



FRIENDS OF MINERALOGY NATIONAL NEWSLETTER

Volume 41, No. 4

November 2011

to promote, support, protect and expand the collection of mineral specimens and to further the recognition of the scientific, economic and aesthetic value of minerals and collecting mineral specimens.

TUCSON 2012 MINERALS OF ARIZONA

ARIZONA

aurichalcite
'79 mine
gila co. arizona
11 cm
lindell col

ARIZONA

wulfenite, mimetite
rowley mine
maricopa co. arizona
5cm
col by john lindell



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PRESIDENT'S MESSAGE:

Writing for me has always been an excruciatingly difficult and time-consuming chore, even when I have a well-defined topic such as a mineral locality to write about. I seem to deliberate over each and every word. Coming up with a good topic for a 'President's Message' has been especially difficult (note that I did not do one for the last Newsletter), so when I saw one of our past presidents at the Denver Show, I asked him how he did it. "Write whatever comes into your head," was his recommendation. A scary thought, to be sure, but I will take his advice and offer up some observations.

Our Pacific Northwest Chapter recently concluded a very successful and enjoyable Symposium. The theme this year was "Famous Mineral Localities of Mexico," truly a rich and fertile subject. Our speakers and their presentations were first class, there were some excellent exhibits, and lots of good minerals available for purchase from the dealers. Safe to say, a good time was had by all. But like the mineral shows that I regularly attend, this event reminded me that these occasional get-togethers are about much more than minerals. For me and many others I am sure, it is one of the few opportunities we have to visit with old friends and make new ones. As a buddy of mine who attended the Symposium for the first time quipped, "it was like a hunting camp for rockhounds." Good analogy, if you know what goes on at a hunting camp. While I will always be fascinated by the minerals, as the years go by I find that it is the camaraderie I find at these events that I look forward to most of all. I am sure that many of you feel the same way.



The Friends of Mineralogy continues to be active in the State Locality Index project. This past year, we were also involved in various letter writing campaigns opposing the closure of a collecting locality in New Mexico, the elimination of the Curator position at the New York State Museum and the closure of the California State Museum. I am pleased to say that, to my knowledge, none of these proposed actions have come to pass. We also continue to present an annual award for the best article in four mineralogy publications together with a awards for the best educational cases. Our mission is to foster the appreciation of minerals, encourage the preservation and dissemination of mineralogical knowledge and support the responsible conservation of mineral specimens and mineral localities. What more can we do to advance our mission? Any ideas that you might have and would like to share with me or any one of our directors would be kindly appreciated. Thank you.

Allan Young
President

MINUTES**FRIENDS OF MINERALOGY**
2011 FALL MEETING

Denver, Colorado
September 16, 2011

The meeting was called to order by President Allan Young at 3:35 pm with approximately 14 persons in attendance. As there was not a quorum present, no FM business was conducted.

Allan Young reported that all officer and director positions were filled at the annual Board of Directors' meeting in Tucson in February. Several positive comments were received from the attendees regarding the Newsletter. Chapter presidents in attendance were reminded to get chapter reports in to the editor.

Allan Young relayed a message from Treasurer Carol Smith, who reported that the New Mexico bank account had been closed and that a Colorado account had been opened. She also reported that there was approximately \$7,000 in checking and \$12,000 in CD.

Allan Young reported that Nelson Shaffer is the new Committee Chairperson for the Mineral Locality Indices and relayed a message from Marie Huizing, who reported that the Tennessee index was included in the latest issue of Rocks & Minerals, and that the Montana index would be published in early 2012.

Julian Gray, Committee Chairperson for the TGMS Symposium, reported that the call for papers for "Minerals of Arizona" was closed, but additional speakers are still needed and efforts will continue to fill these slots.

