

2017
May - June

2016 - 2017

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Mark Marikos

Vice President:

Mike Hollonbeck

Recording Secretary:

Marilyn Reynolds

Treasurer:

Ellen Alexander

Membership Secretary:

Alrene Hibben

Director:

Mark Ascher

Director:

Ron Gibbs

Director:

Ortrud Schuh

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TUCSON GEM & MINERAL SOCIETY

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EXPLORE DISCOVER SHARE

President's Page



As I prepare to begin my tenure as Past President of TGMS, I want to pause and reflect on some things I have learned over the past two years, and to thank all of you for allowing me to serve you as President. It's actually been fun – which has been a surprise. Yes, there have been a few “not-so-fun” moments but, for the most part, I have enjoyed it and it was nothing like I feared it might be at the beginning. To the incoming President, I hope you have as much fun as I did. I will share a bit more on that later, but first let me talk about some lessons I have learned (or re-learned!).

Something I thought I knew before, but learned much better from experience was the importance of being a “servant leader.” You have probably figured out by now, that I am not really big on “power” as a leader. I think it is often just an illusion and, at best, way overrated. It takes way too much energy to maintain, and generally does not accomplish as much because power is usually opposed by other powerful people. I can say that those who most influenced me during this time were those who also serve as servant leaders. The “powerful” ones were rarely that influential, at least not in any positive way.

Secondly, I learned the importance of having the support of good people. In keeping with that, I want to thank Pat and Rose for the invaluable support you provide. Pat, you as our Executive Manager and Rose, you as our Executive Assistant, exemplify the kind of dedication, diligence, and proficiency that every organization needs. You have been a pleasure to work with, and have been a great help as I bumbled my way through the last two years. I learned so much about the organization, the Show, and the many entities we work with from you. I know your jobs are sometimes thankless, but not from this quarter!

To the incoming Board, I want to encourage you to take advantage of the depth of knowledge and experience offered by Pat and Rose as you lead TGMS. Contact them if you ever have a question about how things have gotten done in the past, what needs to be done in the future, and how to navigate the sometime stormy water of a non-profit volunteer organization. If it happened, they have records of it and can generally produce them within a few minutes. I have been amazed at the efficiency of their operations. But most of all I have been impressed at their dedication to the organization. They give way more than they get (unless you count personal satisfaction!).

I want to also thank all of you who have served with me on the Board. We have had an outstanding Board that has done some great things, and laid the groundwork for even greater things. And we have done most of it with an unusual degree of consensus and solidarity. Our meetings were not always paragons of “Robert’s Rules of Order,” but they were always productive. I appreciate your dedication and willingness to tackle tough issues in an amicable manner, and work together for the good of TGMS.

President's Page – CONTINUED

In the past two Shows, I spent much time, speaking with our dealers, and I wanted to share some insights from those conversations. The first is a credit to everyone involved with the Show. The overwhelming majority of the dealers I met were very positive. I often heard comments that our Show is the best organized of any they attend. Those compliments included Pat and Rose, the Dealer Chairs, and all of the volunteers they encountered. Many found it hard to believe that so many aspects of our Show are managed by volunteers.

Many of the dealers also commented on the overall atmosphere of the Show. While some found it hard to specifically identify what makes the atmosphere so great, others liked the emphasis on education, the proportion of floor space devoted to displays, and the number of museums and institutions represented. Others appreciated the friendliness of everyone they encountered from TGMS, and the "servant leadership" shown by the staff and the many volunteers. TGMS is doing a lot of things right with the Show and, while there is always room for improvement, let's stick with the things that work so well as we explore new initiatives.

To the general membership, again, I want to say serving you has been enjoyable. So many of you have encouraged me and been supportive as I tried to figure out what it meant to lead such an organization. It is through you that my faith in servant leadership has grown. While many of you may not be in a position of leadership, you still lead with the heart of a servant, reaching out to others and leading them deeper into this passion we share.

I look forward to great things in the future, and again count it as a great honor to have served you these two years as President. Thanks for the opportunity!

Keep on Rocking!



