

# ROCK TALK

March - April 2012  
Volume 6, Issue 4

Tucson Gem and Mineral Society, Inc.  
PO Box, 42588, Tucson, Arizona 85733  
Ph: 520-322-5773  
Fax: 520-322-6031  
E-mail: [tgms@tgms.org](mailto:tgms@tgms.org)  
Website: [www.tgms.org](http://www.tgms.org)

## President's Page

Our Arizona Centennial Show is now a part of our history and it was spectacular. Thanks to the coordination of Dr. Peter Megaw, with assistance of Mr. Paul Harter and the Show Committee, we had a once-in-a-lifetime opportunity to see the very best of the best "Minerals of Arizona." I hope you all got a chance to see the cases of priceless minerals that this State has produced and preserved, in both public museums and private collections, it is unlikely that it will ever happen again. Our appreciation goes out to our members/volunteers that make all this possible. We had record sales and high numbers in attendance so our Show was an amazing success in all areas. Now we start preparing for the 2013 Show, Fluorite: "Colors of the Rainbow."

With Spring fast approaching, we still have a lot left to do before we do our "summer hibernation." We have the election coming up in May and it will be time to elect new officers. I will be selecting a nominating committee very soon. Qualifications, well, I would say, honesty, objectivity and presence. It does take time and, yeah, you might miss a few TV programs but a job well done is worth it. So, please, give it some thought, submit the names to the office for consideration and a ballot will be offered in May. Just a word of thanks to the present Board of Directors for helping me accomplish a few much needed projects this year. I appreciated their cooperation and advice when I needed it most.

I want to remind everyone of the Science Fair that takes place the third week of March. It is open to the public and we support it with recognition to selected Earth Sciences/Geology projects created by the young people in our local schools. It is amazing, as well as encouraging and enlightening, to see what these kids come up with as individual concepts. Kinda' renews the faith in our upcoming generation. They do not get a lot of positive publicity so this is very refreshing.

Keep an eye open for new Field Trips coming up. Kerry Towe, Field Trip Chairman has been very busy, at work, trying to schedule some new and different trips as well as the old standbys that we all know and love. He has been willing and able to make new contacts and I think you will all be pleased with what he is working on for the future. Also, if you know of a interesting locality or would be interested in leading a trip, please contact Kerry and let him know. All suggestions and assistance are appreciated.



President's Page ... CONTINUED

One last plea from Junior Education, please start saving and bringing in your egg cartons. We have run out for the last two years and need lots and lots of cartons. Really appreciate you help in this area and if anyone knows of another source for egg cartons, I would sure appreciate knowing about it.

It is with regret, we accept the resignation of our Office Assistant Carolyn Gray. She has been with us now for seven years and we really appreciate the time and dedication she has given our Society. We wish her the best and hope she will remain an active member of TGMS.

About all for now, folks. The weather has been perfect, get out and enjoy. Hoping for a wonderful wildflower show this year. Take care, be safe and will see you at the meeting in March.

## Tucson Gem and Mineral Society, Inc. Officers & Directors

President: Diane Braswell, ph. 520.574.1942  
Vice President: Mark Ascher, ph. 520.886.0397  
Recording Secty.: Marilyn Reynolds, ph. 520.296.0688  
Treasurer: Ellen Alexander, ph. 520.743.9383  
Membership Secty.: Alrene Hibben, ph. 520.529.6502  
Director: Bill Hodgson, ph. 520.575.0731  
Director: Peter Megaw, ph. 520.529.2231  
Director: Anna Domitrovic, ph. 520.578.1173  
Past President: Gene Schlepp, ph. 520.325.4534  
Librarians: Robert & Elaine Royer

*Encouraging interest and  
study in geology, mineralogy,  
lapidary and allied earth  
sciences.*



ROCK TALK is the official publication and is © 2012 by the Tucson Gem and Mineral Society, Inc. to reproduce material contained herein for non-profit use only. All commercial and other use requires written permission from the Tucson Gem and Mineral Society, Inc.

## TGMS General Meeting January 9, 2012

The General Meeting of the Tucson Gem and Mineral Society was called to order by President Diane Braswell at 7:35 p.m. New members and guests were recognized and welcomed to the meeting.

**ANNOUNCEMENTS:** There is a box in the back room with greeting cards to be given away to anyone who would like them.

Kim Filips has construction items for sale. See her if you are interested.