Bob Harman reported on this summer's activities of the Midwest Chapter. The chapter was active in sponsoring several field trips in conjunction with local clubs and these were well attended. Bob relayed to the attendees an experience involving one such trip to a quarry. Collecting was good; so good that some of the material collected was later sold on-line by a small number of attendees, which created a problem with the quarry operator. It was stressed that materials collected on FM sponsored trips should be for personal use only.

Pete Modreski reported on activities of the Colorado Chapter and discussed its participation in the Creede Symposium last year.

Bill Dameron reported on the activities of the Pacific Northwest Chapter, including the annual Washington Pass cleanup and its upcoming Symposium, "Famous Mineral Localities of Mexico." Bill and Julian Gray also reminded the group that we must continue to be vigilant regarding the annual filings with the California Secretary of State. Mike Kokinos has been handling this duty for some time.

Allan Young reported that the FM weighed in on some collecting and museum issues during the past several months. These were the planned closure of the Rockhound State Park in New Mexico, the planned elimination of the New York State Museum Curator position, and the planned closure of the California State Museum. Because of a large amount of support for these programs, it was reported that none of the plans have become reality.

Bob Jones reported on the newly organized Mike Groben Scholarship Foundation. Mike is an avid mineral collector who has been paralyzed for most of his adult life, but it has not prevented him from field collecting and being actively involved in Friends of Mineralogy activities. The scholarship will benefit Southwestern Oregon Community College students who have overcome similar adversities in life.

Virgil Lueth reported on the annual New Mexico Mineral Symposium to be held November 12-13, 2011, at the New Mexico Institute of Mining and Technology, Socorro, New Mexico.

Allan Young reported on Idaho's State license plates that have a mineral theme, and that a portion of the proceeds from the sales of these plates go to earth science education in the state. Bill Dameron mentioned that an article about mineral related vanity plates will be forthcoming in Rocks & Minerals.

The meeting was adjourned at 4:05 pm.



ARIZONA

Aurichalcite, Chrysocolla, Hemimorphite, '79 Mine, Gila Co., Arizona
Photo by Frank DeWit

NEW CURATOR: RICE NORTHWEST MUSEUM OF ROCKS AND MINERALS

January 2012 will find Lara O'Dwyer-Brown in charge of the collections at the Rice Northwest Museum of Rocks and Minerals in Hillsboro, Oregon. Lara has collected rocks and minerals since she was young and has a passion for specimens. At the California Academy of Sciences in San Francisco she worked with Dr. Peter Roopnarine (curator) and Dr. Jean DeMouthe (collection manager) towards borrowing minerals, rocks, ores and fossils for display at UC Davis. Lara has visited the Rice Museum, toured its galleries, and (in her words) "is excited about working with the museum's phenomenal specimens to develop integrated education and outreach programs that will heighten the museum's role in the local community."

Lara received her B.A. degree in Natural Sciences (Geology) at University of Dublin, Trinity College Dublin, Ireland in 2004 and her Ph.D. in Geology at University of California Davis in 2011.



Her experience includes: being a volunteer Museum Scientist at UC Davis Dept. of Geology, a Teaching Assistant at UC Davis, performing guest lectures, outreach at McLaughlin Natural Reserve as geology module leader and curriculum designer for "KIDS" program in 2011. While at UC Davis, Lara managed the acquisition, cataloguing and integration of more than 1500 minerals from a private donor that enhanced the department's teaching and research resources. She also assembled collections of appropriate minerals and rocks to show elementary school visitors. She has had publications in American Mineralogist and Geophysical Research Letters as well as a number of published abstracts. Upon invitation she has given talks and also won the American Geophysical Union Mineral and Rock Physics Group "Outstanding Student Presentation Award in 2007". Lara is affiliated with the American Geophysical Union and the Mineralogical Society of America.

The Rice Museum looks forward to working with Lara as Curator of its collections and introducing her to not only northwest rock and mineral enthusiasts, but to the mineralogical community throughout the nation.



