

2015
NOVEMBER—DECEMBER

2015 - 2016

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EXPLORE DISCOVER SHARE

President's Page



There are some exciting things happening this year, as we approach the 2016 Show, and I want to take a moment to thank one person who has played a key part in two of those new developments.

For several years, Peter Megaw has been developing the idea we introduced at the October meeting, called "Certified Fresh for TGMS" (CFFT). It was recently approved by the Board, and is going live for the 2016 Show! Under this program, when dealers come to Tucson, TGMS representatives will meet them and place CFFT seals on flats that they designate. Those flats will remain sealed until they arrive on the Show floor, where they will again be checked by TGMS representatives. If all of the sealed flats are still sealed, the dealer's booth will be designated with a

"Certified Fresh for TGMS" sign indicating the proportion of their stock that was first opened at our Show (100%, 50% or 20%). Thank you Peter for this wonderful idea, and for the work you have done to promote it this year!

The new Spotlight Cases are ordered and will be delivered in time for the 2016 Show. These will be a great improvement in our continuing efforts to update the Show, making it the Show to emulate. Again I want to thank Peter for his great efforts in securing commitments for funding of the cases. Due to his efforts we are a significant way along the path to funding the entire cost of the cases! I also want to thank Paul Harter and Les Presmyk for their work with the supplier to create a design that should serve us well for many years, and one that will improve display quality due to the new LED lighting. And thank you to the delegation that viewed and critiqued the prototype at the Denver Show (Diane Braswell, Mike Braswell, Sara Day, Gloria Quigg, Peter, Paul and Les). Your thoughtful suggestions significantly improved the design.

As we announced at the October meeting, one of the new Spotlight Cases will be dedicated to Dr. Robert Lavinsky and The Arkenstone, in recognition of his continued support of TGMS and our Show. Rob does many things to promote and support TGMS and the Show, including support for Junior Competitive exhibitors. When you see him at the Show (or elsewhere) take a moment to thank him in person.

The November 7th "Rock Swap and Potluck" is coming! Those who attended the July potluck and swap enjoyed it so much, that we have decided to do it again. Bring some specimens that you would like to swap with others, and share a favorite dish. The one rule is, "have fun!" Don't worry if you don't have any specimens to swap. Most will be willing to work out other "swaps" if you find something you want. (My mom used to swap homemade chili and jelly to college students for mineral specimens.) I encourage you to also bring some specimens you would be willing to give to kids and new collectors to help them build their collections. The swap starts at 2:00 PM, which is after the Old Pueblo Lapidary Club auction. So make it a "rocky" day, and come to both events!

Lastly, I want to thank all of you for the wonderful way you make visitors feel welcomed. It's hard coming into something new, and when visitors or new members are greeted with warm smiles and kind words, that goes a long way towards making them feel at home. And thank you too for your enthusiasm and support for all that TGMS does. I appreciate the many words of encouragement I have received – you are a great group of people to serve!

Keep on Rocking!

Mark Marikos

(president@tgms.org)

TGMS General Meeting – September 14, 2015

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

PROGRAM: John Callahan, a retired illustrator with the U.S. Geological Survey, collector and student of Arizona minerals and occasional TGMS caterer, presented "Maps, Mines and Minerals of our Santa Cruz Valley." The valley, as shown on a map, is defined by the watershed for the Santa Cruz River which includes a part of upper Sonora, Mexico as well as parts of Santa Cruz, Pima and Pinal Counties in Arizona. John gave a history of mines in the area with photographs showing some of the early mines and what can be seen now of some of them. He then showed photographs of minerals from the well-known specimen mines.

BREAK: Refreshments of mini muffins and vegetable combinations were provided by Pat McClain and Rose Marques, TGMS office staff and members.

OLD BUSINESS:

Approval of Minutes for May 4, 2015 as published in Rock Talk: **MOTION:** To approve the minutes. Seconded and approved.

