

ROCK TALK

Volume 13, Issue 3
Jan. - Feb.

2018 - 2019 Officers & Directors

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**EXPLORE
DISCOVER
SHARE**

TUCSON GEM & MINERAL SOCIETY

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PRESIDENT'S PAGE

EXPLORE DISCOVER SHARE



Hello All,

I hope everyone has had a great Christmas and New Year's, I am looking forward to seeing all of you at the General Meeting in January. We have lots of great events and field trips coming so keep your eye on the schedule.

December has been busy around the club, if you missed it we had our annual Holiday sale. This was another successful club event with a great turnout, thank you to Vera Schlichter and Pat McClain for organizing everything.

Then we changed up the annual Christmas Dinner and had Italian food brought in. The food was great and it was a wonderful time of fellowship. I personally enjoy this time with all of you. Again, I would like to thank everyone for making this happen.

The Board approved the budget to fix and repair the parking lot. After Christmas, progress was started. This improvement should make parking easier for all.

Next we are in full swing for our Show. I hope you all have found a place to volunteer for this. I have mentioned over and over again volunteers are what makes this such a great club to belong to. This year's theme of "Wulfenite is Loved" should bring in some great displays with beautiful minerals and gems.

Mark your calendars for February 14th opening day to see all of the wonderful dealers and exhibits. Remember that the Tucson Gem and Mineral Show® is the biggest and best in the world and it's ours, so please help continue this great event. Watch out for emails and announcements for volunteer packets and such.

Visit the website (www.tgms.org) for new updates and upcoming events. Also, there are some great field trips coming so keep your eye on the schedule to get out with your fellow club members.

I am looking forward and am excited for things to come in 2019. Hope to see everyone soon.

Michael Hollonbeck
President

A handwritten signature in black ink, appearing to be "MH", enclosed in a simple circular scribble.



TGMS General Meeting - November 5 , 2018

The General Meeting of the Tucson Gem and Mineral Society was called to order by President Michael Hollonbeck at 7:02 p.m. Visitors and new members were recognized and welcomed to the meeting.

ANNOUNCEMENTS:

The Club has books for sale, "The 100 – A Practical Guide to Mineral Collecting in Today's World" by Bill Shelton for \$15.00 each. The proceeds benefit our library fund.

Members were reminded to park in the Club parking lot or in the street, not in the neighbor's residential parking lot.

Members were notified to RSVP for the Christmas party by December 5th.

PROGRAM: Francis Michael Conway has a background in physical volcanology and is currently a senior research scientist with the Arizona Geological Survey. Mr. Conway presented "*Northern Arizona's Breccia Pipe Province – Origin and Mineralization*". He explained that the mineralized breccia pipes of northern Arizona's pipe province host high grade uranium deposits. The number and distribution of mineralized pipes remains uncertain. Mr. Conway reviewed the geologic processes responsible for forming and mineralizing breccia pipes and noted the status of exploration and exploitation of uranium deposits. He shared that all information from the Survey is available on line at azgs.Arizona.edu.

Break: A special "Thank You" to Mike and Barbara Cook for providing the refreshments. Volunteer hosts are needed for February through September of 2019. Contact the office staff for details, including the allowance for providing refreshments.

OLD BUSINESS:

Approve the September 10th and October 1st General Meeting minutes as published in Rock Talk. **MOTION:** to approve the minutes. Seconded and approved.

Field Trips: Kerry Towe announced a field trip for Friday, November 9th at the Chupadera Copper Mine, in conjunction with the New Mexico Mineral Symposium. You must be a member of a participating New Mexico mineral club to join this field trip. He is working on field trips in December to the Tiger Mine and San Manuel Mine. More field trips are being organized for early next year. Let Kerry know if you want to go to the Red Cloud Mine, he will contact the owner to organize a private collecting trip.

Micromount Meeting: November 12 at the Club building.

Educational Classes: On November 13, Daniel Kirpes will present "Corundum and Beryl" from 7:00-8:30 p.m. On November 14, Bill Shelton will present "Trace Mineralogy" from 7:00-8:30 p.m.

Science City: Will be held March 2nd and 3rd at the University of Arizona campus. Volunteers can sign up now.

Kumihimo Braiding Class: Sharlene Baker and Barb Elliott will lead a class to make Christmas ornaments. Contact office staff for details.

Family Fun Day: The event was extremely successful, over 250 people attended the event. The Club received donations and made sales. Volunteers who deserve a very big "Thank you" include Pat McClain, Tim McClain, Ron Gibbs, Mark Ascher, Brad Gibbs, Victoria Fila, Rose Marques, Kerry Towe, Mike Hollonbeck, Diane Braswell, Mary Kirpes, Kent Stauffer, Linda Stauffer, Daniel Kirpes, Christine Marikos, Mark Marikos, Ortrud Schuh, Louis Pill, Bob Melzer, Bill Shelton, Myles Isbell, Jennifer Isbell, Dick Gottfried, Linda Oliver, Bre Oliver, Trey Oliver, Kyleigh Oliver, Cailen Oliver, Molly Radwany, Beverly Lynch, Susanne Collier, Marilyn Reynolds, Bruce Kaufman, Warren Lazar and Cathie Logan.