Mark Marikos
President



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THE TGMS NOMINATING COMMITTEE HAS SUBMITTED THE FOLLOWING NAMES FOR 2017 - 2018 TGMS OFFICERS & DIRECTORS; VOTING TO BE DONE AT THE MAY GENERAL MEETING:

List of candidates for TGMS Officers:

President: Michael Hollonbeck

Vice President: Les Presmyk

Treasurer: Ellen Alexander

Recording Secty.: Marilyn Reynolds

Membership Secty.: Alrene Hibben

Candidates for TGMS Directors

Mark Ascher

Ron Gibbs

Ortrud Schuh

TGMS Board Meeting — August 11, 2016

Present: Ellen Alexander, Mark Ascher, Diane Braswell, Ron Gibbs, Alrene Hibben, Mark Marikos, Marilyn Reynolds and Ortrud Schuh.

Absent: Michael Hollonbeck

Staff: Pat McClain

The Board Meeting was called to order by President Mark Marikos at 6:30 p.m. in the TGMS conference room.

Minutes Approval of the May 26, 2016 Board Meeting: **MOTION:** To approve the minutes as written. Seconded and approved.

Treasurer's Report: No report, but it was noted that TGMS is in the black.

Old Business:

Adobe Bridge Club has notified TGMS that they will be out of the building by August 31st. They are to clean the carpet and repair the walls. Their automatic payment of the electric bill which is in TGMS's name has to be cancelled. Pat is evaluating foldable vs stackable chairs with padded seats and backs.

Scholarship application was slightly modified and accepted.

Kerry Towe has 22 field trips scheduled for the 2016-2017 year. He has a Code of Ethics which will be emailed to Board members for comment. The TGMS website has a Code of Ethics on it.

Other Old Business:

Mineral Explorers, which is scheduled to appear on a PBS offshoot channel, will credit TGMS as the sponsor. Pat played the 15 second spot that will be shown about TGMS.

The website has some new features including a donation page, new photos on member profiles and articles by Bill Shelton under Bill's Corner. A Show video is also available and the goal is to have a lot of Society videos for all the things we do.

There is nothing new on the courthouse project.

New Business:

Nomination of Dick Gottfried and Peter Megaw for 2017 Co-Chairs: **MOTION:** To accept the nomination of Dick Gottfried and Peter Megaw as Co-Chairs for the 2017 Show. Seconded and approved. Dick will take the lead due to Peter's schedule.

TGMS booth participation in the 2016 Denver Show to represent the Society and the Show September 16, 17 & 18: It was felt that it should be a Society booth due to liability involved and because the Show is one of many functions of the Society. The booth should include information on the Society, membership forms, new brochures and video if possible. We should try it for one year and see what the results are.

MOTION: To participate under the Society in the 2016 Denver Show pending insurance and legal approval. Seconded and approved. Participants would include Pat McClain, Gloria Quigg, Sara Day and Paul Harter, plus others who would like to help.

Request for reimbursement of funds spent to participate in the Denver Show for Gloria and Sara: It was felt that to do so would set a bad precedent. **MOTION:** To not set a precedent of providing reimbursement for participation in other shows. Seconded and approved.

Call to the Audience: No guests present.

Adjournment: **MOTION:** To adjourn. Seconded and approved. Meeting was adjourned at 7:40 p.m.

Respectfully submitted,

Marilyn Reynolds,
Recording Secretary

TGMS General Meeting — March 6, 2017

The General Meeting of the Tucson Gem and Mineral Society was called to order by President Mark Marikos at 7:30 p.m. Visitors and new members were recognized and welcomed to the meeting.

ANNOUNCEMENTS: Wulfenite update from Alex Schauss who reported that the bill to make wulfenite the Arizona State Mineral passed the House by 57 to 1. The bill has passed the Natural Resources and Rules Committees and will go to the Senate floor for a vote. Wulfenite calendars given out by school children had a positive impact by impressing Representatives with the beauty of the mineral. Dr. Schauss thanked members who contacted their Representatives and Senators. He also gave a brief update on the proposed U of A Mineral Museum to be in the old Pima County courthouse.

PROGRAM: Gary Carter spoke on "Early Arizona and the Vulture Gold Mine". The Vulture Mine was the first big gold mine in Arizona and led to development of Central Arizona, particularly Phoenix. Henry Wickenburg and two others found the site in 1863 and filed claim May 21, 1864. Production stopped in 1944 during World War II, but resumed later and the mine is still in production today. Unfortunately, only a dozen or so specimens were saved.

BREAK: Ortrud Schuh provided an excellent spread of meats, cheeses, vegetables, dips, deviled eggs, cookies, mini-brownies and blueberry muffins. Many thanks!

OLD BUSINESS:

Approval of Minutes for the January 9 and January 30, 2017 General Meetings as published in Rock Talk: **MOTION:** To approve. Seconded and approved.

