

2018
March - April

2017 - 2018

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TUCSON GEM & MINERAL SOCIETY

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EXPLORE DISCOVER SHARE

President's Page

Hello all,

Well another Show is in the books and behind us, and I would personally like to thank all of our volunteers and coordinators. It is amazing how our Show is the best in the world and mimicked by all others; and yet it is organized by primarily volunteers. What a great feeling! Numerous times I had to explain that the Tucson Gem and Mineral Show® was at the Tucson Convention Center and everything else is just satellite shows clinging to our name.



I had the honor and pleasure of meeting and talking with our Mayor and Governor this year. They had expressed how impressed they were at what we do as a club. The Tucson Gem and Mineral Show® (and the satellite shows) bring in millions of dollars to the local economy. Our Show is organized and produced through a lot of hard work by our volunteers and others. A special thank you to Pat and Rose for all the hard work and long hours they put in behind the scenes to get all this done.

"Crystals and Crystal Forms" was a great theme. I saw the most beautiful minerals, gems, and jewelry being displayed and for sale. I browsed the floor numerous times and talked

with several dealers. Spirits were very high and money was flowing. There were some amazing pieces displayed like the 20-million-dollar Brazilian Tourmaline and the priceless Smithsonian "Post" Family Emerald Necklace. The special exhibit cases showed some amazing collections as well. I can't wait for next year to come as we celebrate our State mineral for our theme "Wulfenite is Loved."

Moving forward, we still have some great lectures coming in our monthly meetings. Then, as we move into the summer months, the potlucks. Please go to our website for upcoming events and field trips. There are a lot of fun and exciting things that will continue making 2018 a special and great year to belong to this club. I look forward to seeing all of you at the March General Meeting.

Mike Hollonbeck
President



TUCSON
GEM & MINERAL
SOCIETY

TGMS General Meeting — January 8, 2018

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

PROGRAM: Phil Richardson, who is the current Chairman of the Flagg Mineral Foundation, spoke on “Arthur L. Flagg and the Flagg Mineral Foundation.” Arthur Leonard Flagg was a geologist and mining engineer whose career in mining and mineralogy lasted more than 55 years, nearly all of which was spent in Arizona. He founded the Mineralogical Society of Arizona, the Rocky Mountain Federation of Mineralogical Societies and the American Federation of Mineralogical Societies and served as President of all of them. He was the first curator of the Arizona Mineral Museum. He also was an avid rockhound and his collection was eventually acquired by the Flagg Mineral Foundation, founded as a memorial to him.

ANNOUNCEMENT: Volunteers are needed for School Visits packing and delivering coloring books to schools, case assembly, set and strike, as well as dealer move in/move out especially in the loading dock area. Please see Pat McClain if you can help.

BREAK: Refreshments were provided by Alex and Laura Schauss including ham, cheese, rolls, salad and cookies.

OLD BUSINESS:

Approval of Minutes for November 6 and December 4, 2017 General Meetings as published in Rock Talk: **MOTION:** To approve. Seconded and approved.

Field Trips: Kerry Towe announced that very few made it to the Omega Mine in December. It was a hard hike, but there was good material. The trip to the Red Cloud Mine is postponed until March. Summer rains washed out the roads and flooded the mine, but it is back in operation. Tim McClain will lead the trip to Mission Mine on January 20. Attendees must wear a hard hat, sturdy shoes, safety glasses, long pants and long sleeves. February 24 will be a trip to Silver Bell Mine.

Educational Class: Wednesday, January 10 from 7:00 pm to 8:30 pm. Bill Shelton’s topic will be “Meteorites and Their Minerals.”

Micromount Meeting: Monday, January 15 at 7:00 pm.

Hospitality Volunteers: Needed for the May and September meetings.

NEW BUSINESS:

Next Meeting: January 29 instead of February 5 because of the Show.

Request from Arena Co-Chairs: If anyone has a recommendation for a new dealer, contact the office.

Arizona Geological Society: February 6 at the Sheraton on Grant Road will be a dinner and talk by Paul Hlava on “Causes of Color in Minerals and Gemstones.”

Mineral Madness at Arizona-Sonora Desert Museum: Advance screening Thursday, January 11, 5 pm – 7:30 pm with 10% off for TGMS members. It continues Saturday and Sunday for the public.

DRAWING FOR DOOR PRIZES: Alex and Laura Schauss, as meeting hosts, made the first choice. Drawing winners were Bob O’Donnell, Warren Lazar, John Ebner, Bob Royer, Ruby Munson, Marie Gutierrez, Bob Melzer, Lesley Crawford, Blaize Naasz, Alrene Hibben, Ed Madson, Mark Marikos, Herb Ross, Jesse Engle and George Test.