Field Trips: There is a published schedule of field trips for the 2015-2016 year in the back room along with "What to Bring with You on a Field Trip." Diane Braswell reported that the October 3rd trip will be for blue agate only as the road conditions to the carnelian meadow are virtually impassable due to recent rains. It was suggested that attendees make it an overnight trip. The group will meet at the Bear Wallow Café in Alpine at 8:00 a.m. Merritt Simmons will lead the October 31st trip to Round Mountain for agate and quartz. Information and sign-up sheets for both trips are available in the back room.

Hospitality: Volunteers are needed to host the general meetings. The Society reimburses \$100.00 for the cost of refreshments and the host gets first pick on a drawing mineral specimen. There is a sign-up sheet in the back room.

NEW BUSINESS:

Gloria Quigg, Show Chair for the 2016 Show, announced that the Show Committee meetings are open to any member and issued an invitation to attend to see what goes on. She also stated that she is open to suggestions and information from members.

Show Fees for 2016: The Board has approved a recommendation from the Show Committee to raise admission fees due to increased costs, particularly a large increase in rental for the space in the TCC. The fees have not increased for five years. The recommended fees are: Single day \$13.00 (\$12.00 plus \$1.00 tax from TCC), two days \$21.00 (\$20.00 plus \$1.00 tax), (not good with any other discount), \$2.00 off on Friday for senior citizens and active/retired military (not good with any other discount), and TGMS will offer a \$2.00 off coupon (not good with any other discount) available from the TGMS website.

MOTION: To approve the new fees. Seconded and approved.

Harold Urish passed away September 8th. Memorial service will be Tuesday, September 15th, 11:00 a.m. at the Lutheran Church of the Risen Savior. Memorial gifts are to be given to the church. There is a card in the back room for the family for members to sign.

12th Annual Mineral, Fossil, Jewelry Art & Craft Sale: Jo Anne Sam announced that there are three spaces left for the December 5th Sale.

Cananea, Sonora Day Trip: Helen Serras-Herman presented information about the tour which will visit the third largest copper mine in the world, the William C. Greene mansion and grounds, and Inah's Revolutionary Museum. The trip is Saturday, September 26th for \$122.00. There are only a few spaces left.

UA Book Festival: TGMS is looking at participating next to the Earth Sciences group in the Science City area March 12-13, 2016. It must be an interactive exhibit.

Jerry Glazman talked about the travels he and Mary took this summer during which they handed out TGMS 2016 Show posters and membership brochures to the Albuquerque club, the Denver Museum and many other locations and clubs. The information was well received and he encouraged members to do the same when they travel.

DRAWING FOR DOOR PRIZES: Pat McClain, as meeting host, announced she was giving her choice to a member who has never won and selected Bruce Kaufman. Drawing winners were, Minerals: Dennis Menard, Mary Glazman, Louis Pill, Janet Rupp, Thomas Tuten and Janette Simister. Posters: Anita Nisonger, Brian Schwenk, Pete Peterson, Ginny Peterson, Herb Ross and Dawn Schwenk.

The meeting was adjourned at 9:10 p.m.

Respectfully submitted,
Marilyn Reynolds, Recording Secretary

TGMS General Meeting — October 5, 2015

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.

PROGRAM: Anthony J. "Tony" Albini spoke on "Five Years at the Spinelli Prospect, Glastonbury, Connecticut". With permission from the owner granted to Tony, specimen mining for samarskite took place from April 2008 to June 2013. Spinelli prospect is a very historically significant site as samarskite from the site has been dated to 258 MYA, confirming at the time that the earth is at least that old. Scintillometers were used to locate an area of the uranium bearing samarskite. Record breaking specimens were recovered, including doubly terminated, unbroken crystals in matrix up to 15 cm. Columbite-(Fe) occurs in association with the samarskite. A 15 cm monazite-(Ce) specimen recovered is the largest one from Connecticut.

BREAK: Henry Miller provided a selection of gourmet desserts which were impressive and delicious. Many thanks.