**PROGRAM:** Anna Domitrovic challenged members with a mineral quiz using photographs from the mineral collection at the Arizona-Sonora Desert Museum. The first letters of each correct answer spelled the message "Celebrate Arizona's Centennial and volunteer February 9 to 12, 2012." Anna was employed at the museum from 1977 to 2005. Upon retirement she was appointed Science Curator *Emerita*, the first *emeritus* appointment for the Desert Museum.

**BREAK:** Many thanks to Pat McClain and Rose Marques who provided an assortment of cakes for the break refreshments.

**APPROVAL OF MINUTES: MOTION:** To approve the November 7, 2011 and December 5, 2011 General Meeting Minutes as published in Rock Talk. Seconded and approved.

### OLD BUSINESS:

- Bill Shelton's educational class on "Gems of the World" will be Tuesday, January 10<sup>th</sup> from 7:00 to 8:30 p.m.
- Gloria Quigg, Show Publicity Chair, needs volunteers to ask attendees to answer surveys. There is a sign-up sheet in the back room.
- The TGMS calendar is here to look at, but is not finished yet. It will be available for sale in the office next week and at the Show. Thanks go to the U of A Science Department and Freeport-McMoRan for support TGMS received for this project.
- Field Trips: Kerry Towe, Field Trip Coordinator, announced he is attempting to develop a data base on sites so there will be information available for each site.
  - Silver Bell Mine trip for Saturday, January 14<sup>th</sup> is full.
  - Rosemont tour will be February 16<sup>th</sup> or 25<sup>th</sup> and we will be able to collect on the site.
  - No trip yet for March.

General Meeting, 1.9.12 ... CONTINUED

- April will hopefully be a weekend trip to a turquoise mine in Nevada. Kerry is working with Tony Otteson, from Silver State Turquoise which owns several mines, one of the best is north of Tonopah, Nevada. The collecting fee is \$50.00.
- Ray Mine and Mission Mine trips will be coming up.

### NEW BUSINESS:

- The new fence has been put up for the protection of the facility and personnel leaving at night. There have been repeated problems with vandalism and dumping on grounds.
- TGMS Scholarship: Please turn names into the office of worthy students in the earth sciences or related fields so one or two recipients may be selected for a scholarship.
- Mark Marikos noted that most Show attendees last year did not know the Show was put on by a club they could join. He suggested putting out cards or flyers.
- Mark Candee, Curatorial Museum Specialist at the UA Mineral Museum, announced that the last weekend for the exhibit "Minerals of the Hindu Kush" will be January 14<sup>th</sup> and 15<sup>th</sup>. The new exhibit "100 Years of Arizona's Best: The Minerals That Made the State" featuring gems and minerals from Arizona will open February 3<sup>rd</sup> at a private reception. In addition to the special exhibit, the museum also has minerals on display downstairs and is curating some minerals from the Arizona Mining and Mineral Museum which was closed. Hours are Monday – Thursday 10:00 a.m. – 3:00 p.m., Friday and Saturday 10:00 a.m. – 9:00 p.m. and Sunday 1:00-4:00 p.m. Phone numbers are 621-4227 for the UA Mineral Museum and 621-STAR for Flandrau.
- Harrison Yocum's collections of books and minerals: There is no word yet on what the Tucson Botanical Gardens is going to do with the collections.

**DRAWING FOR DOOR PRIZES:** Winners were John Ebner, Don Feyrer, Jo Anne Sam, Larry Maney, Susan Allen and Mark Marikos. Mark generously gave his specimen to the youngest member, Max Walsh, a student at Sonoran Science Academy.

The meeting was adjourned at 9:00 p.m.

Respectfully submitted,  
Marilyn Reynolds, Recording Secretary

## TGMS General Meeting February 6, 2012

The General Meeting of the Tucson Gem and Mineral Society was called to order by President Diane Braswell at 7:30 p.m. New members and guests were recognized and welcomed to the meeting. Guests were present from France, Denmark, Sweden, Belgium and many places in the United States.

**ANNOUNCEMENTS:** Emma Love, a long time Show dealer, passed away recently.

Mark Candee, Curatorial Museum Specialist at the UA Mineral Museum, announced that the new exhibit "100 Years of Arizona's Best: The Minerals That Made the State" is now open. He thanked all the people who loaned minerals for display and those who volunteered their time to help with the exhibit.