The meeting was adjourned at 8:40 p.m.

Respectfully submitted,

Marilyn Reynolds,
Recording Secretary

TGMS General Meeting — January 29, 2018

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

ANNOUNCEMENT: Ruby Munson announced that she won Gold and Silver in rifle and pistol competition in the Senior Olympics. In 1970 her exhibit won a national award in the Ft. Worth Gem and Mineral Show.

PROGRAM: Speaker Catherine (Catie) Carter, curator of the U of A's Mining, Mineral and Natural Resources Education Museum (MMNRE) spoke on "A Rebirth of the Former Arizona Mining and Mineral Museum," which was closed in 2011 to make way for the Centennial Museum which didn't happen. In 2016 the Arizona Senate passed SB 1530, which transferred the collection, the curator position and custodianship of the building to the Arizona Geological Survey which had been moved under the University of Arizona. In 2017 Senate Bill 1415 moved responsibility under the UA Research office and permanently transferred ownership of the building at 1502 W. Washington Street in Phoenix from the State to UA. As a natural resources museum, it will highlight forestry, agriculture, livestock and tourism as well as mining and minerals. Catie is currently the only staff, but she has been working with the group of volunteers from the old museum to restore and maintain the outdoor mining equipment. They have received a \$3.1 million loan for capital improvements. In the meantime, they hope to open the outdoor mining equipment for demonstrations to the public and school kids.

ANNOUNCEMENT: Pat McClain reported that Dan Caudle, the first Show Chair, died January 8. Also volunteer packets for Friday – Sunday (Feb 2-4) and out-of-town volunteers are ready tonight. The others will be ready Tuesday afternoon through the rest of the week.

BREAK: Special thanks to Kent and Linda Stauffer who stepped in to replace Jo Anne Sam who is ill. They provided deli roll ups, grapes, chips and cookies.

OLD BUSINESS:

Field Trips: Merritt Simmons reported that Kerry Towe will contact those who signed up for the February 24th Silver Bell Mine trip and will provide the details.

Hospitality: Volunteers are still needed for the September 2018 meeting. There is a sign-up sheet at the front of the room.

NEW BUSINESS:

Show Saturday Night Banquet: February 10th includes a silent auction, awards presentation, dinner and a live auction. Tickets are \$45.

February 6, U.S. Geological Dinner and Talk: Tickets are \$30. Paul Llava will be the speaker. More information on back table and bulletin board.

DRAWING FOR DOOR PRIZES: Kent and Linda Stauffer, as meeting hosts, had first pick. Drawing winners were Scott Majetich, Mattie Haydon, Kathryne Randall, Barbara Cook, Tom Burgess, Bob Royer, Donna Pugh, Annaliese Foley, Mike Carducci, Denis Menard, Bob Melzer and Marilyn Reynolds.

The meeting was adjourned at 8:05 p.m.

Respectfully submitted,

Marilyn Reynolds
Recording Secretary

TGMS Ephemeral Mineral Museum

By Peter Megaw



This year's "Crystals and Crystal Forms" focus really brought out the folks playing to the theme ... and of course the TGMS volunteers to make the exhibits an unqualified success! It's worth pointing out that ALL of our exhibits are volunteered and most of our exhibitors are regulars, so we must be doing something right to keep them coming back with great exhibits year after year. Part of what we do right is keeping the exhibitors and their precious exhibits secure, making sure that the exhibit cases are neatly lined to show the exhibits off to maximum effect ... and making sure the cases are put together, put up and taken down carefully so we can use *them* year after year. Each of these jobs is ably handled by teams of TGMS volunteers, led by coordinators who keep

their teams smiling and making our guests feel welcome. Nancy Howard did a great job shouldering nearly the full exhibits security load when John went down (literally) with a bad hip ... we were glad to see his cameo appearance for take-down though! Exhibits security is an especially important job because it requires a delicate

balance of firmness and friendliness to keep the right people in the right place and eliminate distractions that might result in something getting damaged. Nancy and John's team included a group of volunteers, all of whom kept folks focused ... and the riff-raff out! Elaine Hughes and Jeannette Barnes once again led the team that got the cases dressed and ready, all of whom did an amazing and careful job. Bob Barnes gets a special mention for trudging up and down the Ex-hall on one mission after another despite having a wounded schnozz! As Exhibits Chair I have to prostrate myself before this team every year in supplication for the last-minute changes that



need to be made ... that they somehow manage to get done in a twink. I can't thank them enough. The real muscle work is led by Robert Crowell and his team of roustabouts who assemble, organize, disassemble and repack over 150 exhibit cases. My back would never stand up to that kind of work! The entire Show owes these folks kudos for a job well done.