OLD BUSINESS:

Field Trips: Diane Braswell reported that seven people went on the October 3rd trip for Luna blue agate and five continued for carnelian, which is in an area that had been inaccessible a week before due to rains. Merritt Simmons reminded members to sign a release form if attending the October 31st trip to Round Mountain for agate and quartz. The group will leave TGMS at 7:00 a.m. and meet in Lordsburg at Loves at 9:00 a.m. Jerry Glazman will lead a trip to St. David for selenite roses on Sunday, November 8th. Kerry Towe announced that a trip to Red Cloud will be December 12th. A fee of \$15.00 is due at sign-up. North Geronimo and Pure Potential Mines will also be included.

Hospitality: There are still months needing a host for the general meetings. Please sign-up in the back room. TGMS reimburses up to \$100.00 for refreshment expenses and the host gets first choice of a specimen for the drawing.

Education Class: Tuesday, October 6th at TGMS from 7:00-8:30 p.m. Bill Shelton's topic is "Zircon."

Festival of Books at UA Mall: TGMS has submitted an application to participate in Science City. If accepted, volunteers will be needed to help with an interactive exhibit on March 12 & 13, 2016.

Show Committee: Gloria Quigg reported that there will be a new procedure for volunteering for the 2016 Show. Show chairs will provide information on their areas so members will be better able to decide where they would like to help. Also new will be "Certified Fresh for TGMS". For this first year, mineral dealers will specify flats of specimens that will not be shown at other venues in town and will be reserved for the TGMS Show. The dealer signs saying 100%, 50% or 20% are new for our Show only. This is to encourage more people to stay in Tucson for the TGMS Show. Jo Ann Sam explained that the Exhibit Hall Information Booth provides information on exhibits, vendors and facilities in the Exhibit Hall and the Arena to guests. Docents under Ellen Alexander will share in this activity. Wayne Klement discussed case linings which start the Saturday before the Show in conjunction with case assembly. Case liners are made per exhibitor requests. The liners are removed after the Show closes on Sunday. Dick Gottfried explained the school visits procedure which will include students currently studying earth sciences in class as required by State regulations for field trips.

NEW BUSINESS:

TGMS Christmas Party: Wednesday, December 16th, at TGMS. The cost is \$5.00 for members and \$10.00 for guests. There is a sign-up sheet in the back room.

Rock Swap & Potluck: Saturday, November 7th, 2:00 p.m. to 6:00 p.m. at TGMS. RSVP to 520-322-5773 or tgms@tgms.org and let Rose or Pat know what food item you are bringing so there will be a diverse selection and they will know how many people to plan for.

Dallas Mineralogical Symposium: TGMS is a recipient of \$7,595.00 from funds raised at the charity auction held at the symposium. This is a result of Dr. Robert Lavinsky's ongoing support of TGMS, in recognition of which, one of the new cases will be dedicated to him. **New Display Cases:** Mark Marikos read the Information he sent out with the meeting announcement which describes the new cases to be used for the large special exhibits at the Show and explains the proposed financing arrangement. He asked for a motion to approve the arrangement so TGMS could go ahead with getting the cases. **MOTION:** So moved. Seconded and approved.

Sierra Vista Show: October 10 - 11, 2015 at the community college.

OPLC: Members tailgate sale is Saturday, October 11 starting at 10:30-11:00 a.m. after their meeting.

Mineral, Fossil, Jewelry, Art & Craft Sale: December 5th, 9:00 a.m. to 4:00 p.m. at TGMS. Jo Anne Sam announced that all tables inside are full and there are four dealers outside.

DRAWING FOR DOOR PRIZES: Henry Miller, as meeting host, made the first choice. Drawing winners were Donna Pugh, Bob Royer, Gloria Quigg, Jo Anne Sam, Wayne Klement, Paul Heese, Lesley Crawford, Cody Schwenk and Denis Menard.

The meeting was adjourned at 9:50 p.m.

Respectfully submitted,

Marilyn Reynolds,
Recording Secretary

CERTIFIED FRESH FOR TGMS!