Field Trips: Kerry Towe reported great material was found at the Mission Mine February 25th. Two areas were visited on the Silverbell Mine trip on March 4th. The Duquesne/Empire Mine trip on March 17th is limited to 12, but due to the long waiting list Kerry will see if the owners will increase the limit.

Another trip may be scheduled for that site in April. March 26th will be the trip to the Prism/Spectrum Mine. April trips are in the works. A trip to Snowflake for petrified wood will be in May.

Education Class: Tuesday, March 7th. Bill Shelton's topic will be "Beryl." Sign-up sheet is on back desk.

Micromount Meeting: Monday, March 13th starting at 7:00 p.m.

NEW BUSINESS:

Summer Potlucks: Hosts/hostesses are needed and may use their home or the TGMS facility. Sign-up sheet is on the back desk.

2017 Arizona Mineral Symposium: Ron Gibbs reported on the schedule for the 25th Annual Symposium on "Minerals of Arizona" March 31st and April 1st - 2nd. Flyers are on the back desk with detailed information for seminars and registration.

Scholarship information is on the back desk for college student(s) majoring in Earth Sciences. Eligible students are encouraged to apply.

Rock Swap: Anyone interested, please let the office know and it can be scheduled for a Saturday. It's fun!

Volunteers are needed to help move bookcases from the front room to the big room. Please see Pat McClain if you can help.

Volunteers are needed for an Earth Day Carnival at Robin K-8 school on April 28th from 4:00-7:00 p.m. See Pat McClain.

There is a get well card for Dan Caudle on the back desk. Please sign and acknowledge his contributions to TGMS.

2018 Show: **MOTION:** To have the Show in 2018. Seconded and approved.

DRAWING FOR DOOR PRIZES: Ortrud Schuh, as meeting hostess, made the first choice. Drawing winners were Paula Sherrick, Doug Albrecht, Jen Burgos, Barb Elliott, Bob Royer, Linda Stauffer and Bob Lind.

The meeting was adjourned at 9:35 p.m.

Respectfully submitted,

Marilyn Reynolds
Recording Secretary

TGMS General Meeting — April 3, 2017

The General Meeting of the Tucson Gem and Mineral Society was called to order by President Mark Marikos at 7:30 p.m. Visitors and new members were asked to stand and be recognized and were welcomed to the meeting.

ANNOUNCEMENTS: There is a table on the west side of the room with forms to be signed for those wishing to volunteer for community outreach at Robin K-8 School for their Earth Day Carnival, to help move the library to the big room, to help with a Family Day this summer, and to suggest a Saturday this summer for a member rock swap/potluck. Alex Schauss thanked everyone who helped make wulfenite Arizona's State Mineral. The Bill will be officially signed during an early May ceremony.

PROGRAM: Ray Grant spoke on "Mineral Collecting in Australia." He and his wife have spent summers collecting in all seven states for the past 25 years. The talk was highlighted with pictures of all the mines/collecting locations and the minerals to be found at each one. In addition to indigenous wildlife, imported species including burros, horses, camels and foxes have adapted and are now also "wildlife." Everyone was invited to visit his Pinal Geology & Mineral Museum in Coolidge, Arizona on Arizona Avenue. The website is pinalgeologymuseum.org.

BREAK: Dawn and Cody Schwenk provided refreshments including pizza, cookies, brownies, mini cupcakes and mini cinnamon rolls. Many thanks!

OLD BUSINESS:

Field Trips: Kerry Towe reported that the trip to the Prism and Spectrum Mines yielded some nice fluorite and other specimens. Friday, April 7, Don Cuson will lead a trip to Duquesne for some of the overflow signees from the last trip. The rest of the people on the list will go on the first trip next fall. Saturday, April 8, Don Cuson will lead the trip to Nuevo Corral. Saturday, April 22, will be a trip to the Finch Mine. This trip requires 4-wheel drive to get to the mine and other areas nearby. A big hammer will be needed to break the rock.

Educational Class: Tuesday, April 4 at 7:00 p.m. with instructor Bill Shelton. The topic is "New Acquisitions."

Micromount Meeting: Monday, April 10 at 6:30 p.m.

NEW BUSINESS:

Summer Potluck hosts will be: June-Brad and Linda Ross; July-Dick Gottfried; August-Wolf and Ortrud Schuh. Dates will be provided later.

Scholarship applications are on the back table.