ARIZONA

Hematite, Quartz
Veta Grande Claim,
La Paz Co., Arizona
6cm
collected by John Lindell

THE DENVER MUSEUM OF NATURE & SCIENCE ANNOUNCES ENDOWMENT FUND

The Denver Museum of Nature & Science, the region's leading resource for informal science education, announces the establishment of the Tim and Kathryn Ryan Earth Sciences Fund. This \$1 million fund is dedicated to support the Museum's Earth Sciences Department and institutes the first endowed curator position at the Museum. Museum curator James W. Hagadorn, PhD, has received the title of "Tim and Kathryn Ryan Curator of Geology."

"We are long-time supporters of the Museum," said Tim Ryan, president of Ryan Exploration, Inc., and Museum trustee. "We are honored to establish a source of funding that will benefit generations to come."

This endowment will aid the Museum in attracting and retaining the best and brightest scientists while strengthening one of its core competencies, earth sciences.

"I am pleased to receive this honor," said Hagadorn. "We are grateful to the Ryans and know that the Museum and visitors will benefit from this investment in a variety of ways for years to come."

August 2011 Mineral News

Follow-Up: **New York State Museum Curator Terminations Rescinded!**

In last month's Mineral News, we encouraged readers to write letters of protest to New York State's Governor and other officials to protest the dismissal of five curators at the New York State Museum. We are delighted to report that those efforts, coupled with letters and petitions from many other individuals and organizations, have assisted in the reversal of the bone-headed decision to fire the NYSM curators!

Special thanks to all of those who helped avert another potential Philadelphia Academy debacle!

Tony Nikischer, *Publisher*

Reprinted from "Mineral News", August 2011 issue.

MIKE GROBEN ENDOWED SCHOLARSHIP FUND

Many of you know Mike Groben, one of the early organizers of Friends of Mineralogy. Mike was a very active collector who in 1961 became confined to a wheelchair when injured in a serious accident as a timber cruiser. He remained positive and continued his passion for minerals, serving in both the National and Pacific Northwest Chapter of Friends of Mineralogy, organizing symposia, buying and selling minerals, and even field collecting from his wheelchair. Mike is no longer able to attend shows, but still remains active. All this is evidence of Mike's determination, fortitude and courage in overcoming his handicaps while striving to continue as an active mineral collector and associated collecting activities.

For these reasons, an Educational Scholarship Foundation in Mike Groben's name has been organized recognizing the need to support others who have overcome great adversity as Mike has. Foundation monies will be made available to students attending Southwestern Oregon Community College. The only criteria to receive funds from the foundation is that the recipient meets the threshold of "someone who has overcome obstacles in his/her life".

If you wish to support the effort to establish the Mike Groben Scholarship program at Southwestern Oregon Community College, you may make a tax exempt contribution to the 501(c)3 non profit foundation. The tax ID number for the donation is 93-6031563. The contribution may be sent to:

Southwest Oregon Community College Foundation (SWOCC)
c/o Karon Pringle
1988 Newmark Ave.
Coos Bay, Oregon 97420

A credit card donation may be made on line by clicking on the "donate now" button on the college website at <http://www.socc.edu>.

Information compiled from Bob Jone's article in "Mineral News", October 2011 and from Charlene Harvey.



ARIZONA

Quartz over Chrysocolla
On Malachite
Inspiration Mine
Gila Co., Arizona
7cm

Mr. Bullen to John Mihelcic
in 1950
Mihelcic to Mike Groben
on 7/7/71
Groben to John Lindell
on 3/22/97

NEWS FROM THE AGI

The American Geological Institute (AGI) is announcing that as of October 1, 2011 it is formally adopting the name the American Geosciences Institute. AGI has a rich history of nearly 65 years as the American Geological Institute providing support to the profession and the public through a wide array of programs in the geosciences. In the past several years, AGI has grown to 50 Member Societies, reflecting approximately a quarter of a million geoscientists in the United States alone. Friends of Mineralogy is one of the affiliated members of the AGI.

