Tucson Gem and Mineral Society, Inc. ROCK TALK Volume Marce

Volume 8 - Issue 4 March - April 2014

President's Page

Well, folks, we did it again and this was one of the best Shows ever. It has been a real privilege to work with so many willing and able volunteers and I just have to say "Thanks so much" for all your hard work and attendance. The last I heard our numbers for attendance were really good this year and almost all the comments from visitors, dealers and exhibitors were positive. It was a wonderful but very tiring experience for all of us but we cannot rest on our laurels; it is time to start on next year's theme, "Minerals of Western Europe."



want to give everyone an equal chance.

About all for now, except a special thanks to Pat and Rose who have worked tirelessly to do the Show and run the Office and everything in between. When you get a chance tell them how much we appreciate how much they do. They are pretty special gals.

Diane Braswell, President

I wanted to remind everyone that there is an election coming up in May so, if anyone is interested in serving as a Board Member for TGMS, please come forward and ask to be put on the ballot. It is a lot of work but so rewarding when things come together just the way they should and such a sense of satisfaction. So give it some thought.

The Field Trip Committee will be meeting in the next month to plan more field trips so everyone will get an opportunity to get out and enjoy this beautiful Arizona weather. We welcome any suggestions you may have so don't hesitate to come to one of us and give us the information. We hope to get several things planned before it gets too hot and we have to pack it in for another summer. Remember, we do have the North Country for any who are interested.

Keep in mind our potlucks for the summer. That will be coming very soon and I'm sure there will be a sign-up sheet if you are interested. Always fun to get together in the months when it is too hot to do much else

Another thing on the agenda for May, our Scholarship award. I will, of course, ask Bob Downs if he has recommendations from U of A. If any of you know of a deserving student interested in the Earth Sciences, please give us his or her name. We

Tucson Gem and Mineral Society, Inc. 2013 - 2014 Officers & Directors

President: Diane Braswell ph. 520.574.1942 Vice President: John Callahan, ph, 520.888.3302 Recording Secty.: Marilyn Reynolds, ph. 520.296.0688

Treasurer: Ellen Alexander, ph. 520.743.9383

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Director: Mark Marikos, ph. 520.360.4264 Director: Bob O'Donnell ph. 972.523.3567 Past President: Mark Ascher, ph. 520.886.0397

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TGMS General Meeting - January 13, 2014

The General Meeting of the Tucson Gem and Mineral Society was called to order by President Diane Braswell at 7:30 p.m. Visitors and new members were recognized and welcomed to the meeting.

ANNOUNCEMENT: Paul Colburn, the "Geode Kid", from Deming, New Mexico died last November. He was known to many members of TGMS.

PROGRAM: William Ascarza gave a presentation on "Arizona Mining History". Arizona is the 6th largest state and has 246 historic mining districts. Mining has been the cornerstone to the economic development of Arizona for over 150 years. Copper had a \$4.6 billion impact on the state's economy at the end of 2011. There is a northwest trending belt of metallic mineralization across the In the southeast area, copper with its associated minerals is predominant. The central area has gold and the northwest area has uranium and vanadium. Since 1910 Arizona mines produce approximately 65% of the nation's copper and are number six in the world. The earliest mining was done by Native Americans for coal and turquoise. In 1736 silver slabs were discovered in Arizona approximately 15 miles south of Arizona in Mexico. Silver mines in southern Arizona were mined until Mexico became independent and abandoned the missions. After that, mining halted due to Apaches and resumed approximately in 1850. Bill has written five books and writes the column "Mine Tales" for the Arizona Daily Star. He is an archivist at the University of Arizona College of Law, an historian, researcher and active member of TGMS. He also leads backcountry study tours organized through Pima Community College.

BREAK: Refreshments were provided by Denis Menard and included pot roast, mashed potatoes, fruit, cookies and sweet breads. Many thanks to Denis.