**PROGRAM:** "Collecting in the Lavender Pit Mine at Bisbee, Arizona" by Richard Graeme, CEO of Lumina Copper Co. in Peru. Dick is a Bisbee native whose pioneer family has been in Bisbee since 1883. He started collecting Bisbee minerals at the age of six and is still collecting. He was responsible for the collection of a number of fine mineral specimens recovered from the Lavender Pit for sale, primarily to employees at very reasonable prices in the Phelps-Dodge company store. The mineral graemite is named for him. Dick spoke of the history of Lavender Pit, including mines that became part of the large open pit mine, and displayed historical photographs of the mines and miners. Minerals found included turquoise, azurite, malachite, needle hematite, yellow smithsonite, chalcoalumite and cuprite, as well as many others. The Lavender Pit closed in 1974, but there is still a lot of copper in Bisbee.

**BREAK:** Many thanks to Jeanette and Bob Barnes, Diane Braswell, John Callahan and Kim Filips who provided a delicious variety of refreshments.

### OLD BUSINESS:

- Field trips: Kerry Towe reported that the trip to Rosemont Copper will be March 5<sup>th</sup> and there is a 30 per son limit. He hopes to arrange for surface collecting for a couple of hours in addition to the tour. The Field Trip Committee will be doing some exploratory trips to potential sites. If anyone has information regarding a site, please give it to Kerry.
- The TGMS calendars are for sale: \$15 for one or \$25 for two.

### NEW BUSINESS:

- Scholarship to be given in June: If anyone is aware of a deserving student in an earth

General Meeting, 2.6.12 ... CONTINUED

sciences field, please turn in names as soon as possible to the office or Diane Braswell.

- Thanks to the volunteers who worked so hard to put on the Show.

**DRAWING FOR DOOR PRIZES:** Winners were Doris Wright, Rusty Etwiler, Lisa Walsh, Barb Mostoff, Dan Schroeder and John Gaston.

The meeting was adjourned at 9:05 p.m.

Respectfully submitted,  
Marilyn Reynolds, Recording Secretary

## TITLE CHANGE

### GENERAL MEETING

**DATE: Monday, March 5, 2012**

**TIME: 7:30 p.m.**

**PLACE: 3727 E. Blacklidge**

**TOPIC: "Through the Center of Australia – Azurite to Zircon with Opals on the Way"**

**LECTURER: Ray Grant**

## Our Sincere Sympathy

Our sincere condolences go out to Dick Gottfried, Society member and Show Committee member (School Visits Chair and Galleria Dealer Chair). We have learned that his wife Joanne just passed away after a long battle with cancer.

On behalf of the Society and Show Committee, we would like to extend our sympathy to Dick and his family.

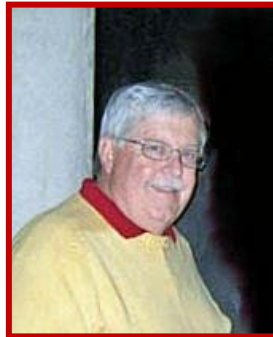
If you would like to send Dick a card, his address is: 825 South Loyola, Tucson, AZ 85710

2012

Tucson Gem and Mineral Show™

2012 Tucson Gem and Mineral Show™ ... CONTINUED

February 9-12 was the perfect culmination of effort by everyone involved in the Show. The indications for a great weekend first surfaced on Wednesday morning when Linda Oliver told me at about 7:30 a.m. that she was ready to go and that dealers could start their set-up. After a few minor items, security was in place and the floor was opened to dealers at about 8:00. An early start to the day is one of the dealer's most significant requests. Some of the early "regulars" were still having coffee and bagels when Keith Williams rolled into the unloading area.



afternoon. By all accounts dealers experienced good sales throughout the weekend. Special exhibits were fantastic, lectures were SRO, special meetings were well attended and Junior Education was a smash hit.

There are several things which I remember. It is my sincere hope that each of you also has special memories from the Show. First, I remember the commitment that everyone made to ensure a fantastic Show. Without the commitment to excellence, success would not have been possible. Thank you. Second, for me the exhibits were memorable. I grew up in Arizona visiting the great copper mines in the mid 1950's with my grandfather and his brother-in-law, both of whom were mining engineers and graduates of the University of Utah. To have seen so many great minerals from Bisbee, Ajo, Ray, Globe/Miami and Morenci was special. Thirdly, I remember the smiles on people's faces and happiness in their voices when talking about the Show. Everyone was having a good time. Speaking of happiness and a goodtime, did you like the Mariachi's Tesoro de Tucson on Saturday evening as folks left TCC and wandered into the banquet? Those kids were good. I hope they will be back another year.