All in all, the exhibits set up seemed to go very smoothly and it is all because these three teams pulled together to make it happen. It is a cliché, but their best work goes unnoticed because the minerals our exhibitors bring ... in part because we make it easy for them to show off to maximum effect ... steal the show.

Speaking of stealing the Show ... it's hard to tell whether the Rock Acquisition Group's 3' Pink Tourmaline crystal or the Perot Museum's debut exhibit with the 14" Helix Aquamarine got more comments. The Smithsonian necklace, GIA's tourmaline slices, The Eye of the Tiger and (my personal favorite since it was from Mexico) the Coyamito Agate Pseudomorph were no slouches either ... that entire exhibit pod was a traffic jam the entire Show. And that was just one pod! The Spann's German classics coupled with Wendell Wilson's mining themed beer steins was one of the better taste pairings we've ever had, and the incredibly colorful array of Brazilian gem crystals behind it were also



TGMS Ephemeral Mineral Museum By Peter Megaw Continued



major crowd pleasers. And who knew Hawaii had such minerals? I can see those folks braving the volcanic vents to collect sulfur and Pele's tears! As always, the MAD, Minions and META group-shoot cases were special and it was a treat to help the Fallbrook Museum celebrate their 60th Anniversary.

This had to be our most educational Show ever ... I counted at least 14 cases dedicated to atomic or morphological crystallography ... including Lauren and Gawan's case. Nice to see that an upbringing in TGMS can bear such fruit...this is why we have all our Junior programs. Many museums played the educational card, many featuring twinning and unusual crystal growths ... I am still in awe of the American Museum's chrysoberyl twin and Siber and Siber's gwindels. Less overtly educational was the Hexagonal Pod where every case featured quartz, beryl and calcite assembled by aficionados of those species. Thirteen cases alone participated in the Great Quartz Face Off coordinated by long-time TGMS Show stalwarts (and the ultimate quartz freaks) Annie and Si Frazier. I was pleased to see more offerings from TGMS members ... but still would like to see an entire pod of society offerings! Special congratulations to Brad and Linda Ross for winning the TGMS Bill and Millie Schupp Trophy for best case by a TGMS member!

Once again the world famous **TGMS Ephemeral Mineral Museum** has come and gone for another year ... if you helped out, thanks a LOT, take a few days off and mark you calendar for next year. Sorry if you missed it, but it will be back next year in an entirely new avatar and we'll make it easy for you to sign up to volunteer to be part of making it the greatest Mineral Show on (and from) Earth ... it's what we do!!

With Deepest Appreciation to everyone who pitched in....

Peter Megaw,
Exhibits Chair



SHOW AUTOPSY!

By Dick Gottfried

The 64th Annual Tucson Gem and Mineral Show ® (Crystals & Crystal Forms), after a short, but glorious and exhilarating existence, passed away at 5:00 PM on Sunday, February 11, 2018. Cause of death was exhaustion, as it was the “grand finale” of all the gem and mineral and fossil and other shows scattered throughout the Tucson area.

Physical examination of the 2018 Show has shown it to be a strong, magnificent specimen for a 64-year veteran. It exhibited the most unusual crystals in its “exhibi-cells”, in addition to minerals, gems and jewelry in the usual locations. Fossils seemed to be somewhat deficient, but mineralization was more than adequate in its body. However, there was evidence of massive depletion at the end due to the action of invading organisms over the hectic four days of its life.

Platelets (“docen-T-cells”) were continually informing clots of the invading organisms of the fine points, anatomy, and function, of the protected cells (“exhibi-cells”). Patrolling blue cells (“coptocytes”) ensured that infections did not arise due to possible invasion of “perp-o-cytes.”

Over 2,000 young “micro-organisms” enjoyed their infestation on Friday, the second day of your existence. Their enthusiasm and noise were missed by many of the “deal-R-cells” when they had to return to their seminal vesicles (schools). The larvae in training (“UA-geo-2B” cells) were busy later, happily inseminating the geo facts-of-life into the neural organs of possible future “TGMS-ites” who wandered into their cul-de-sac. It was rumored that some mature colony-forming organisms managed to infiltrate without a genetically related bud.

The brain retained its usual control up until the end. The spinal nerves (“neuro-Pat” and “axon-Rose”) scattered healthy neurons (“chaircells”) and helpers (“volen-T-zymes”) into all organs of the body, ensuring that all ribosome clusters (“deal-R-cells”) functioned happily and efficiently, preventing onset of the dreaded “oldtimers” disease. Sadly, the Show died of natural causes. At the end, scavenger “volen-T cells” dismantled the body and then interred its component parts in awaiting crypts (semi-trailers).