APPROVAL OF MINUTES: MOTION: To approve the November and December, 2013 General Meeting minutes as published in Rock Talk. Seconded and approved.

OLD BUSINESS:

Field Trips: January 25th to the Silverbell Mine has a limit of 30 people. February 22nd to the Purple Passion Mine; there is a \$10 fee. March 7th to the Mission Mine; sign-up will be available at the February meeting. April 27th to the Oceanview

Mine in California for tourmaline, morganite and aquamarine; there is a \$20 fee to collect from 11:00 a.m. to 3:00 p.m.; be at the gate by 10:30 a.m. May 31st to New Mexico.

Janelle Cortright announced that the American Federation/Northwest Federation of Mineralogical Societies is sponsoring a field trip to Terry, Montana July 30th to August 4th for cretaceous sea fossils, dinosaur fossils and agate on the Yellowstone River gravel beds. TGMS is a member of the American Federation which qualifies members to attend. For information, contact Doug True at dtruefossils12@yahoo.com. There is also a trip sponsored by the Seaman Museum and Copper Country Minerals in Houghton, Michigan in August.

December 2014 TGMS Sale: Jo Anne Sam announced that many of the tables are already reserved. She thanked Janelle Cortright for all her hard work on the 2013 sale.

Case Endowment: Forms are in the back room for anyone wanting to participate. The contribution is \$500 per case and includes a permanent plaque with the name of the honored/remembered individual and the sponsor's name.

NEW BUSINESS:

Education Class: Bill Shelton's class on "Show Business" will be Tuesday, January 7th at 7:00 p.m. at TGMS.

Community Outreach: Shirley Wetmore will be giving classes on earth sciences at the school behind TGMS.

Miner's Coop Rock Show: Kino Sports Complex has been taken back by the city so the show will be January 31-February 16 at 6107 N. Travel Center Drive off I-10, exit 250. There will be rock dealers, jewelry designers and artists. Parking is free.

DRAWING FOR DOOR PRIZES: Denis Menard, as meeting host, made the first choice. Drawing winners were Pete Peterson, Louis Pill, Michael Hollonbeck and Herb Ross.

Next Meeting: 2nd Monday in February which is the week of the Show.

The meeting was adjourned at 9:20 p.m.

Respectfully submitted, Marilyn Reynolds, Recording Secretary

22nd Annual Symposium sponsored by the Flagg Mineral Foundation

"Minerals of Arizona" Friday, April 4, Saturday, April 5, and Sunday, April 6, 2014

Friday Program: Micromineral Symposium

2:00 Welcome by Ron Gibbs

Trade/give-away session - Microscopes available or bring your own. Please bring minerals to share, trade, and/or brag about.

- 4:00 Presentation: Micromineral Collecting, When Bigger Isn't Better Ron Gibbs
- 4:45 What's Next? Open discussion on how to improve the micromineral session

Saturday Program: Continental Breakfast 8:00 AM, talks from 9:00 AM to 4:30 PM followed by a dinner at 6:00 PM with a speaker and an auction of donated items.

8:00 - 8:45 - Coffee	Hour
8:45 - 9:00 - Welcon	ning Remarks and Introductions
9:00 – 9:40 -	Geobacter in Arizona – Brian Beck
9:40 – 10:20 -	Crystallized Gypsum Deposits of the San Pedro River Basin – Barbara Muntyan
10:20 – 10:50 -	Break
10:50 – 11:30 -	Geodes, Septarians and Thunder Eggs, Their Structure and Origin - Dick Zimmerman
11:30 – 12:10 -	A Brief History of Mineral Magazines of the World – Gunther Neumeier
12:10 – 1:30 -	Lunch
1:30 – 2:10 -	Arizona's Gold and Silver Mining, Why More Specimens Were Not Saved or Why We Should Be Thankful for the Ones that Were - Les Presmyk
2:10 – 2:50 -	Fingerprinting origins of placer gold from Vulture and Rich Hill – Trica Reed and Chelsea Sheets-Harris
2:50 – 3:20 -	Break
3:20 – 4:00 -	Revisiting the Eastern Flanks of the Santa Rita Mountains, Greaterville and Rosemont, Pima County - Anna Domitrovic
4:00 – 4:20 -	New Ideas on the Origin of Oil and Real Diamonds: A Herkimer Quartz Diamond and Diamondoid Case History from New York - Stan Keith
4:30 - 6:00 -	Happy hour, visit dealers