Rock swap/potluck this summer: Pick a date and sign up.

Volunteers are needed to move bookcases and books from the front room to the big room. Sign up or see Pat McClain.

Volunteers are needed for the Earth Day Carnival at Robin School on April 28 from 4:00 to 7:00 p.m. Sign up or see Pat McClain.

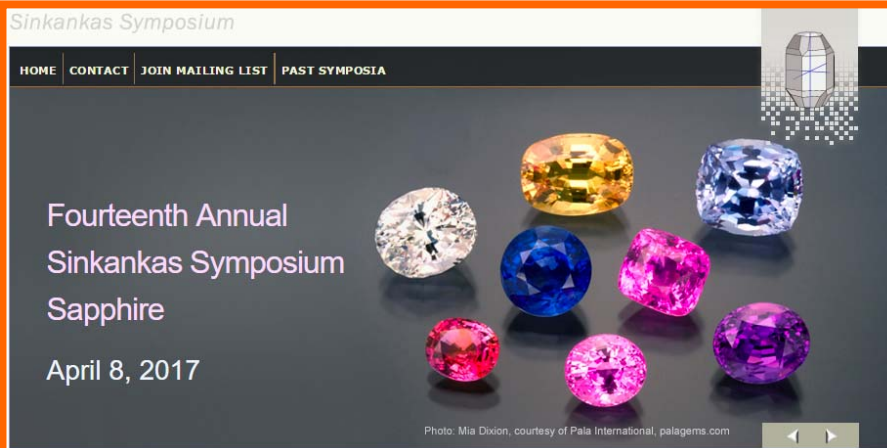
Family Day: We want to get a junior division started as we need to involve younger people. It would be a one-day event on a Saturday with a number of different tables and interactive events similar to the Jr. Ed. at the Show. Sign up to help.

DRAWING FOR DOOR PRIZES: Dawn Schwenk, as meeting host, made the first choice. Drawing winners were Linda Stauffer, Kent Stauffer, Donna Pugh, Jim Kennedy, Donna Test, Jo Anne Sam, Anneliese Foley, Victoria Fila, Vera Schlichter and Kathy Heitzmann.

The meeting was adjourned at 9:11 p.m.

Respectfully submitted,
Marilyn Reynolds, Recording Secretary

What Can I Do On a Spring Saturday in Carlsbad, California? By Paul S. Harter



The answer to this question is really quit simple: attend the Fourteenth Sinkankis Symposium at the Gemological Institute of America. Marilyn and I have been married for 43 years. She hails from beautiful San Diego. So, over the years we have had many trips to visit parents, friends, to take kids to the beach and so on. We have made this drive well over 200 times since being married and never tire of the drive for many reasons: 350 miles gives

you plenty of time to talk (sometimes I think this is becoming a lost art), you get to see a great agricultural belt and what farmers are growing and there is always a stop in Yuma for rolled tacos at Mr. G's. For those who have not made the stop this shop has been a favorite Yuma haunt for over 60 years.

Friday, April 7 dawned bright and cool in Phoenix. Unlike other trips there was no pressure to leave early. Instead, just a leisurely drive. Arrived at Mr. G's in time to beat the lunch rush. A dozen rolled tacos and two drinks make a perfect meal for two. Of course there was an extra Yz dozen for the road. Being familiar with the highways around San Diego allowed us to avoid going all the way west to the 805 (the heart of Mission Valley) and then North. Instead, take the hypotenuse and miss heavy traffic. We got to Carlsbad at about 3:00, checked into the hotel and immediately headed to the Carlsbad Flower Fields. For those who have never visited and have an interest in flowers, this is a must. An entire hillside, 50 acres, planted in ranunculus. Splendid color. In addition to other displays, there was a sweet pea maze. The smell of this flower from Sicily is intoxicating. To finish the day we had scallops and crab cakes for dinner.

Saturday morning was a bit overcast, not fog, but rather a light mist. No mineral collector I know is deterred by a little rain. So we pull into the secure parking lot at 8:00 and checked in. The Carlsbad facility is a beautiful building with grounds to match. Once inside, OJ and coffee, along with assorted pastries were being served. This gives you time to mingle and say good morning to friends and acquaintances. Then upstairs for the talks. Although this was only my 4th Symposium, it was different this year. Roger Merk, a longtime TOMS Show dealer, was not the host, having passed early last year. But, Robert Weldon, who has lectured at TOMS Shows, took up the responsibility.

