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EXPLORE DISCOVER SHARE

President's Page



Happy New Year! I hope all of you had a wonderful holiday. I must admit that mine has been a moving experience – literally. As I write this I am in the process of moving 14 years worth of stuff to a new place, and the process of packing offers countless opportunities to reflect on re-discovered “treasures” from years past. It’s really much like New Year’s as we look back on the past year and decide which memories to treasure and which ones go in the Goodwill box. Just like material treasures, their present values are not the same as when we first acquired them. Some memories make us wish we

could get those hours (or dollars) back, while others fill us with joy and hope for the new year. I hope your memories of 2016 are mostly of the second type.

As a Society, we have some good memories of 2016, including the increased availability of our clubhouse. I think Pat and Rose will agree that it simplified planning and setup for the December Sale and the Christmas Party. We have also had some wonderful Potluck/Swap gatherings that would not have been as easy before. It also opens up some new opportunities for 2017 and beyond!

2016 held special significance in that TGMS celebrated its 70th birthday on December 3! It’s really a testament to the dedication and enthusiasm of our membership that the Society is so healthy and vibrant – and relevant! A lot has changed in the hobby over 70 years, but TGMS still puts on the best Show of its kind in the world, and continues to break new ground in sharing the hobby with the local and global communities. Thank you all for the volunteer work you do at the Show and throughout the year.

Of course, we are now ramping up for the 63rd annual Tucson Gem and Mineral Show ®. This one holds special meaning for me, having spent my first 35 years in Missouri. There are some classic districts and deposits in the Midwest, with histories stretching back to the early 1700s. When I worked for the Missouri Geological Survey, I would often encounter people who wanted to restore the cultural heritage of the state. I would ask them if they could name anything that happened there before 1720. They were often surprised to find that that was the year that commercial lead mining began in the “Old Lead Belt”, south of St. Louis (if St. Louis had been there at that time!). Since then two other lead-zinc districts

President's Page – CONTINUED

(Joplin-Tristate District and the Viburnum Trend) have also been the leading sources of lead for the United States. All three districts produced some stunning mineral specimens.

Other significant Midwest mineral specimens come from:

Northern Tristate (Iowa-Illinois-Wisconsin) Lead and Zinc district,

Michigan (Upper Peninsula) Copper district,

Lake Superior Iron ranges,

Maybe area (Michigan) celestite and strontianite deposits,

Illinois coal-field pyrite-suns,

South Dakota sand-calcites,

Ohio fluorite, calcite, strontianite and celestite deposits,

Southern Illinois-Northern Kentucky Fluorite district,

Central and Southeast Missouri barite districts,

Central and Eastern Tennessee zinc districts,

Jet area (Oklahoma) sand-selenite deposits,

Missouri Precambrian iron deposits

Northern Arkansas zinc deposits,

Arkansas wavellite deposits,

Murfreesboro (Arkansas) diamonds pipes,

(see <http://www.mindat.org/photo-109653.html> - *The flawless deep canary-yellow 4.21-carat "Okie Dokie Diamond" found March, 2006 by Oklahoma State Trooper Marvin Culver*)

Hot Springs (Arkansas) quartz deposits,

Magnet Cove (Arkansas) district,

... to name a few. The Midwest has also produced some spectacular fossils ranging in age from Proterozoic algal stromatolites through Paleozoic trilobites, crinoids, brachiopods, bryozoans, Pennsylvanian plant fossils, to Pleistocene mammoths, mastodons, sloths, and other large invertebrates. Fossils of some of the largest land-mammals to have ever existed come from volcanic ash deposits in Nebraska.

So I suspect, that the Show theme might shake out a few surprises that have been lurking in museum and private collections from around the world. I hope you will enjoy it as much as I anticipate.

In advance, I want to thank you for doing your part in making it happen.

Let's rock it!



Mark Marikos
President



**TUCSON
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SOCIETY**

DON'T FORGET - THE FEBRUARY GENERAL MEETING WILL BE HELD ON **JANUARY 30, 2017!!!**
MARK IT ON YOUR CALENDAR AND WATCH FOR THE ANNOUNCEMENT!