The American Geosciences Institute (AGI) is pleased to announce Dr. Wayne D. Pennington as its new President. He will be inducted at the Geological Society of America Annual Meeting in Minneapolis, Minnesota. Pennington, currently chair of the Department of Geological and Mining Engineering and Sciences at Michigan Technological University, received degrees in Geophysics and Geology from Princeton University (B.A. in 1972), Cornell University (M.S. in 1976), and the University of Wisconsin-Madison (Ph.D. in 1979). He has been a professor of geophysical engineering at Michigan Tech since 1994, and became department chair in 2003. Prior to that he was a research associate at Marathon Oil (1985-1994) and an assistant professor at University of Texas at Austin (1979-1985). He has held numerous civil society positions during his career, most recently being a Jefferson Science Fellow at the U.S. Department of State and USAID, the Agency for International Development (2009-2010), the Chair of the AGU Board of Heads and Chairs of Earth and Space Science Departments (2008 -2010), and the Society of Exploration Geophysicists First Vice President (2002-2003).

Harrison H. Schmitt has been named the 30th recipient of the Medal in honor of Ian Campbell for Superlative Service to the Geosciences. Schmitt was presented this prestigious award at the Geological Society of America Presidential Address Ceremony in Minneapolis, Minnesota, on October 9, 2011.

Dr. Schmitt received his B.S. from the California Institute of Technology in 1957; Ian Campbell was his faculty advisor during his undergraduate years at Cal Tech. Dr. Schmitt received his Ph.D. in geology from Harvard University in 1964. Among his associations are being an honorary fellow in both the Geological Society of America and the Geological Society of London, a fellow in the American Geophysical Union, a fellow in the American Association for the Advancement of Science, a fellow in the American Institute of Aeronautics and Astronautics, and a fellow in the American Association of Petroleum Geologists.

His work experience includes being project chief for lunar field geological methods for the U.S. Geological Survey's Astrogeology Center at Flagstaff, Arizona. He was selected as a scientist-astronaut by NASA in June 1965. He was instrumental in providing Apollo flight crews with detailed instruction in lunar navigation, field geology, and feature recognition and in December 1972 was the lunar module pilot for Apollo 17. He ultimately logged 301 hours and 51 minutes in space and over 1600 total piloting hours while at NASA. In August of 1975, Dr. Schmitt resigned from NASA to run for U.S. Senator for his home state of New Mexico; he won and served for one term. For years he has served as Adjunct Professor at the University of Wisconsin. He was the inaugural winner of the 2010 Columbia Medal for Earth & Space from the American Society of Civil Engineers. He chaired the NASA Advisory Council from 2005 to 2008. He is also a previous recipient of the AASG Pick & Gavel Award given in support of his activities in the Washington/federal arena.

AMERICAN GEOSCIENCES INSTITUTE SEEKS LOBBY HELP

The following letter was recently forwarded from the AGI seeking support in the effort to lobby Congress for funding for the geosciences:

Dear Geosciences Community

The American Geosciences Institute Government Affairs Program (AGI-GAP) is contacting you to request support for geosciences R&D and geosciences education at the federal level. If you support federal investments in the geosciences, please help now by communicating your support to congressional members within the next few days.

Please contact the DC office of your Senators and Representative and request support for federal science agencies in the fiscal year 2012 budget process. Please call the DC office and ask to speak with the staffer who handles appropriations for science, energy and/or interior/environment. Please get the full name of the staffer and if you cannot speak with them directly, please leave a message. Please follow-up with an email to the staffer (typical email format – for House: firstname.lastname AT mail.house.gov and for Senate: firstname_lastname AT senatorlastname.senate.gov).

Contact AGI-GAP if you need information about a congressional office or staffer.