The Sinkankis Symposium differs from others in that it chooses one gem and all of the talks are focused on the selected gem. This year's theme was "sapphire." Remember - ruby is red, sapphire is blue and all the other colors are "fancy pink, fancy yellow," etc. My gosh, the beauty of sapphire is stunning. The keynote speaker was Richard Hughes who has spent a lifetime in the study of corundum: ruby and sapphire. Even though ruby had been the theme few years back, there was still a small amount of crossover this year and we saw both red and blue. We were treated to a brilliant lecture and many photographs from his trips to sapphire

What Can I Do On a Spring Saturday in Carlsbad, California? By Paul S. Harter ... CONTINUED

locales around the world. People and places, most of us will never see. Richard has been a prolific author on his specialty. The last book, a mere ten (10) pound tome, was available.

As mentioned earlier, the Sinkankis format focuses solely on one gem. There were several talks about the science of corundum, origin, crystal structure, color, etc. While all the presenters are exceptional, one reason I enjoy this symposium is having the opportunity to hear George

Rossman, a Cal Tech professor, talks about color. This year was no exception. He helped all of us learn more about the color of sapphire. If you have the chance to attend a Dr. Rossman lecture, do not miss same. You will not be disappointed. For those interested in history and its interaction with sapphire there were two superb talks, Alan Hart and Lisbet Thoresen. Of course there were talks for those interested in preparation of rough sapphire to finished gemstones. This talk featured re-cutting in order to better show the qualities and attributes of a given sapphire. Photography was not to be forgotten. While all presentations displayed images, there was a fascinating talk about photography and micro-inclusions. Finally, no symposium would be complete without the support of the Larson family. A full size exhibit case was chock full of specimens, gemstones and jewelry from various members of the Larson family. Carl Larson exhibited a magnificent corundum crystal from Riverside, CA and had a "to die for" star sapphire as his "pocket rock." Carl, in Bill's absence, shared stories and photographs of many sapphire crystals, gemstones and pieces of jewelry from the family collection.



But wait, there are additional opportunities during the day. Two other enjoyable aspects of the day at the GIA are a chance to enjoy the various exhibits throughout the building and Dona Dirlam opens the GIA library for "browsing" during lunch. A great library for research. Then, sadly at 5:15 the symposium ended. But, there was one more event of the day: a great seafood feast with friends Dona, Lois, Gloria, Wayne and Dave.

We all came away secure in the knowledge there will be another Symposium in 2018. While the theme has not been chosen, or at least shared, Marilyn and I plan on attending and having another memorable day in Carlsbad. So you see, this is what you can do on a spring Saturday in Carlsbad.

THANK YOU!!!!

From Pat McClain & Rose Marques

Rose and I would like to "Thank" a very special group of people who have, over several years, been of valuable assistance to us during the course of the year. This group of special volunteers, moved boxes from upstairs to downstairs, and visa versa, bought supplies, ran errands, answered the door, filed papers, kept records, sat and put badges together, gone over lists and checked them twice, brought us food and so many other things too numerous to mention. Robert & Yvonne Lind, Kent & Linda Stauffer; and especially Jeannette Barnes, Tim McClain, Bob Ramig, Marilyn Reynolds, Jo Anne Sam and Shirley Wetmore.

SARSEF

Southern Arizona Regional Science and Engineering Fair



Under the very capable hands of Anna Domitrovic TGMS participated in the Southern Arizona Regional Science and Engineering Fair again this year.

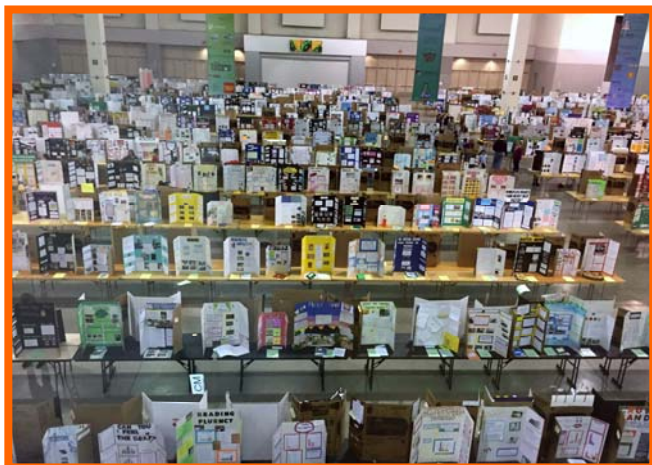
Anna D. as the team leader, Bob & Jeannette Barnes, Robert & Elaine Royer and Jan Reue, had the very fun task of going through numerous projects, from kindergarten to the 8th grade, to find those that

related specifically to earth science (let's see, I know they used 879 tables, times two projects two per table ... you add it up ... it was a lot of projects).