6:00 **Dinner and evening speaker** - Dr. Erik Melchiorre, Professor of Geology, California State University at San Bernardino, "In-situ Gold Nugget Formation in AZ: the little miners did it, and other amazing things about Arizona gold." Erik has authored and co-authored many articles and books about Arizona gold. There will also be an auction of donated items.

Sunday Program:

9:00 to 10:30 - Possible demonstrations:

Portable XRF for analyzing gold and other minerals for their chemistry, trimming and cleaning minerals, Fluorescent minerals

10:30 to 12:00 - Trading session

More information about Sunday's program will be on the website as we confirm it.

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22nd Annual Symposium sponsored by the Flagg Mineral Foundation					
Registration Form:					
Please mail this form with the \$40.00 registration fee (Foundation members pay \$35.00) before April 1, 2014 so lunch and other food can be ordered.					
Mail to: Flagg Mineral Foundation P.O. Box 41834 Mesa, Arizona 85274 Make checks payable to: Flagg Mineral Foundation					
Enclosed is \$ for registrations andx \$20 for Saturday Dinner.					
Name(s):					
Address:					
E-mail:					
Clarion Hotel at Phoenix Tech Center, 5121 E. La Puente Ave. (NW corner of Elliot Rd. and I 10) in Phoenix					
The Clarion has a special rate for rooms during the symposium. They are \$69.95 per night plus tax and include breakfast, happy hour 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. These rooms are \$79.95 plus tax this year as they have been remodeled. 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 the quoted rate. The Clarion telephone number is 480-893-3900.					

Directions: Take Interstate 10 N or S to Elliot Road exit. Go west on Elliot Road to the first light (a short block), turn north on 51st Street to La Puente Ave. Turn right into the Clarion.

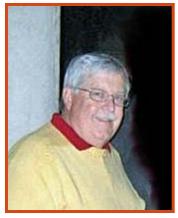
HONOR FLIGHT

One of our members Bob Melzer, World War II Veteran, has been invited to attend a special ceremony in Washington D. C. by the Southern Arizona Honor Flight Organization. This is a special and well deserved recognition. We want to thank Bob for his service to our Country.

"THANK YOU" - TO OUR VOLUNTEERS!!!

Rose and I would like to "thank" a very special small group of people who continually help us out with getting things ready to take/move to the Show. Jeannette Barnes, Jo Anne Sam, Marilyn Reynolds, Shirley Wetmore, Bob & Yvonne Lind, Tim McClain, Kenny Don ... have consistently been there for us. Packets needed to be stuffed; badges needed to be typed, printed and stuffed into the plastic sleeves; papers needed to be alphabetized; information books need to be put together; things needed to counted; boxes needed to be packed; copies needed to be made; lists needed to be gone through; errands needed to be run; things needed to be bought; and so many last minute requests needed to be taken care of ... and with their help we managed to accomplish most, if not all. So THANK YOU, FOR ALL THAT YOU DO!!!!!!

2014 Tucson Gem and Mineral Show™



February 13-16, 2014 will be remembered by all as a truly great weekend. Like every significant anniversary, 60 years was marked by glamour, excitement, new features and so much more. Planning for this Show started several years ago. But, before getting to the Show, let

us reflect on those who preceded the current participants. The intrepid few who organized the first show and then said, "Let's have a second Show" must be commended. Without their commitment in the infancy of the Tucson Gem and Mineral ShowTM, this year's success would not have been possible. Our hats are off to those whose vision has now become the greatest gem and mineral show.