AGI supports the following funding levels for fiscal year 2012 for major federal science agencies or programs: NSF - \$7.767 billion, USGS - \$1.2 billion, NASA-Earth Sciences - \$1.8 billion, DOE-OS - \$5.4 billion, and NOAA - \$5.5 billion ([see one-page PDF](#)). Most of these levels are the same as the President's budget request in February 2011, with the exception that the USGS budget level is about \$82 million higher than the request. All of the current House and Senate funding levels are lower, but none of these levels are final as Congress has passed a continuing resolution (CR) until November 18. Another CR is likely through December and possibly into 2012 as Congress awaits the deficit cutting recommendations (due on Nov 23) of the Joint Select Committee on Federal Deficit Reduction ("supercommittee") and other actions.

Congress needs to hear from constituents about funding priorities. Further reductions to geosciences R&D and geosciences education at the federal level are possible if the importance of these investments are not communicated to legislators now and in the coming months.

You can find more details about appropriations for geosciences at the [AGI-GAP FY2012 Appropriations Overview](#). Click on specific agencies at the top for more detailed tables and descriptions.

Legislators and staffers are under enormous pressure and stress regarding legislation to help the nation and reduce debt. They are working on many issues and have little time, so please try to be brief in your communications and speak to overall science agency budgets or major programs. As a constituent you should try to briefly relate the priority of federal geosciences funding to the importance for the state, district, your organization and/or your professional development.

Linda Rowan, AGI, [mailto:rowan@agiweb.org]

MIDWEST CHAPTER NEWS

Taken from chapter newsletters

MEMORIAL DONATION MADE

Motion was made and carried at the Bloomington meeting to donate \$500 in memory of deceased members Ernest Carlson, Vice President and Len Gritzer, Treasurer. Donation was made to the Midwest Federation of Mineralogical and Geological Societies Endowment Fund. The MWF acknowledged the donation and thanked us for it. Income from the fund is used for special projects and programs benefiting member clubs.

GENOA TRIP IS A BIG HIT

On Saturday August 13th, 30 FM members traveled to Genoa, one of Ohio's premier Celestine quarries. Fortunately, club members escaped the infernal inferno that we suffered through from July 11th through August 9th. The morning began with the check-in and safety talk. Graymont host Gary Elliot was excellently organized to handle a large check-in. He followed the check-in with an entertaining, thorough safety training talk. As our collectors traveled into the pit, they passed porta-potty and cooler full of iced down bottled water that Gary had set up. During our time in the pit, I detected a relaxed attitude amongst our collectors. Everyone was having a really good time which was more important than even what they collected. Specimens reported were white, bladed celestine, calcites with both rhombohedral and scalenohedral habits (some of the latter were doubly terminated), drusy quartz, sphalerite, and pyrite. If any FM member has a photo of nice specimens that he/she found at Graymont, please send them to our newsletter editor, John Blue. We all left healthy and happy, and appreciative that we could collect in one of Ohio's top quarries.

Reggie Rose, VP, Field Trips



PACIFIC NORTHWEST CHAPTER

Washington Pass Clean-up, August 12-14, 2011

About 20 people attended the clean-up this year, comprised of a balance of first-timers and regular attendees. Thanks to Wes Gannaway, who again coordinated the event. People started filtering in on Friday afternoon, but our core campsites were taken this year. This left us with a group of sites a bit further up on the same road.

On Saturday, we worked in Klipchuck campground, clearing brush, repairing stairs on the trail to the creek and in some of the campsites, leveling gravel in various areas and campsites, and moving a fire pit. This last turned out to be quite challenging, since the bars holding it in place had been welded during its original installation. Our primary social gathering was a fireside potluck on Saturday evening, and this included a birthday cake prepared by Betsy Hunter (who was not able to attend) to celebrate the birthday of one of the attendees.

Members spent a great deal of time collecting this year, with activities jammed into all three days. Nighttime collecting using UV lamps at the Silver Star road cut and below the highway occurred on both Friday and Saturday night, but were hampered by superbly clear and warm weather and an astoundingly bright full moon. The moon this year was so bright that flashlights were unnecessary in camp, and they rendered the UV lights less effective than they normally would be unless one possessed a very bright UV source. Collecting after the clean-up activities on Saturday began at the road cut and then proceeded up towards the pass, mainly centering on the area below the road. The best specimen that I saw collected was a nice orange Genthelvite found by Wolf Behrenbruch. On Sunday, a number of attendees climbed up to Liberty Bell, and spent the day collecting.