The first part of the set-up was unremarkable, but things started to change about mid-afternoon. The special exhibitors descended on the floor. Not only were the regular museums present but the folks with the

Arizona Mineral Treasures Exhibit commandeered nearly 50 exhibit cases. The first big thanks goes to Wayne Klement and his crew for case linings. Without their effort the cases would not have looked as good as they did. Most of the exhibits cases were finished by 8:00, but a few stragglers hung on to about 10:00. Pat McClain gets the next big thanks for staying late while set-up was completed.



It was my privilege and pleasure to serve as your Show Chair. Getting to work with the Show Committee, Pat, Rose, Carlyne and all of the volunteers has been both rewarding and a real eye opener in

terms of just what it takes to have four days of heaven on earth. This was a Show for the ages, but wait, there is more to come; Fluorite: "Colors of the Rainbow," followed by Diamonds, a girl's best friend. Before you know it, we will be doing this all over again.

Paul Harter  
2012 Show Chairman

Opening day started quite early as Gloria Quigg had arranged for live television. She and her group were tremendous with media coverage, not only during the Show, but also in the weeks leading up to opening day. The last of the special exhibits were finished by about 9:00. Both Governor Brewer and Mayor Rothschild joined us for opening ceremonies and a tour of selected exhibits and the doors were opened.



The weather could not have been better for all four days. Attendance was significantly up over 2011, with paid attendance just under 19,000. School children had a great time on Friday morning, the aisles were packed all day Saturday and the floor was crowded on Sunday



## Docents Expand In Their Second Show

No, we didn't get fatter. How could you get fatter with all that walking and all those stairs! There were simply more of us this year. And what a great show.

This year we had some advantages. First, we were fortunate to have obtained the information from the placards in the Arizona Mineral Treasures exhibits. This was a big help. And this year, some of the exhibitors from the other cases were all ready for us when they got our e-mail requesting info on what they were going to put in their exhibit. There is a small group of our usual exhibitors who are cheering us on in our efforts to educate the public in what they're seeing at our show and we're looking for this group to grow.

The night before the show we met for a training session which had three purposes: 1. To remind each other of what the Society is and what it does for the community, as well as the history of the show and its impact on the community; 2. To talk about what you do and do not say; and 3. To locate things on the show floor and take a brief tour of the exhibits. It was a great session.

This year we also had the word INFO put in big white letters on the back of our vests. That was amazingly helpful. We repeatedly had people come up to us and say, "Info. You can help us." And help them we did. At least three of us had the wonderful experience of having the person we had just helped say "You've made this show even better for us." First time I heard that it blew me away. But that's exactly what we were there for and it was neat that they recognized it. The more people enjoy themselves, the more they learn and the more likely they are to come back the next year.

Docents are extensions of the Info Booth scattered throughout the show floor, sometimes answering questions, sometimes directing people to the Info Booth which had more detailed info than we carried with us, sometimes taking people where they needed to go - always helpful.



Popular questions?  
 "Where's that green stone the Smithsonian brought?" "Where's the thing for the kids?"  
 "Where's Cochise's rifle?" "I hear my home town museum has an exhibit here, where is it?"  
 "Where are the Arizona exhibits?" "Where's the mineral on the show poster?"  
 And yes, we did occasionally point out where the rest rooms were but, strangely enough, I had two days when no one asked that question.

## Docents Expand In Their Second Show... CONTINUED

It was a very successful year. We had an absolutely terrific group of docents. Thanks go to them for their indefatigable willingness to stand on the concrete floor and answer questions hour after hour with an incredible amount of enthusiasm infected our visitors! Looking forward to working with all of you next year!

Betsy Eigenberg, Jerry & Mary Glazman, Lauren Megaw, Marilyn Reynolds, Mark Marikos, Richard Flagg, Richard Nassi and Sarah Lundberg.

Ellen Alexander  
 Docent Program Chair



## 2012 Dealer Move-In and Move-Out

I would like to acknowledge the continued support of Mark Ascher, Phyllis Candee, Denise Collins, Fred Pfarrius and George Lueras in performing above and beyond the call of duty in parking at the Show.

This group provides dealer Move-In and Move-Out parking for both the Arena and the jewelry side of the Exhibition Hall in, addition to handling the many armored vehicles servicing the Show. George, working alone, is assisted by the TPD at Move-Out."