After finding and reviewing those special science projects ... they awarded the TGMS Earth Science Award to the following list of students: Elisa Verdugo, 4th Grade - "Copper Electroplating;"

Orion Abrell, 5th Grade - "Whether Rocks Weather;"



Emerson Hoyle, 5th Grade - "The Green Penny;" Abby Brumm, 6th Grade - "Smelting Bronze From Ore & Its Implications."

We give them a cash award, hats, poster, bags, cups, coloring books, T-shirts, 50th Anniversary pin, SARSEF pin, SARSEF pencil, water bottle, certificate, a year and a half family membership, and a very special invitation to display their project at the Tucson Gem and Mineral Show®.

Look for these projects at the 2018 TGMS Show and prepare to be astounded!!



Additional Information

FROM THE TGMS BOARD AND THE TGMS SHOW COMMITTEE -
THANK YOU!!! TO ALL OF OUR SHOW VOLUNTEERS!

Ruby Munson, Phyllis Candee, Louis Pill, Carole Lee, Melissa Perucca, George Stevens, John Ebner, Joan Beyer, Bob Jenkins, Tim McClain, Wolf Schuh, Brad Gibbs, Steve Harsy, Kathy Heitzmann, Michel & Janey Johnson, Dave & Barbara Witwer, Donna Pugh, Vera Schlichter, Beth Scott, Phyllis Kasterkoff, Jerry & Anneliese Foley, Michael Carducci, Janette Simister, George & Donna Test, Pat & Mary Green, Phil Partington, Robert Niedermeier, Mary Ann Penkova, Ed & Pat Schaffer, Tom & Linda Wilson, Phil & Margie Dunton, Al Romey, Kathy O'Donnell, Fred Pfarrius, Bob & Elaine Royer, Barb Elliot, Phil & Margie Dunton, Bob Price, Rusty Etwiler, Martha Erdem, Aniko Selmeczi, Steve Slaff, Katherine Verbeke, Bob & Yvonne Lind, Wayne Klement, Dave Cormier, Karly Lynch, Bill Besse, Erick & Susan Weiland, Victoria Fila, David Clement, Ray Merritt, Carl Bowlby, Bill Pawlowski, Carlos Gristani, Kim Filips, Bruce Kaufman, John Callahan, Brad & Linda Ross, Bob Morgan, Shirley Wetmore, Kerry Towe, Jim Sell, Richard Nassi, Bob Melzer, Cody Schwenk, Brian & Dawn Schwenk, Steve Richard, Deb Alderman, Ron Pellar, Barb Muntyan, Alex & Laura Schauss, Chris Whitney-Smith, Kent & Linda Stauffer, Nita Nisonger, Barb Mostoff, Bill Carmody, Debi Harris, David & Barb Korzendorfer, Anna Domitrovic, Eckhard Stuart, Bill Hodgson, Von Ceil Bless.

WE COULDN'T DO IT WITH OUT YOU!!!

FYI - THIS JUST IN FROM KERRY TOWE!

There is space available for members and non-members to collect turquoise through the Bisbee Mining & Historical Museum ... on Saturday, April 29, 2017. You can call 520-532-7071 and obtain more information as well as reserve your spot!

POTLUCK DATES FOR 2017!!

SATURDAY - JUNE 10, 2017 - BRAD & LINDA ROSS

SATURDAY, JULY 15, 2017 - DICK GOTTFRIED

SATURDAY, AUGUST 5, 2017 - ORTRUD & WOLF SCHUH

SAVE THE DATES AND MARK YOUR CALENDARS!

MORE INFORMATION WILL BE FORTH COMING - WATCH FOR IT!

**CRYSTALS
AND
CRYSTAL FORMS**

THE 64TH ANNUAL
TUCSON GEM AND MINERAL SHOW®
February 8-11, 2018

ROCK TALK

Encouraging the interest and study in geology, mineralogy, lapidary and allied earth science.

FROM:

T.G.M.S.
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TO:

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Twitter: [@TGMSociety](https://twitter.com/TGMSociety)

YouTube: [TGMS Video](https://www.youtube.com/TGMSVideo)

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 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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