2016 TUCSON GEM AND MINERAL SHOW®

For the first few decades of the Tucson Gem and Mineral Show®, dealers were known to save their best specimens to sell there and collectors came expecting to purchase from that select pool. With the proliferation of satellite shows, some starting as early as mid-January, the Tucson Gem & Mineral Society (TGMS) Show Committee has been hearing people question the “freshness” of our dealers’ stock. We know that “it’s only business”... dealers will sell where and when the money is available, and that buyers shop where they can get the best specimens, but we don’t like hearing “After two weeks of motel sales everything good has already been seen/sold, so why stick



around for the TGMS Show?” We recognize that having top quality dealers with top quality goods is as important as our exhibits, educational programs and social functions and we want to foster strong mineral business at our Show in the same spirit in which we’re upgrading our exhibits and overall layouts. Buyers respond when they know they’re seeing fresh goods; witness the crowds waiting to get at the Minette Collection when Dawn Minette made debuting it at TGMS a term of the sale (Thanks Dawn!). So, if someone outside TGMS can do this, then so can we, to the benefit of our dealers, buyers and the entire mineral collecting community. The question remains how to dispel the doubts harbored by those who insist that backroom

deals will always eat into set-backs and that all dealer claims of freshness are suspect.



Enter “Certified Fresh for TGMS” (CFFT), a voluntary program that will verify that a certain amount of stock was set aside and left untouched until the TGMS Show. The program has three levels of participation: 100% (TGMS Only), 50% (Certified Organic), and 20% (Healthy Choice). The dealer alone decides how much and what to set aside; on arrival in Tucson TGMS volunteers will go to the dealer, count the set-back flats and seal them with tamper-proof CFFT tape. (TGMS is not certifying quality so we will not look in the flats.) The same team will visit the dealer at set-up, verify that the right number of flats is present and that the seals are intact. Assuming all is correct, the participating CFFT dealers will get a sign indicating their percentage of participation to display prominently on the case(s) where their CFFT goods are displayed. To help buyers navigate directly to the

things they know are new, TGMS also will highlight the participating dealers on signs in the lobby and make it possible to highlight CFFT in our advertising.

Competitive Exhibits – for TGMS Members



To: TGMS Member

Please join us at the 62nd Annual Tucson Gem and Mineral Show®, February 11-14, 2016. 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 November 20, 2015. **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 2016 is “**Shades of Blue: Minerals of the World.**” 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 10, 2016 (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 (480) 892-0779 or email: presmyk@cox.net, or the Tucson Gem and Mineral Society office at 520-322-5773, or email: tgms@tgms.org.

We look forward to receiving your application.

Sincerely,

Les Presmyk
Competitive Exhibits Chairman



Arthur Roe Memorial Micromount Symposium

2016 Tucson Gem and Mineral Show®

Friday, February 12, 2016

9:30 AM - 6:00 PM Arthur Roe Memorial Micromount Symposium

9:30 AM - 10:00 AM Welcome and Scope Setup

Symposium Talks:

10 AM - 10:45 AM



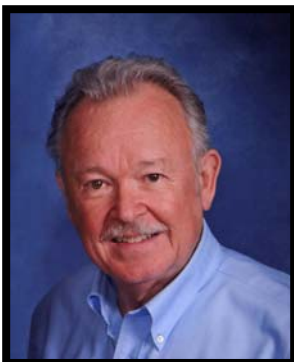
[Lecture by Mr. Quintin Wright - Turquoise Ballroom](#)

One of the most frequent questions asked of micromounters is, "What's special about micromounting?"

This presentation aims to answer that in a series of steps ranging from the size of crystals to their condition, acquisition, mounting, and social impact.

The last takes a look at how North American and off-shore societies approach micromounting in terms of community activity, and ends with the idea that "What's special" is basically that it's a lot of fun.

10:45 AM - 11:30 AM

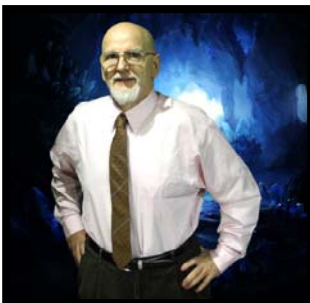


[Lecture by Dr. Peter Richards - Turquoise Ballroom](#)

A talus slope along a northern Ohio river exposure of Upper Devonian Huron Shale caught fire by spontaneous combustion in September 2009 and burned until March 2011; minerals formed by condensation and sublimation of various gasses produced by the fire as these gasses neared the surface and cooled down. This process is analogous to fumarole deposition associated with volcanos.