Thank you all!  
 John Cesar, General Retail Chairman - Arena

## "Minerals of Arizona"

Our Arizona Statehood Centennial Show certainly has to rate as one of the best ... if not THE best Show we've ever had. The buzz about the Arizona Mineral Treasures and related exhibits was terrific and virtually non-stop. Folks hustled excitedly from the knockout Bisbee pod to the Arizona Historical Society's Geronimo-Earp case, to the Hooker emerald and incredible Tanzanite muttering "never seen anything like it." And many dealers told me they had one of their best shows ever ... a heartening take on the overall economy I hope, given that the same sentiment was echoed across town in the satellite Gem Mineral and Fossil Showcase. All in all a huge success for TGMS and Tucson as a whole. (The economic facts were certainly not lost on our distinguished political guests...Tucson's Mayor Rothschild and Arizona Governor Brewer...and the Mayor got the educational point very well).



the copper species weren't far behind.

Next year we feature fluorite, a major shift in emphasis but one that should also have great WOW potential

Thanks to everyone who worked on exhibits and the show as a whole. TGMS is known for our friendly, helpful members and it means a lot to all our exhibitors, guests, dealers and public when things get a little heated during the action, and the response is a smile and "we'll take care of it."

Peter Megaw  
Special & Guest Exhibits Chair



As Exhibits Chair I want to thank all the folks who wrangled our aging exhibit cases into service one more time led by Case King, Richard Flagg and Crown Prince Dave Arens to get us our full complement up and running with only a

couple extras to spare! Wayne Klement led the case lining crew ably assisted by Robert Crowell, Elaine Hughes, Bob and Jeannette Barnes, and George Salwaechter, and a host of others to once again provide an "invisible" backdrop for our guests wonderful minerals. I know of no other endeavor where success is measured by folks taking no notice of your work ... if its done right all they see is the amazing minerals! Nancy and John Howard led exhibits logistics and exhibitor traffic control seamlessly with Erick Weiland, Steve Slaff, JoAnne Sam and Don Freyer among others working the beat.

This year it's harder to thank the exhibitors since so many cases were "group-shoot" cases with 5 to 20 individual participants. The AZMT Case Managers did a great job of collecting "best-of" specimens from Arizona's many major mineral localities ... and it was easy to see on tear-down who the overachievers were: Evan Jones provided over 275 specimens, Les Presmyk not many fewer and Paul Harter, Mark Hay, Dick Morris and Phil Richardson all had well over a hundred each distributed between 20 plus cases. My hunger for wulfenite was seriously aroused...the owners of those magnificent Red Cloud, Rowley, Glove, Hilltop, Old Yuma, North Germonimo, 79 and Defiance pieces better watch out! And



### THANK YOU TO ALL OUR VOLUNTEERS AT THE 2012 SHOW

Skip Barkley, Jean Barkley, Bob Barnes, William Besse, Pamela Birge, Russell Boggs, Carl Bowlby, Michael Braswell, Mark Candee, Phyllis Candee, Bill Carmody, Marvin Chaiken, Marsie Chaiken, David Clement, Denise Collins, Ralph Combs, Dave Cormier, Robert Crowell, Jean Luc desRivieres, Philip Dunton, John Ebner, Betsy Eigenberg, Erhan Erdem, Martha Erdem, Rusty Etwiler, Sue Feyrer, Don Feyrer, Marjorie Flagg, Richard Flagg, Jerry Foley, Hildreth Garb, John Gaston, Ron Gibbs, Jerry Glazman, Mary Glazman, Patrick Greene, Mary Greene, Venice Hawkins, Larry Heath, Harry Henze, Andrew Herman, Jackie Holden, Larry Holden, Elaine Hughes, Tish Hunter, James Hurlbut, Walter Johnson, Bill Kerr, Carolyn Kerr, Deborah Kimball, Yvonne Lind, Robert Lind, Keith Lindholm, Carole Lockhart, George Lueras, Sarah Lundberg, Karyl Lynch, Mark Marikos, Donna McCabe, Tim McClain, Beverly McDerment, Jim McGlasson, Lauren Megaw, Bob Melzer, Denis Menard, Elizabeth Moller, Robert Moore, Florence Moore, Bob Morgan, Christina Morrissey, Barbara Mostoff, Diana Mueller, Ruby Munson, Richard Nassi, Robert Niedermeier, Bob O'Donnell, Lucie Offerle, Robert Offerle, Wes Osborn, Phillip Partington, Ron Pellar, MaryAnn Penkova, Alyce Pennington, Pete Peterson, Virginia Peterson, Fred Pffarius, Louis Pill, Donna Pugh, Robert Ramig, Graciela Rendon-Coke, Janet Reue, Martin Rex, Al Romey, Elaine Royer, Robert Royer, George Salwaechter, Jo Anne Sam, Bert Sanchez, Pat Schaffer, Vera Schlichter, Aniko Selmeczi, Janette Simister, Steve Slaff, Eckhard Stuart, Marija Tallet-Kelpsa, Rim Tallet-Kelpsa, Christiane Toft, Kerry Towe, Stewart Towle, Dennis Tryon, Steven Weibel, Eric Weiland, Carolyn Weinberger, Steve Weinberger, Shirley Wetmore, Bob White, Sugar White, Brenda Wilson, David Witwer, and Doris Wright.