TGMS General Meeting — November 7, 2016

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: Dr. Peter Megaw spoke on “Mines and Minerals of the Santa Eulalia District, Chihuahua, Mexico.” He discussed the history of the area and its mines starting in 1703 to 1739 when the Spaniards mined the area up to the present day. He explained the geology and its role in mineral formation. The talk was highlighted with historical and modern photographs of the mines, the town of Santa Eulalia and the amazing mineral specimens found in the mines. He then encouraged members to put a Guest Exhibit in the 2017 Show. Information can be found in the November-December 2016 Rock Talk and on the TGMS website.

BREAK: Kerry Towe provided a Thanksgiving dinner with all the trimmings. It was amazing again this year. Thank you, Kerry.

OLD BUSINESS:

Approval of Minutes for October 3, 2016 General Meeting as printed in Rock Talk:

MOTION: To approve the minutes. Seconded and approved.

December 3rd Mineral, Fossil, Jewelry, Art & Craft Sale: Vera Schlichter reported there are no available spaces left inside and only a couple outside. Booth fee is \$25.00 and participants must bring their own 10 ft. table. She asked for donations of baked goods for the visitors.

Field Trips: Recent field trips to the Apache Reservation for peridot, the Critic Mine, and Red Cloud Mine yielded some good material, particularly good micro specimens. The Tiger Mine trip will be December 8th. Sign up at the December Meeting. The group will meet at 8:00 am at the mine office. Thanks to the TGMS Field Trip Guidelines, the field trip was approved.

Educational Class: Tuesday, November 8th, 7:00-8:30 pm at TGMS. The subject will be “The Apatite Group and Related Species.”

Micromount Meeting: Monday, November 14th, 7:00-8:30 pm at TGMS.

NEW BUSINESS:

Case Linings for the Show: Wayne Klement has stepped down as Chair and is succeeded by Jeannette Barnes and Elaine Hughes as Co-Chairs. Thank you, Wayne, for your contributions to case linings.

Schedule Changes for upcoming General Meetings: The January, 2017, Meeting will be January 9th and the February Meeting will be January 30th.

December 14th is the TGMS Christmas Party starting at 5:30 pm. Cost is \$5.00 for TGMS members and \$10.00 for invited guests. The last day to sign up is December 9th.

DRAWING FOR DOOR PRIZES: Kerry Towe, as meeting host, made the first choice. Drawing winners were Alrene Hibben, Steve Harsy, Jerry Foley, Stew Towle, John Ebner, Kim Filips, Anita Nisonger and Jan Rasmussen.

The meeting was adjourned at 9:30 p.m.

Respectfully submitted
Marilyn Reynolds,

TGMS General Meeting — December 5, 2016

The General Meeting of the Tucson Gem and Mineral Society was called to order by President Mark Marikos at 7:27 p.m. Visitors and new members were welcomed to the meeting and asked to stand and introduce themselves.

PROGRAM: Dr. Alexander Schauss, PhD, FACN, CFS spoke briefly about the opening of the David Friend Hall of Minerals at the Yale University Peabody Museum of Natural History, October 11-13, 2016. He showed photographs of the space and outstanding mineral specimens. His featured topic was “Minerals, Trace Elements and Human Health” which was very enlightening. Interactions between many elements can affect the brain, notably lack of magnesium or magnesium deficiency is important in the pathogenesis of all degenerative diseases including Alzheimer’s and senility. Zinc is essential to over 300 enzyme reactions covering all six classes of enzymes. He described numerous research studies in which he was involved and papers and books he wrote as a result. Anyone wanting a PDF of “Mitigation of Inflammation with Foods” can email Dr. Schauss with a request, including their email, to Alex@AIBMR.com or Aschauss@email.arizona.edu.

BREAK: A celebration for TGMS’s 70th anniversary! Barb Elliot and Sharlene Baker provided cakes and sparkling cider.

OLD BUSINESS:

December 3rd Sale: Vera Schlichter reported there was a good turnout and she thanked the vendors who participated.