A second and personal thought before writing about the Show is to express to the TGMS Board and Officers my appreciation for their support, not just this year but the past four years. Without that support the success would not have been possible. The Board asked the Show Committee to focus on minerals and exhibits. In return the Show Committee asked the Board to "open its wallet" and did it ever. Thank you.

Now, on to the Show! The first thing everyone noticed was a new look about the Show, floor to ceiling. For years there has been carpet in the Arena and this year carpet was added to the Ex-Hall. The ceiling was "lowered" with 500 white umbrellas. Both of these helped to give the Show a new look,

decreased noise and help everyone's tired feet. Perhaps it what was between floor and ceiling that mostwas significant: 120 exhibit new cases with LED





lights. This new look was the talk of not only the Show, but the exhibitors who o u t d i d themselves this year. The exhibits were

some of the best ever presented; from the glamour of the Cartier diamond bandeau exhibited by a new participant, Somewhere In the Rainbow, to the heartbreaking exhibit of gold recovered from a safe deposit box destroyed at the World Trade Center. (More in Peter's report on the exhibits and other musings.)

The dealers also stepped up to enhance the Show. Collector's Edge Minerals, Inc. celebrated its 30 year anniversary with a stunning



booth and display of minerals. And, so many others presented their goods and wares in a most attractive manner. The success of these efforts was evident by seeing so many bags and boxes being carried around the Show floor. The reports I have received lead me to conclude the Show was a financial success for the dealers.

But wait, there was more to the weekend. The ancillary

activities are another reason this Show is the best: education for youth, world renowned speakers, professional society meetings, and international competition, national awards. sharing of knowledge information, renewing and beginning friendships and so much more. None of this is possible without the help of so many of you. Before the Show began, during the Show and after the Show I expressed my thanks to those who gave so much. Please again Page 6 ROCK TALK

2014 Tucson Gem and Mineral Show™ - CONTINUED

accept my thank you to each of you for your commitment to the Tucson Gem and Mineral Show $^{\text{TM}}$. Without your help none of this success would be possible.

This Show is so much more than just gems and minerals, sales and exhibits. It is an opportunity for people, your friends and neighbors to experience our passion. This year the paid attendance was over 18,600 and that does not even count the 2000+ school kids and chaperones. Thank you to all of the media who out did themselves with coverage and to each person who walked through the doors.

We will again gather February 12-15, 2015 for the 61st annual Tucson Gem and Mineral Show[™]. The Show will feature "Minerals of Western Europe." Please start thinking now about the next iteration for each of us wants it to exceed all previous Shows. A large task, yes; an impossible task, no. So in closing, tighten your belt and get ready for another great ride.

Paul Harter 2014 Show Chairman









Photos by: Ken Don, TGMS Official Photographer Wayne Klement The Tucson Gem and Mineral Society was honored by Congressman Ron Barber in giving Congressional Recognition before the U.S. House of Representatives for the 60th Annual Tucson Gem and Mineral Show™.

At the Saturday evening event, Wendy Erica Werden, from Congressman Barber's office, was on hand to present this letter to Society President Diane Braswell and Show Chairman Paul Harter.

2014 Tucson Gem and Mineral Show™



What a Show! The new layout, spiffy new-style dealer booths, carpeting, the Umbrellas of Cherbourg (nice touch Linda!) ... all topped by the new exhibit cases that shone almost as well as their contents... led to effusive and non-stop compliments from set-up to strike. Have to

start by thanking the 136 museums and private collectors who once again brought the kind of quality exhibits that set our show apart and helped our 60TH Show set a new high-water mark even for TGMS. A number of long-time exhibitors mentioned that they like the new cases so much they are going to have to bring even better exhibits next year to do the cases justice! Several "once and future" exhibitors asked to be sure they're on the invitation list for next year since they can see they want to be part of a whole new era in the TGMS Show. Get your requests for cases for 2015 in now ... space will fill up fast and we'd love to have more member exhibits.