### From the 2012 Show Committee and Society Officers and Directors

Ellen Alexander, Mark Ascher, Jeanette Barnes, Jim Bleess, Diane Braswell, Coleen Brown, John Cesar, Connie Clark, Anna Domitrovic, Ken Don, Jim Etwiler, Richard Flagg, Richard Gottfried, Carolyne Gray, Paul Harter, Alrene Hibben, William Hodgson, John Howard, Nancy Howard, Carol Johnston, Wayne Klement, Rose Marques, Pat McClain, Peter Megaw, Linda Oliver, Les Presmyk, Gloria Quigg, Marilyn Reynolds, Penny Savoie, Ed Schaffer, Gene Schlepp, Rick Trapp, and Jack Wixon.

Excerpt from the February issue of *Mini Miners Monthly*

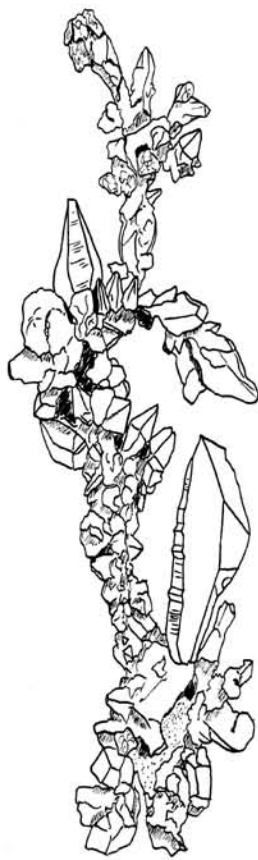
## The Tucson Gem and Mineral Show™



The Tucson Gem and Mineral Show™ takes place on the second full weekend of February every year in beautiful Tucson, Arizona. It is planned and presented by the Tucson Gem & Mineral Society. As this issue of *Mini Miners* is coming together, this great show is beginning. It is the largest gem and mineral show in the United States. The money raised by the show is used in Tucson for programs, events and resources to teach people about minerals and gems. Every year, 3,000 elementary school children visit the show and learn about minerals!

Going to this show is like going to the best mineral museum in the world. Every year the show has display cases of the best of the best mineral and gem specimens from all over the world. Major mineral museums from across the globe, as well as private collectors, display their mineral treasures for you to see. Put on your comfy running shoes because you will be able to visit approximately 250 mineral dealers to find treasures for your collection. There are also lectures, programs, special dinners and other events for you to learn about minerals and enjoy the friendship of other collectors.

Each year the show is designed around a specific theme. Some of the themes in recent years have been "Minerals of the U.S.A.," "Mineral Oddities," "Gems and Gem Minerals," and "Minerals from California." In celebration of Arizona's 100th anniversary as a state, the theme this year is "Minerals of Arizona." Here are some drawings of the wonderful minerals found in Arizona.



### Copper and Copper Minerals

European explorers came to Arizona hungry for fortunes of silver and gold. They heard legends of towns where the streets were paved with gold. No one can say how many people died in the search for silver and gold, but certainly many hundreds lost their lives in search of precious metals. And, yes, plenty of silver and gold has been mined in Arizona. However, it is most accurate to say that **Copper** is the metal that made fortunes for many people in Arizona. So much copper has been mined in Arizona that it is officially known as **The Copper State**.

It takes a very special geologic situation for copper masses and crystals to be formed in the earth. Usually the copper combines with other elements to form many different minerals. And yes, Arizona is one of those special places where natural copper can be found in large quantities.

**Native copper**, as mineralogists call it, has been mined in the Ray mine, the New Cornelia mine, and other mines in the Ajo and Mineral Creek Districts. As you can see from these specimen drawings, some of the best copper crystals found anywhere in the world have come from mines in Arizona. (Left: Crystallized copper from the Ray mine, Pinal County, Arizona.)