Although the Show actually went into hibernation, its last request was to be revived when Wulfenite arrives to resurrect it from its deep sleep for the 65th Show. After all, “Wulfenite is Loved,” isn’t it?

Until then, old friend, rest in peace. You deserve it. You had a short but exciting life, and we are all proud of you. You brought happiness to thousands. Your poster, “Amethyst-on-Viagra” was greeted by snickering and hilarity! It certainly ticked my funny bone. You might say that it was in the jocular vein...[groan]

SERIOUSLY THOUGH...

Thank you, everyone who volunteered to make this Show a success. To all the Chairpersons and those who volunteered to help them, you did your usual fabulous jobs. You know that this is the best and biggest gem and mineral show in the world. We, that means you and me and everyone else, are THE reason that attracts the dealers from all over the world to Tucson! We are the PLACE TO BE IN FEBRUAR-EE! [‘nother groan]. It makes me feel proud of what all of you always accomplish, not just this year, but year after year after year after...

I want to give a special thank you to Pat and Rose for pulling all this chaos together. I am continually amazed about everything they do behind the scenes to ensure that the Show comes off without a hitch.

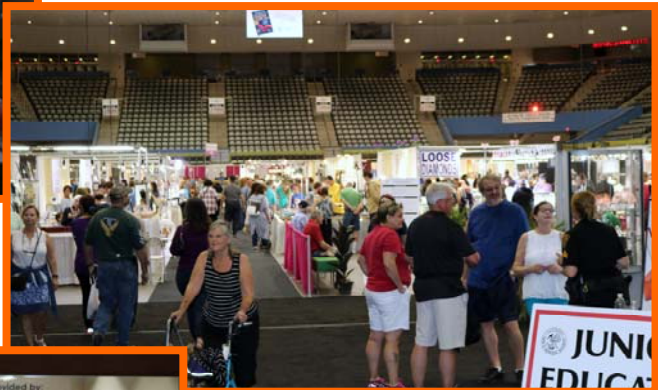
SHOW AUTOPSY! By Dick Gottfried Continued

Linda Oliver and her Arizona Cine Equipment team, are, and have always been, invaluable in setting up the Show and ensuring its efficient operation. You deserve our special thanks as well.

But, above all, you volunteers are the ones that make our Show a success. Many people are amazed that we are organized primarily by volunteers. Because of this, you deserve a standing ovation! As Co-Chairman, I just tried to stay out of your way so that you could do your jobs. You all knew what had to be done and the best way to do it.

Thank you, everyone!

Dick Gottfried
Show Committee Co-Chairman



2018 TGMS Show Competition

By Les Presmyk

The 2018 Tucson competition was a banner year. There were 17 exhibitors and 19 cases (there were two exhibitors who each entered two separate displays), along with the most Bideaux trophy entries and the six foot case full of the entries for Best of Theme.

The Mineralogical Society of Arizona and the Flagg Mineral Foundation have continued to encourage their junior age members to enter in the Tucson competition. In addition, a big thanks continues to go to Dr. Rob Lavinsky who for the past 10 years has awarded every junior age exhibitor with \$100 cash. The second highest score receives another \$200 and the highest scoring junior receives an additional \$400.

I would like to see additional TGMS members entering competitively. To that end, I will do a presentation or a workshop this fall showing the membership how to make liners and risers, how the judging works, and to answer any questions a potential exhibitor may have.

The awards were as follows:

Best Junior Case – Thumbnails, David Tibbitts, Phoenix, AZ (Second highest scoring junior age exhibitor)

Best Junior-Master Case – Thumbnails, Erika Brown, Maricopa, AZ (Highest scoring junior age exhibitor)

Best Novice Case – Thumbnails, Cody Schwenk, Vail, AZ

Best Advanced Case – Thumbnails, Chris Whitney-Smith, Phoenix, AZ

Best Master Case – Open Division, Marc and Janis Countiss, Sugar Land, TX

Desautels Trophy – Jeff Kremer, Dallas, TX

Lidstrom Trophy (Best single specimen in a competitive case) – Marc and Janis Countiss, Sugar Land, TX

Bideaux Trophy (Best Arizona Specimen) – Ed Huskinson, Kingman, AZ

Romero Trophy (Best Mexican Specimen) – Terry Huizing, Cincinnati, Ohio

Betty and Clayton Gilbson Trophy – Seaman Museum, Michigan Tech, Houghton, MI

Millie and Bill Schupp Trophy – Brad and Linda Ross, Tucson, AZ

Other awards were as follows:

Junior

2nd Place – Thumbnails, Wayne Busby, Phoenix, AZ

Junior-Master

1st Place – Educational, Kaleigh Brown, Tucson, AZ

Novice

1st Place – Single Species (Calcites), Dawn Boushelle, Phoenix, AZ

1st Place – Open Class, Mike Hollonbeck, Tucson, AZ

2nd Place – Thumbnails, Joey Philpott, Phoenix, AZ

3rd Place – Thumbnails, Maggie Lyons, Chandler, AZ

Advanced

1st Place – Fossils, Richard Gottfried, Tucson, AZ

1st Place – Self-collected, Joey Philpott, Phoenix, AZ

2nd Place – Self-collected, Cody Schwenk, Vail, AZ

Master

2nd Place – Educational, Jack & Kaye Thompson, Colorado Springs, CO

3rd Place – Educational, Robert, Morgan, Tucson, AZ

Best of Theme

Thumbnail – Alex Schauss, Oro Valley, AZ

Toenail – Chris Whitney-Smith, Phoenix, AZ

Miniature – Ron Pellar, Tucson, AZ

Small Cabinet – Jeff Kremer, Dallas, TX

Cabinet – Les Presmyk, Gilbert, AZ

Lapidary/Jewelry – Aleta Huskinson, Kingman, AZ

Self-collected – Barbara Muntyan, Tucson, AZ

MEANINGFUL MEMBERSHIP

Members of the Tucson Gem and Mineral Society, you did it again !!!! With the ever present coordination and support of the Administrative Staff, Pat and Rose, we have pulled off one of the most successfully "organized by an all volunteer" events in existence today. Whatever role you played in this effort, be proud to be a member of our Society and of your accomplishments.

Speaking of memberships, there are a couple of things that seem to be somewhat misunderstood:

1. Our Society is on a Fiscal Year, NOT the Calendar Year. Everyone's membership expires on June 30 and must be renewed on or before July 1 to continue to be eligible for the benefits offered by the Society.
2. If you purchase your membership on or after February 15th, it is for a half year and still expires on June 30. Must be renewed on or before July 1.
3. Our records are purged every September and, if you have not renewed, your name will be deleted from the database. If you rejoin, it will be as a New Member not as a Renewal. This allows only eligible members to receive Rock Talk and other announcements of club activities.
4. This brings me to another issue. Please include your e-mail address on your application so you will receive the above information in a timely manner. Unfortunately, the postal service is not very reliable and slow at best. If you do not want your information shared on our Membership Roster, include a note to that effect on your application. That request will be honored.

Hopefully, this will clear up a few misunderstandings about the Membership process and everything will run smoother in the future.

Moving into the future, we have a lot of plans for events in the community and at our clubhouse that will require our volunteers to step up and help out. We want our message to get to everyone that we are much more than a "four day show" in February; we are a constant in Tucson and we want to have a positive presence in our community. We are trying to introduce and provide education on the importance of minerals to children and adults and how they impact our daily lives. This is not only important for the continuation of our Society, but the influence that this information has on our community and beyond is essential to our world as we know it.

Diane Braswell,
Membership Secretary

IN MEMORIAM

TGMS Life Member, Dan Caudle, passed away on January 8, 2018.

Dan came to Tucson in 1942, where he met and married the love of his life, Betty, before going overseas during WWII. After the war he worked as an electrician in Tucson, where he met Clayton & Betty Gibson. Because of their shared interest in "rockhounding," they spent many weekends in and around the state "collecting."

In 1955 Dan became the FIRST Show Chairman of the Tucson Gem and Mineral Show®. He also served as President of the American Federation of Mineralogical Societies and Rocky Mountain Federation of Mineralogical Societies.

He and his wife ran a very successful business, Cibola Gem and Mineral.

We will all miss you Dan and "thank you" for allowing us all to be a part of something that you and others brought to the "world." We all promise to continue in the same tradition that was started 64 Shows ago, "to encourage interest and study in geology, mineralogy, lapidary, and allied earth sciences."

IN MEMORIAM

Jim Etzwiler passed away on February 19, 2018.

Jim was a long time member of the Tucson Gem and Mineral Society and Co-Chair of the Poster/Product Sales/ Info. Booth. It was always a delight to see him and his wife Rusty on the Tuesday or Wednesday before the Show opened. They always walked through the door and greeted us with "How can we help?"

For his gentle nature and easy manner and for all of us who had the good fortune to have known him and got to work with him, he will be missed.

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

The Tucson Gem and Mineral Show ®:

The second full weekend in February, starting with Thursday.

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

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