Field Trips: Kerry Towe announced that those going on the Tiger Mine Trip on Thursday, December 8th, are to meet at the BPH office at 8:30 am at the intersection of Veteran’s Memorial Boulevard and S. McNabb. Wear sturdy shoes, long pants and sleeves and a hard hat. January 14, 2017 there will be a one hour underground tour of the mine in Tombstone. There is a \$15.00 fee.

Educational Class: Tuesday, December 6, 2016. Bill Shelton’s topic will be “The Rest of the Apatite Group-Pyromorphite, Mimetite, Vanadinite.”

Micromount Meeting: Thursday, December 8, 2016.

Christmas Party, Wednesday, December 14, 2016: Last day to sign up is December 9th. Cost is \$5.00 for members and \$10.00 for guests.

NEW BUSINESS: No new business.

DRAWING FOR DOOR PRIZES: Barb Elliott, as meeting host, made the first choice. Drawing winners were Louis Pill, Stew Towle, Donna Pugh, Beth Scott, Tim George, Denis Menard, and Harold “Andy” Anderson.

The meeting was adjourned at 9:40 p.m.

Respectfully submitted,
Marilyn Reynolds,
Recording Secretary

2017 Tucson Gem and Mineral Show®

Volunteers Wanted!!!

Ohmygod, it's only 34 days before the 2017 Tucson Gem and Mineral Show®! How the year has flown!

The Show Committee has been working diligently to get all phases of the Show ready, and the pace is about to accelerate to warp speed. Have you volunteered to help on any of the various committees? We can always use your help. Remember, THE SHOW IS RUN BY YOU, OUR VOLUNTEERS. WE DO NOT HIRE PROFESSIONALS TO DO IT FOR US!!! We always do a better job than they could possibly do anyway.

We will always need help in setup and take down, keeping the information booth staffed, acting as docents to explaining the exhibits to the public, herding the school children during the Friday morning school visits, and on and on and on and on and on...you know what I mean. If you are interested in volunteering, call the TGMS Office and they will give you the list (or names) of Show Committee Chairs to contact. Because of time that we have left before the "Show", you will need to contact the individual Chairs directly. They will take it from there!

In my case, I do need help in setting up and distributing the coloring books and teacher instructions directly to the schools a week or two before they attend the Show. We already have 24 schools signed up and hope to have more in the coming month. I usually spend at least one full day personally delivering the school packages, but this year I will have many other duties taking precedence. Could you volunteer to deliver a few boxes to schools in the area where you live? The locations stretch from Marana to South Tucson, downtown to the foothills. And all points in between.

I want to express my appreciation to all the Show Committee members. They all know what they are doing and are more than competent in knowing what must be done and how to do it. This is the type of committee that makes the Co-Chairmen look good. And I refuse to take credit for this. They deserve all the thanks we can give them.

Dick Gottfried
Show Committee Co-Chairman



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2017 Tucson Gem and Mineral Show®

Our 2017 Show will be another year of stellar exhibits. Over 150 exhibitors from all over the world will be coming, roughly 50 museums and special institutions and the rest private collectors. About 80 of the cases will feature Minerals of the Midwest ... one of the best theme turnouts we've ever had. It looks like Michigan Coppers, Tri-State and Viburnum Trend sulfides, Illinois and Tennessee fluorites, Arkansas quartz and calcite from all over the place will lead the pack for numbers but there will be a number of cases with some great surprises from less well known localities. Just to tease you a little, one of the recently dug Arkansas Quartz pieces (the *Holy Grail*) is bigger than a large man! There will also be cases from the "Midwestern" part of a lot of other places too ... like Asia, Australia, Europe and The UK as folks have fun playing as close to our theme as they can.



Photo by: Jeff Scovil

This will also be a great year for golds, with three major new pieces from California premiering at our show and our long-time friends from the Rice Museum are bringing the *Alma Rose* ... one of the best Colorado rhodochrosite pieces. Gems, jewelry, fossils and memorabilia from the Midwest and elsewhere will also be there to dazzle you!