Twenty-three species were formed by this fire, 17 of them new to Ohio, four of them new to science, and another three known from less than five localities worldwide according to Mindat. Most are water-soluble ammonium sulfates (with other ions), though the most abundant mineral, salammoniac, is a halide. This talk will illustrate the species assemblage and focus on the many habits, some beautiful and some whimsical, of salammoniac found at the site.

11:30 AM - 12:15 PM



[Lecture by Mr. Van King - Turquoise Ballroom](#)

The Franklin Mineral District has the largest number of species found at a mineral locality in the USA and is third in the world for a similar-sized area: 365 valid species.

The Franklin Mineral Museum is sponsoring a book featuring image-stacked photographs of as many species from "Franklin" as can be located and there are now representatives of all but ten of the verified species.

The presentation will feature some of the best images obtained so far among the Franklin micromounts, both in **white light** as well as a few under ultraviolet.

12:15 PM - 6:00 PM "Freebie" Table, Socializing, Specimen Trading Session

Help Needed for School Visits – Dick Gottfried



The job of “herding” the school children into the Tucson Gem and Mineral Show® seems like a simple enough job, but, in reality, there’s lots of preliminary work involved behind the scenes that has to be done. Invitations are sent to every school in Pima County, both public and private, by email in October and their applications are received throughout November and December. Every application will be approved, and their time of arrival is assigned (actually the times they requested since they will arrive whenever the buses get them there -- assigning arrival times is an exercise in futility).

In late January or early February before the Show, we distribute the coloring books to each of the schools so that the students can see what we are exhibiting in the Show. This year we are featuring blue minerals. So what do you do with a coloring book? Blue is blue isn't it? Not really – there are shades of blue. We contacted Crayola Corp. who just happened to have boxes consisting of eight different shades of blue. Problem solved!

Here is where more work comes in. We have to pack the crayons with the coloring books for the total number of students coming from each of the schools. We also are going to affix a golden TGMS® sticker to each crayon box (cheap advertising but labor-intensive). All the instructions for the teachers are also included, plus the February copy of *Rocks and Minerals* for the teacher -- this issue features our Show and is useful for the teachers' to orient the kids ahead of time. **I NEED HELP HERE.** We can start as soon as we have all the materials together, and I will call you when we are ready.

NOW we have to distribute all the materials (contained in boxes, courtesy of the USPS) to each of the schools. Tucson Unified School District will deliver to all the TUSD schools, but all the rest have to be hand-delivered to the schools in the other districts and to all the private and magnet schools. **I NEED HELP HERE!!!**

On Friday morning at the Show, I am looking for someone to give introductory remarks to the kids about the Show. You will have a bullhorn.

We also need as many members as possible to be at the exhibit cases so that they can explain to the kids what they are seeing and why the exhibits are important.



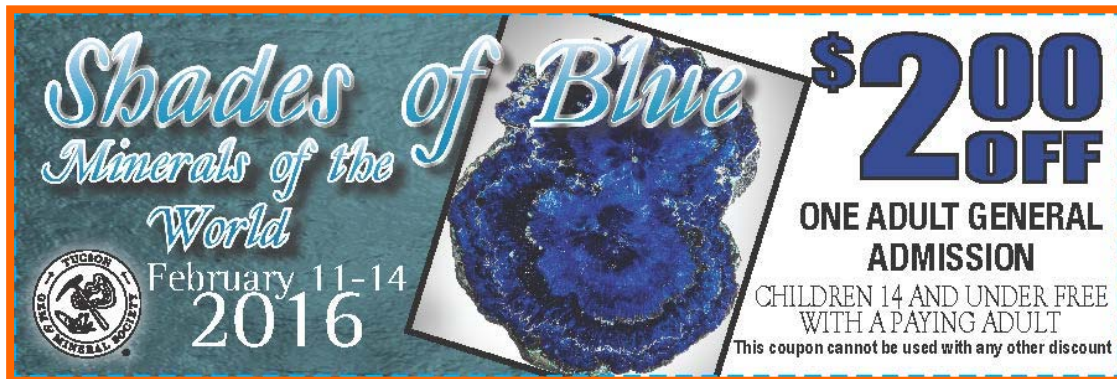
2016 Tucson Gem and Mineral Show®

Admission:

\$12.00 plus \$1.00 ticket tax for \$13.00 total. Children 14 years and under are *FREE WITH A PAYING ADULT*.