Parking Lot: The Board is investigating improving the parking lot.

Building Improvements: Tim McClain has donated his time to improve the building interior.

TGMS General Meeting - November 5, 2018

Library Improvements: Janette Simister and Kathy Heitzmann have been updating and organizing the library so that members can check out books.

Craft Fair: On December 1st a craft fair will be held at the Club house from 9:00 am to 4:00 p.m. Contact office staff for additional information.

NEW BUSINESS:

Christmas Party: Will be held December 12th at the Club house. Door opens at 5:30 p.m. with dinner served at 6:30 p.m. Piazza Gavi will cater an Italian buffet. Members will pay \$10.00 per person and guests will pay \$15.00 per person. Reservations must be made in advance.

Website update: The website now has new videos and vignettes showcasing the Club. Memberships can be completed and paid for online. Members can now volunteer for the Tucson Gem and Mineral Show® online. Volunteers are encouraged to sign up early so staff can better prepare for the Show.

DRAWING FOR DOOR PRIZES: Mike and Barbara Cook, as meeting hosts, made the first selection. Winners were Jean Ritter, Alrene Hibben, Herb Ross, Jerry Foley, Marilyn Reynolds, Anita Nisonger, Kerry Towe, Kent Stauffer, Bob Royer, Donna Test, Linda Ross, Zoe Zeszut, Ruth Edmark and Paula Sherrick

The meeting was adjourned at 8:56 p.m.

Respectfully Submitted,

Linda Ross,
Recording Secretary



TUCSON
GEM & MINERAL
SOCIETY

CELEBRATE ARIZONA'S STATE MINERAL – WULFENITE!

Answers to the “quiz” that was in the Nov./Dec. Rock Talk

- | | |
|--------------------------|-------------------------|
| 1. Calcite | 23. Malachite |
| 2. Earth | 24. Iron |
| 3. Opal | 25. Nickel |
| 4. Enter | 26. Exit |
| 5. Brass | 27. Luster |
| 6. Cinnabar | 28. Adit |
| 7. Georgia | 29. Hexagonal |
| 8. Peridot | |
| 9. Elements | 30. Wesley |
| | 31. Uranium |
| 10. Azurite | 32. Linarite |
| 11. Rhodochrosite | 33. F |
| 12. Ite | 34. Brocahntite |
| 13. Zeolites | 35. Twin |
| 14. Photo | 36. Ingenous |
| 15. Nobel | 37. Tombstone |
| 16. Amphiboles | 38. Fluorescence |
| 17. Star Trek | |
| 18. Symbols | |
| 19. Turquoise | |
| 20. Apatite | |
| 21. Garnet | |
| 22. Enargite | |



TUCSON
GEM & MINERAL
SOCIETY

Celebrate Arizona's State Mineral Wulfenite

TGMS General Meeting - December 3, 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.

ANNOUNCEMENTS: The TGMS library fund continues to benefit from sales of Bill Shelton's book: "The 100 – A Practical Guide to Mineral Collecting in Today's World" for \$15.00 each.

The Club Christmas Party will be held Wednesday, December 12 at 5:30 p.m. with dinner served at 6:30 p.m. The sign-up sheet is by the door. Member cost is \$10.00 pp and guest cost is \$15.00 pp.

Herb Ross called for volunteers to man the Galleria Sales booth to sell merchandise at the TGMS Show in February.

PROGRAM: Mark Hay presented "Minerals of the San Manuel Mine, Pinal Co., Arizona". The San Manuel Mine developed into the largest underground mine in North America shortly after the first shaft was completed in 1953. In its 44-year history it produced over 4.6 million tons of copper and 73 tons of molybdenum, provided high paying jobs to 3,400 people and had a major economic impact in southern Arizona. Hay presented photographs of spectacular specimens collected from the mine.

Mark has a small mineral business, Minerals of Arizona, with long-time partner Dick Morris and participates in the TGMS show as a dealer. The 2019 TGMS Show poster will feature his red dot center Wulfenite that was photographed by Jeff Scovil.

BREAK: Thanks to Kerry Towe for providing refreshments. **We need volunteers for April, May and September of 2019. The sign-up sheet is by the door. Pat and Rose will work with you on all the details; you will be given a budget to work with.**

OLD BUSINESS:

Field trips: Kerry Towe has planned field trips in December and January.

Educational Class: A Kumihimo Class will be offered at 1:00 p.m. on December 5th.

Micromount meeting: Scheduled for Monday, December 10th at 7:00.

Website Update: Pat reminded members to sign up to volunteer online for the TGMS Show in February. Membership applications have increased since the online application became available.

Community Outreach: Science City is March 2nd and 3rd at the U of A Book fair. Volunteers are needed.

Mineral, Fossil, Jewelry, Art & Craft Sale: The sale was well attended. Members reported that this was an opportunity to buy and sell minerals as well as learn about the hobby.