This is just part of what TGMS is doing for *you* this year ... the Kennedyesque question is ***what will you be doing for TGMS?*** We have always prided ourselves on how we go out of our way to make all our exhibitors, dealers, and attendees feel welcome and appreciated ... and there are lots of opportunities for taking part in the fun. The case construction and lining crews always need ready and

steady hands to make our great new cases ready for our visitors; these jobs have the advantage of being done well before the Show, so you can rest on your laurels while others are busy if you want. Exhibits security, docents and general help with set up also need keen eyes, sharp minds and ready hands to keep things under control during set up ... ***and especially strike on Sunday.*** (There is a very special place in TGMS Heaven for those who stick around until the end to wrap things up when everyone else is headed for the barn).

Because of how close we are to the "Show", email or call the TGMS Office and ask to be put in touch with the folks in charge of the area you want might want to help with (Robert Crowell for display cases; Elaine Hughes & Jeannette Barnes for case linings; John and Nancy Howard for exhibit move-in/move-out and general set up logistics; Ellen Alexander for Docents, Dick Gottfried for the Friday morning School Visits, just to name a few). Doing a healthy share of the work gets you a parking pass and lunch ... **not to mention the pride and satisfaction of being able to say "I helped" when someone exclaims at another great TGMS Show.**

Start sleeping an extra hour a night so you're ready for what makes the TGMS Show the world's best!

Peter Megaw
Exhibits Chair



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Mineral, Fossil, Jewelry, Art & Craft Sale - 12.3.16



This was the first year that we didn't have to deal with all of the extra furniture ... we had the whole place to ourselves!



Everyone really enjoyed that relaxed pace on Friday afternoon!



Everything was set and ready to go for the sale to open!



Lot of goodies to eat!



Lot of things to look at and BUY!!



Here are some of the TGMS members who participated in the "sale" this year ... which just happens to have been the Society's 70th Anniversary!!

Thanks Vera for all of your hard work!
Hope you are ready to do it again next year!

TGMS Christmas Party!



Thanks Mark and Christina for being our "Santa Claus" and "Super" elf!

Food, Music, Dancing, Decorations, Raffle Prizes and just plain good old FUN!



Thank you to our Christmas Elves! Kent & Linda Stauffer, Bob & Jeannette Barnes and Victoria Fila

2017 Tucson Gem and Mineral Show® - Mineral Photo Contest

HERE IS WHAT YOU NEED TO DO!!!

1. What are the different categories: **Micro and Macro, determined by specimen size**. Two entries maximum for each category per participant. Entries must be identified as to the species, location, size, owner and photographer. Stacking or other image manipulations and refinements beyond normal processing must be disclosed.
2. What type of file do you need to submit: **A digital jpeg, tiff, etc.**
3. What is the due date for **final** submittal: **The day before competition, which is February 7, 2017.**
4. Who do you submit your file to: **They can be sent via the internet to jeffscovil@earthlink.net. If submitting your files before January 27th, you may send a disc or USB drive to Scovil Photography, P.O. Box 7773, Phoenix, Arizona, 85006.**
5. What is the criteria for judging: **Judgment on composition, photographic quality and overall aesthetics.**
6. Who does the judging: **Mr. Jeff Scovil**
7. When are the winners announced: **The photos/photographers are announced at the Saturday Night Event, which is held during the 2017 Tucson Gem and Mineral Show®. The winners' images will also be seen on the TGMS website, published in Rocks & Minerals magazine and a monetary award will be presented from the Tucson Gem and Mineral Society.**
8. **For further information, you can contact Jeff Scovil at: jeffscovil@earthlink.net.**

Dear TGMS Members,

The only madness we wish you in this New Year is the mineral kind!

Ring in Tucson's mineral season at our VIP Pre-Sale Event and find unique pieces for your collection, business, home or gifts!

Mineral Madness VIP Preview

Thursday January 12, 2017

5 – 7 pm

Baldwin Education Building

Arizona-Sonora Desert Museum

<https://www.desertmuseum.org/visit/mineralmad.php>



ROCK TALK

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

FROM:

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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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