**One Hundred Years of Arizona Statehood  
Fifty Years for the Flagg Foundation  
Twentieth Minerals of Arizona Symposium**

**Friday April 13, Saturday April 14, and Sunday April 15, 2012  
Clarion Hotel at Phoenix Tech Center  
5121 E. La Puente Ave, NW corner of Elliot Rd and Interstate 10.**

Registration fee includes: Saturday coffee breaks, Saturday lunch, and Symposium Proceedings. The Mexican Buffet on Saturday is \$15 additional. Friday evening 5 PM to 10 PM there will be a mineral sale with dealers selling from rooms. Saturday there will be a program from 8 AM to 5:00 PM followed by a Mexican Buffet at 6:30 PM. Dealers may sell from 5:00 to 6:30 and after the buffet. Sunday activity to be announced. The Clarion has a special rate for rooms during the symposium. They are \$69.95 per night plus tax and include breakfast, happy hour (with beer and wine), and a light evening meal (salad bar and one hot item). If you want a selling room you need to request a first floor, courtyard (poolside) room. We have asked that those rooms be saved for dealers. If you do not want a selling room just specify that you are with the mineral symposium to get that rate. The Clarion telephone number is 480-893-3900. We hope that people will come and make it a weekend event.

**Program**

8:00 - 8:45	<b>Coffee Hour</b>
8:45 - 8:50	<b>Welcoming Remarks and Introductions</b>

**Arizona Localities**

8:50 – 9:30	Minerals of Washington Camp and the Patagonia Mountains – Barbara Muntyan
9:30 – 10:10	Geology, Mines, and Minerals of the Tombstone Area– Jan Rasmussen
10:10 – 10:40	<b>Break</b>
10:40 – 11:20	Gemstones of Arizona – Wolfgang Mueller

**Arizona History**

11:20 – 11:50	The Mineralogy of Arizona: Past, Present, and Future – Marcus Origlieri
11:50 – 1:10	<b>Lunch</b>
1:10 – 1:50	History and Development of Mining in Arizona before Statehood (1912) – Jim McGlasson
1:50 – 2:30	Arizona - 100 years of Collecting - Les Presmyk
2:30 – 3:00	<b>Break</b>
3:00 – 3:40	Celebrating 40 years of Mineralogy at the Arizona - Sonora Desert Museum - Anna Domitrovic
3:40 -	Arizona Territory Mineral Treasures in the Vaults of the Yale Peabody Museum – Stefan Nicolescu

**Saturday Night Buffet (\$15)**

Keynote Speaker – Bob Jones, topic “Formation of Mexico’s Giant Selenites”.

Auction to support the Earth Science Museum, we hope to have some good specimens and other interesting items to auction off. So far we have a signed (signatures of about 30 contributors) copy of *Collecting Arizona*, Bill Hunt’s first edition of the *Mineralogy of Arizona* (signed by the three authors and with Bill’s typed notes of additional localities attached), and a Bisbee azurite specimen.

**Registration Form:**

Please mail this form with the \$40.00 registration fee (Foundation members pay \$35.00) before April 5, 2012 so lunch and other food can be ordered. The Saturday Night Buffet is \$15 additional.

**Mail to: Flagg Mineral Foundation, P.O. Box 41834, Mesa, Arizona 85274**

**Make checks payable to: Flagg Mineral Foundation**

Enclosed is \$ \_\_\_\_\_ for \_\_\_\_\_ registrations

And \_\_\_\_\_ x \$15 for Saturday Buffet.

Total enclosed is: \_\_\_\_\_

Name(s): \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_



TGMS General Meetings are open to the general public. All other meetings/events are for TGMS Members only.

TGMS Calendar				March 2012		
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5 TGMS General Meeting 7:30 pm	6 TGMS Educational Class 7:00 pm to 8:30 pm	7	8	9	10 TGMS Field Trip to the Rosemont Copper Mine
11	12 TGMS Micomount Meeting 7:30 pm	13 TGMS Board Meeting 6:30 pm	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28 TGMS Show Committee Meeting 6:30 pm	29	30	31

Unless otherwise stated ... all meetings are held at the Tucson Gem and Mineral Society facility.  
Located at: 3727 E. Blackledge, Tucson, Arizona 85716