Discounts relating to ticket sales:

1. Friday, February 12, will be Active/Retired Military and Senior Citizens Day (62 and older), with a discount of \$2.00 off the regularly priced ticket (cannot be used with any other discount).
2. 2-day tickets will cost \$20.00 plus \$1.00 ticket tax for \$21.00 total (cannot be used with any other discount).
3. TGMS will be offering a \$2.00 off coupon (cannot be used with any other discount).



TGMS members (who are not volunteering) will be required to pay \$5.00 plus \$1.00 ticket tax for \$6.00 total

Tickets:

Advance ticket sales by Thursday, January 14, 2016, available at the Tucson Convention Center and all TCC outlets.

Ticket Sale Hours:

Each day start selling one hour before the Show opens and discontinue sales one hour before the Show closes.

Two sales locations for the 2016 Tucson Gem and Mineral Show®: One location will be in the Grand Lobby, Granada Street entrance, and the second will be the Church Avenue ticket office.



TGMS Rock Swap & Potluck!!

FOR: TGMS Members Only
 WHERE: 3727 E. Blacklidge Drive (TGMS building)
 DATE: Saturday, November 7, 2015
 TIME: 2:00 PM to 6:00 PM
 RSVP TO: 520-322-5773 or tgms@tgms.org
 (Please RSVP to help with the diversity of dishes and how many to plan for.)



Come and enjoy good company, good food and trade your rocks, fossils, slabs, minerals, gemstones, rough, equipment, supplies and more!!

12th Annual Mineral, Fossil, Jewelry Art & Craft Sale

FOR: Open to the Public
 DATE: December 5, 2015
 TIME: 9:00 am – 4:00 pm
 WHERE: At the TGMS facility – 3727 E. Blacklidge



Christmas Party!



WHEN: Wednesday, December 16, 2015
 WHERE: TGMS facility - 3727 E. Blacklidge Drive
 TIME: Starting at 6:00p.m., dinner at 6:30 p.m. and the concert will begin around 7:30 p.m.
 It will include a catered dinner and entertainment by Melody Louise. Her exceptional vocal stylings and versatility includes a repertoire ranging from Jazz Standards, Pop Rock to Country Classics.
 COST: TGMS members **pay \$5.00 and TGMS member invited guests \$10.00.**
 This helps cover the expenses incurred in having a "GREAT" party. You can also contact the TGMS office and make reservations by calling 520.322.5773 or emailing tgms@tgms.org.
 The deadline for signing up is **December 11, 2015.**



TUCSON FIREFIGHTERS CHRISTMAS FUND: Bring an unwrapped new toy to the November 2nd General Meeting, or call the TGMS office to drop off toys. We will be collecting toys through our December 7th General Meeting. Please help to put a smile on a child's face this Christmas season.



COMMUNITY FOOD BANK DRIVE: Please bring a donation of unopened canned, boxed, packaged food items to the November 2nd General Meeting, or call the TGMS Office to drop off your food items. We will be collecting donations for the Food Bank through our December 7th General Meeting. Your help will make a difference in the lives of a lot of people.

ROCK TALK

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

FROM:

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



TO:

Empty box for recipient information.

Tucson Gem and Mineral Society, Inc.

P.O. Box 42588
Tucson, AZ 85733

Phone: 520-322-5773
Fax: 520-322-6031
Email: tgms@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 September (second Monday because of the Labor Day holiday), June-August (potlucks). The TGMS facility address is: 3727 East Blackledge 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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