Diamonds, gold, silver and gems galore twinkled from the new cases and (almost) rendered the



hard work of case preparation and lining invisible. Kudos to Wayne Klement, Robert Crowell and Elaine Hughes and their hard-working case-lining and construction teams who worked hard to put our new cases into service both at Arizona Cine and the TCC. This included TGMS stalwarts Bob Melzer, Dave Arens, Alrene Hibben, Don and Sue Feyrer, Jeannette and Bob Barnes, Jan Reue, Janet and Ted Rupp, Anneliese and Jerrold Foley, Donna Pugh, Deborah Alderman, Dave and Barb Witwer, Mark Marikos, Bette Powell ,Sarah Day, Mike Braswell, Ellen Alexander and Richard Nassi.



TGMS President Diane Braswell and Show Chair Paul Harter pitched in too. Special thanks go out to Wayne's hard-working brother Larry, Don Morin, Twink Monrad. ...

non-members who rolled up their sleeves and gave a lot of their time! (We'll have to see about modifying that non-TGMS status!). A number of these folks were pivotal to the process from construction to lining to final strike ...thank you all ... and thanks (and an apology) to any others who I am overlooking in my post-TGMS fatigue.

It was a tough job making all those new liners ... and hoping they'd all fit right! W i t h n o inventory to fall back on it was fortunate most exhibitors paid attention to the



fact their old liners wouldn't work and made new ones. (Imagine! reading the instructions! Guess there's a first time for everything.) The new case design made putting in liners and risers incredibly fast, easy and secure (the only liners I saw falling over were folks who had skimped on the height so they missed the groove) and lots of exhibitors praised being able to focus on their rocks rather than fooling with setting their case up.

I can't remember a move-in ever going so smoothly ... getting in early and having a little extra time helped immensely. Thanks to Linda, Lee, Kirstin, Bre and their entire Arizona Cine team for building the best looking show ever, despite all the changes and upgrades. And, as always, thanks to all the friendly TGMS volunteers who make folks feel welcome ... and eager to return.

John and Nancy Howard get major credit for volunteer

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2014 Tucson Gem and Mineral Show™ -CONTINUED

coordination with thanks to their entire team: Don and Sue Feyrer, Jeannette and Bob Barnes, Herb Ross, David Clement, Donna Pugh, Karyl Lynch, Dave Cormier, Bob and Yvonne Lind, Bob O'Donnell, Mike Hollonbeck, Tim McClain, Bob Morgan, Bob Kerr, Dana Cote, Madison Barkley and Barb Muntyan. Special thanks to my trouble-shooters Steve Slaff, Erick Weiland, Ron Pellar, Bill Besse, and Jaye Smith! (Anyone notice that the same names keep turning up? ... operators are standing by to help put yours among them!)

As always, security was excellent thanks to Pat and TPD. It's a testament to what a good time our Show is that the TPD officers compete to work our Show ... and it's a real joy to see Officer Mark Evanoff rattling off the story of the diamond tiaras in the Smithsonian-centric focus pod. I think he learns more than anyone else at our show ... except the folks guided through the exhibits by Ellen's docents.

No show follow-up report could be complete without once again recognizing the hard work Pat and Rose put in year-round to make our Show the Best! Rose's attention to detail keeps the invitations going out right year after year ... and saves me from much embarrassment on set-up! I'd be lost (or at least working a *whole* lot harder) without her. And it's impossible to say enough about Pat's tireless (well almost ... after six weeks of 18 hour days she does start to show fatigue around Saturday night) work on each and every aspect of the Show. Anyone who thinks it's "just a job" to them is not paying attention!!! Next time you see them let them know how much you appreciate all they do for TGMS.

Again, thanks to all ... catch your breath ... get some sleep, and let's do it again ... it's FUN!