## CALENDAR OF SHOWS

March 3-4—FOUNTAIN HILLS, ARIZONA: 3rd retail show; Rick Obermiller; Fountain Hills Community Center; 13001 N. La Montana Dr.; Sat. 10-5, Sun. 10-4; adults \$2, children (under 10) free; 15 dealers, gems, minerals, crystals, fossils, beads, metals, kids' gold panning and fossil dig, door prizes, raffles; contact Rick Obermiller, PO Box 64281, Phoenix, AZ 85082-4281, (602) 826-2218; e-mail: [obrocks@gmail.com](mailto:obrocks@gmail.com)

March 8-11—DEMING, NEW MEXICO: 47th annual show and sale; Deming Gem & Mineral Society; SWNM Fairgrounds; Raymond Reed Blvd.; Thu. 9-5, Fri. 9-5, Sat. 9-5, Sun. 9-5; free admission; more than 100 dealers, displays, geode cutting, gold panning, spinning wheel, silent and live auctions, door prizes, raffle, guided field trip; contact Maurice Crawford, 713 W. Spruce PMB 726, Deming, NM 88031, (575) 546-0056; e-mail: [mauryjudy@yahoo.com](mailto:mauryjudy@yahoo.com); Web site: [dgms.bravehost.com](http://dgms.bravehost.com)

March 16-18—ALBUQUERQUE, NEW MEXICO: Annual show; Albuquerque Gem & Mineral Club; New Mexico State Fairgrounds; CAC Bldg., San Pedro Ave. entrance; Fri. 10-6, Sat. 10-6, Sun. 10-5; adults \$3; more than 40 dealers, crystals, jewelry, fossils, rocks, minerals, decorator items, jewelry, books, supplies, beads, mineral ID booth, visits by a well-behaved and socialized wolf, NM Bureau of Geology and Mineral Resources educational booth, kids' grab bags, silent auctions, about 20 displays; contact Paul Hlava, PO Box 13718, Albuquerque, NM 87192, (505) 255-5478; e-mail: [paulhlava@q.com](mailto:paulhlava@q.com); Web site: [www.agmc.info](http://www.agmc.info)

March 17-18—COTTONWOOD, ARIZONA: Retail show; Sharon Szymanski; Mingus Union High School; 1801 E. Fir St.; Sat. 10-5, Sun. 10-4; adults \$3, children (under 12) free with adult; dealers, custom and fine jewelry, gold and silver, rocks, slabs, cabochons, beads, rough, unset gemstones, crystals, lapidary machinery and supplies, wirewrapper; contact Sharon Szymanski, 1792 E. Laddoos Ave., San Tan Valley, AZ 85140, (480) 215-9101; e-mail: [goldcanyon2@yahoo.com](mailto:goldcanyon2@yahoo.com)

March 24-25—YUMA, ARIZONA: Annual show; Sharon Szymanski, Val Latham; Yuma Civic Center; 1440 Desert Hills Dr.; Sat. 10-5, Sun. 10-4; adults \$3, children (under 12) free with adult; dealers, fine and costume jewelry, gems, beads, slabs, cabachons, fossils, lapidary supplies and machinery, wire wrapping on the premises; contact Sharon Szymanski, 1792 E. Laddoos Ave., San Tan Valley, AZ 85140, (480) 671-6191; e-mail: [goldcanyon2@yahoo.com](mailto:goldcanyon2@yahoo.com)

April 14-15—KINGMAN, ARIZONA: Annual show; Mohave County Gemstoners; Kingman Academy of Learning; 3420 N. Burbank St.; Sat. 9-5, Sun. 9-4; free admission; educational displays, kids' activities, raffle, door prizes, silent auction, dealers, demonstrations, rough rock, slabs, minerals, jewelry, silver- and goldsmithing, fire agates, artwork; contact Mary Gann, PO Box 3992, Kingman, AZ 86402, (928) 757-8121; e-mail: [quadpol@aol.com](mailto:quadpol@aol.com); Web site: [www.gemstoners.org](http://www.gemstoners.org)

# ROCK TALK

**FROM:**

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



**TO:**

**Tucson Gem and Mineral Society, Inc.**

**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 February (On Monday, week of the Show), June-August (potlucks), and September (second Monday because of the Labor Day holiday.)

**The Tucson Gem and Mineral Show™:**

The second full weekend in February.

**Affiliations:** American Federation of Mineralogical Societies, Inc. (AFMS), Rocky Mountain Federation of Mineralogical Societies (RMFMS), International Federation of Micromount Societies (IFMS), Metropolitan Tucson Convention & Visitors Bureau (MTCVB), Tucson Metropolitan Chamber of Commerce (TMCC)