NEW BUSINESS:

No new business was brought forward.

DRAWING FOR DOOR PRIZES: Kerry Towe, as meeting host, made the first selection. Winners were Christina Marikos, Art Friedman, Zoey Zeszut, Maryann Penkova, Stew Towe, George Test, Marie Guitierrez, Warren Lazar, Bob Royer, Doris Simmons, Louis Pill, Mark Marikos and Elaine Royer.

The meeting was adjourned at 8:47 p.m.

Respectfully submitted,

Linda Ross
Recording Secretary



**TUCSON
GEM & MINERAL
SOCIETY**

WHO WAS FRANZ XAVIER FREIHERR von WULFEN? Anna M. Domitrovic



Franz Xavier Freiherr von Wulfen was born to an Austrian lieutenant field marshal, Christian Freidrich, and a Hungarian countess in Belgrade on November 5, 1728. He was a "jack-of-all-trades", which included alpinist, botanist, mineralogist and zoologist. But before any of those titles could be ascribed to him, he was a Jesuit priest, joining the Order in 1745. While a student and mathematics and physics teacher, he studied and taught throughout Austria and Hungary. He spent the majority of his life in Klagenfurt, Austria, until his death on March 17, 1805.



Von Wulfen's primary interest was in botany. In fact, after 50 years of research and study, he was considered to be one of the leading botanists of the late 1700's. His chief area of study was the upland and valley flora of the Eastern Alps, but he travelled and studied as far north as Holland

and south to the Adriatic Sea. In the course of his field studies, he discovered many new plant species. *Wulfenii*, a sub-species, was given to many plants in his honor, and the genus *Wulfenia* was named after him in 1781.



Von Wulfen did not limit his studies and collections to plants. When one considers his extensive travels, how could he not study and collect rocks and minerals! He authored a monograph on the lead ores of Bleiberg, Austria, which included his namesake. Originally, the mineral was called "plumbum spatiosum flavor-rubrum". We can all thank Wilhelm Karl von Haidinger for renaming it wulfenite in 1845.



Franz Xavier Freiherr von Wulfen was 76 years old when he died in Klagenfurt on March 17, 1805. He dedicated his life to studying and collecting the natural history of the Austrian Alpine region. It was only fitting that a monument in his honor was erected in Klagenfurt. The inscription describes him as "equally great as priest, scholar and man".



Mineral, Fossil, Jewelry, Art & Craft Sale



The 15th Annual Mineral, Fossil, Jewelry, Art & Craft Sale was held on December 1, 2018.

We had more TGMS members participate than we have had in the past, which was great to see!

Lots of material to look at (and buy); lots of people to talk to and socialize with each.

We all had a good day!

Next year's date will be December 7, 2019!!!



2018 Tucson Gem and Mineral Society Christmas Party!!!



The Society's Christmas Party was held on December 12, 2018.

Thanks to Kent & Linda Stauffer, Rose Marques, Marilyn Reynolds, Linda & Brad Ross, Jeannette Barnes, Victoria Fila and Tim & Pat McClain. We had a GREAT Italian meal, a great dessert, music, raffle prizes and we even all joined in on singing a few Christmas Carols.

As you can see by the photographs, a good time was had by all!



2018 Tucson Gem and Mineral Society Christmas Party!!!



If you missed the party this year ... hopefully you can join us in 2019!!!



Scan code for
information on our
Tucson Gem and
Mineral Show®

WULFENITE IS LOVED



VOLUNTEER - *A person who freely offers to take part in an enterprise or undertake a task*

To all of you who have volunteered to work at the 2019 Tucson Gem and Mineral Show® ... we THANK YOU!!!

Our new "online" form has worked very well and has made it easier for everyone to sign up. Our deadline to sign up was December 21, 2018. Lists of volunteers have been given to individual Show Committee Chairs to confirm or not confirm to work in different areas of the Show. At the appropriate time, those who have been confirmed to work, will be notified when your "volunteer packets" is ready. No need to call to find out when ... when everything is ready you will be notified.

Tickets go on sale Thursday, January 16, 2019 at all TCC Ticket outlets.

Admission is \$13.00 (\$12.00 plus \$1.00 facility tax) per adult.

Children 14 and under free with a paying adult

Friday, February 15, 2019 is Military (active & retired) and Senior Citizens Day (62 and older), receive \$2.00 off the regularly priced ticket (cannot be used with any other discount).

2-day tickets will be available for a cost of \$22.00 (cannot be used with any other discount).

TUCSON GEM AND MINERAL SHOW®
Tucson Convention Center
February 14 - 17, 2019



WULFENITE IS LOVED

CHILDREN 14 AND UNDER FREE WITH A PAYING ADULT

This coupon cannot be used with any other discount

\$200
OFF

ONE ADULT
GENERAL
ADMISSION



Clip this for a \$2.00 OFF coupon on one adult General Admission ticket!

(Cannot be used with any other discount.)

FROM:

**T.G.M.S.
3727 E. BLACKLIDGE DRIVE
TUCSON, ARIZONA 85716**



TO:

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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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