!

A few latitudes of gratitude for all you've done!

Sincerely -
Chas Copenhagen
and family

Tucson Gem & Mineral Society

Thank you for all my great Awards!!

Thanks for the bag full of all the cool stuff!! Thank you for the honorary membership and letting me display my board later in the year!! That will be so cool!!

Thanks!!

Audrey

"THANK YOU" NOTES FROM
CALEB RASOR
CHARLES COPENHAVER
AUDREY KNOWLTON

Dear Mrs. Braswell,

Thank you for all the cool things. I can't wait to display my project at the 2015 Gem and Mineral Show. I save my money all year to buy fossils and minerals there!

Love,
Caleb

Arthur Roe Memorial Micromount Symposium & the NEW MicroMineral Room

This year there was something new at the Show. In addition to the annual Arthur Roe Memorial Micromount Symposium, there was a room open throughout the Show dedicated to microminerals, except during the micromount symposium talks. There will be more on the room following a summary of the symposium.

The day of the symposium microscopes were set up in the Turquoise Ballroom early in the morning and visitors started gathering right away. At ten o'clock the talks started with a total of three speakers.



The first speaker was Maureen Campeau from Simkev Micromounts who presented "Micromounts - pulchritudo in parvitas - beauty in smallness. From the naked eye to .25mm." The talk

was a collection of photographs from the presenter's collection of micromounts. There was a wide variety of species and localities presented.

The second speaker was John Koivula who is the chief research gemologist at the Gemological Institute of America. He presented "The MicroWorld of Diamonds." The talk focused on inclusions in diamonds and the various ways they present themselves. The talk featured a spectacular array of photos and was delivered very engagingly.



The final speaker of the day was Van King, a well known collector and author, who presented "Microminerals of Franklin-Ogdensburg, New Jersey." The title summarizes the talk very well. Van King is presently working on a



book on the minerals of Franklin-Ogdensburg and has started taking photographs of specimens for the book. He presented several of the photos he plans on using

and made a call for additional pieces that could be photographed for inclusion in the book.

Following the talks, the giveaway tables were opened and people started gathering around the scopes trading specimens and talking rocks. The giveaway tables were not as richly populated as they normally are because some material was needed for the micromineral room.

In the room there were microscopes set up for visitors to use. There were tables with giveaway material that was frequently updated with fresh supplies. Club members were allowed to sell microminerals in the room with 20% of the sales going to the club. Through this arrangement, approximately \$500 was given back to the club from the micromineral sales.



There was also a display in the Galleria to show off microminerals and allow members of the micromount group to engage the public in our aspect of the hobby. Many kids and adults alike were taken by the beauty they could see through the microscope. There was also an electronic picture viewer that rotated through

photographs of micromounts.

The micromount symposium and micromineral room were very successful from the perspective of the organizers. The micromount group plans to work this year to make improvements on the room and to get the word out about it for next year's Show.

Article by: Mark Ascher
Photos By: Ken Don & Ron Gibbs

2014 Tucson Gem and Mineral Show™ - Competitive Winners

Brett Keller	Toenail Minerals	1 st Place Best Master
John Schneider	One Locality	1 st Place Master
Phil Richardson	Thumbnails-Single Crystals	2 nd Place Master
Brandy Zzyxx	Thumbnails	1 st Place Best Advanced
Brent Lockhart	Cabinet Minerals	1 st Place Best Novice
Angela Cannon	Cabinet Minerals	1 st Place Novice
Angela Cannon	Educational	1 st Place Novice
Gordie Downs	Open Class	1 st Place Best Junior-Master
R. Clay Downs	Open Class	2 nd Place Junior-Master
Harris Kominski	Thumbnails	1 st Place Best Junior
Kristopher Bolds	Open Class	1 st Place Junior
Kaleigh Brown	Educational	1 st Place Junior
Chloe Main	Open Class	1 st Place Junior
Samuel Diana	Thumbnails	2 nd Place Junior
Dominic Diana	Thumbnails	3 rd Place Junior

Best of Theme

Georg Gebhard	Thumbnail
Christel Gebhard	Toenail
Von Ceil Bless	Miniature
Paula Presmyk	Small Cabinet
Paula Presmyk	Best Arizona

Special Trophies

Al & Sue Liebetrau	Bideaux (Best Arizona Specimen)
Brent Lockhart	Lidstrom (Best Single Specimen)
Jim & Gail Spann	Desautels (Best Case)
Jean des Rivieres	Romero (Best Mexican Mineral)

TGMS General Meetings are open to the general public. All other meetings/events are for TGMS Members only.

TGMS Calendar May 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5 TGMS General Meeting 7:30 p.m.	6 TGMS Educational Class 7:00 p.m.	7	8 TGMS Show Committee Meeting 6:30 p.m.	9	10
11	12 TGMS Micro Mtg. 7:30 p.m.	13	14	15	16	17
18	19	20	21	22	23	24
25	26 "Memorial Day" 	27	28	29	30	31

**Unless otherwise stated ... all meetings are held at the Tucson Gem and Mineral Society facility.
Located at: 3727 E. Blackledge, Tucson, Arizona 85716**

ROCK TALK

FROM:

T.G.M.S.
P.O. BOX 42588
TUCSON, ARIZONA 85733



TO:

Tucson Gem and Mineral Society, Inc.

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Tucson, Arizona 85733**

**Phone: 520.322.5773
Fax: 520.322.6031
E-mail: tgms@tgms.org**

We're on the web
www.tgms.org

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

Meetings: Usually the first Monday of the month, starting at 7:30 p.m., except February (on Monday, week of the Show), June-August (potlucks), and September (second Monday because of the Labor Day holiday). 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), International Federation of Micromount Societies (IFMS), Visit Tucson, Tucson Metropolitan Chamber of Commerce (TMCC).