Peter Megaw Special/Guest Exhibits Chair













2014 SHOW DATES

MARCH

6-9—DEMING, NEW MEXICO: Retail show; Deming Gem & Mineral Society; SWNM State Fairgrounds; Raymond Reed Blvd.; Daily 9-5; free admission; contact Shirley Krasinski, PO Box 1459, Deming, NM 88031, (575) 494-5971; e-mail: nmbound@gmail.com; Web site: DGMS.bravehost.com

14-16—ALBUQUERQUE, NEW MEXICO: 45th Annual Gem, Mineral and Jewelry Expo; Jay Penn; Expo NM State Fairgrounds; Creative Arts Bldg., 300 San Pedro NE; Fri. 10-6, Sat. 10-6, Sun. 10-5; adults \$3 (\$1 on Fri.), children (under 13) free; Treasures of the Earth: 40 dealers, gemstones, mineral specimens, jewelry, beads, cabochons, carvings, fossils, meteorites, books, raffles, door prizes, silent auctions, mineral ID, displays; contact Paul Hlava, (505) 265-4178; email: paulhlava@q.com; Web site: www.agmc.info

15-16—COTTONWOOD, ARIZONA: Show and sale; CKM Productions, LLC; Mingus High School; 1801 E. Fir St.; Sat. 9 -5, Sun. 9-4; adults \$3, children (under 12) free; dealers,

jewelry, gems, minerals, raffles; contact Gayle Macklin, PO Box 21222, Sedona, AZ 86341, (520) 921-0100; e-mail: gayleis@gmail.com

APRIL

12-13—ANTHEM, ARIZONA: Annual show; Daisy Mountain Rock & Mineral Club; Anthem School; 41020 N. Freedom Way; Sat. 10-5, Sun. 10-4; adults \$3, seniors and students \$2, children free; gems, minerals, fossils, fluorescence, jewelry, beads, wire wrapping, geodes, raffles, kids' events; contact Ed Winbourne, 1717 W. Medinah Court, Anthem, AZ 85086, (978) 460-1528; e-mail: ewinbourne@qmail.com

18-20—DENVER, COLORADO: Wholesale and retail show; Martin Zinn Expositions, LLC; Ramada Plaza Denver Central (formerly Holiday Inn); 4849 Bannock St.; Fri. 10-6, Sat. 10-6, Sun. 10-5; free admission; 75 retail and wholesale dealers; contact Regina Aumente, PO Box 665, Bernalillo, NM 87004, (505) 867-0425; e-mail: mzexpos@gmail.com; Web site: www.mzexpos.com

	TGMS (Calendar		March 2014			
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
						1.	
2	3 TGMS General Meeting 7:30 p.m.	4 TGMS Educational Class 7:00 p.m.	5	6	7 TGMS Field Trip Mission Mine	8	
9	10 TGMS Micro Mtg. 7:30 p.m.	11	12	13	14	15	
16 TGMS Field Trip Purple Passion Mine	17	18	19	20	21	22	
23	24	25	26	27	28	29	
30	31						

Unless otherwise stated ... all meetings are held at the Tucson Gem and Mineral Society facility.

Located at: 3727 E. Blacklidge, Tucson, Arizona 85716

ROCK TALK

FROM:

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





Tucson Gem and Mineral Society, Inc.

P.O. Box 42588 Tucson, Arizona 85733

Phone: 520.322.5773 Fax: 520.322.6031 E-mail:tgms@tgms.org

We're on the web www.tgms.org

PURPOSE: To encourage interest and study in geology, mineralogy, lapidary, and allied earth sciences.

Meetings: Usually the first Monday of the month, starting at 7:30 p.m., except February (on Monday, week of the Show), June-August (potlucks), and September (second Monday because of the Labor Day holiday). 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), International Federation of Micromount Societies (IFMS), Metropolitan Tucson Convention & Visitors Bureau (MTCVB), Tucson Metropolitan Chamber of Commerce (TMCC).