PNWFM 36th Symposium, Mineral Localities of Mexico

The Pacific Northwest Chapter's annual symposium was well attended this past October and participants enjoyed an excellent speaker program, fine mineral displays, well stocked dealers and a lively evening program.

Speakers: **Peter Megaw**

Terry Wallace

Thomas Moore

Dennis Beals



The Saturday evening banquet, awards presentations, and benefit auction were one of the highlights of the show. This year's Noble Witt Award, given for outstanding service to the goals of Friends of Mineralogy, was given to two very deserving members who have both given many years of selfless service to the PNWFM Chapter.

PNWFM 2011 Noble Witt Recipients receiving awards from President Robert Meyer:

Lorna Goebel



Karen Hinderman



In the Audience: (You know who you are)



Photos by Al Liebetrau

SOUTHERN CALIFORNIA CHAPTER

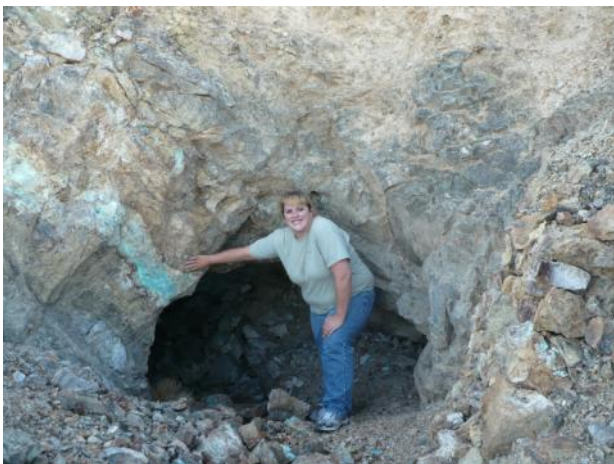
The Southern California held its "Minerals of the Mojave Desert Symposium on October 22-23. Speakers were to include Dr. Robert Housley, R. Fulton, Robert Reynolds, Joe Marty, and Dr. Tony Kampf. In addition there were organized field trips to the Blue Bell Mine, Otto Mountain, Halloran Turquoise District, and the Cady Mountains. Photos from the event provided by Bob Reynolds.



CSU Fullerton Desert Studies Center



Lunch on one of the center's patios



Entrance to the Bluebell Mine



San Bernadino Valley College students
ascend the slope to the Bluebell

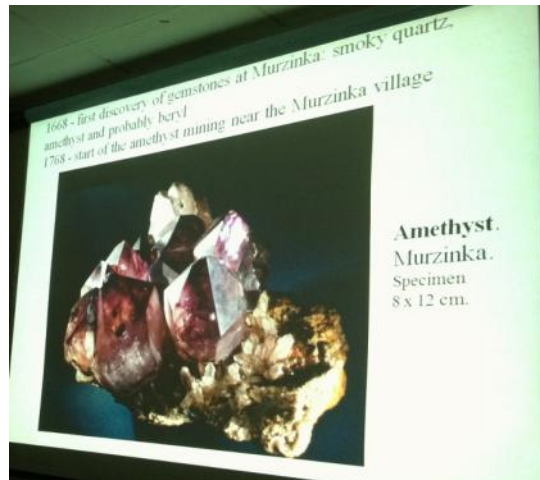


Native American, Palestinian, and Hispanic students from San Bernadino Valley College collecting turquoise near historic Tiffany's Toltec Mine in The Halloran Hills, east of Baker, California.

COLORADO CHAPTER NEWS



Coffee break gathering at the symposium.



Murzinka amethyst
one of Igor Pekov's slides at his symposium talk.

The Colorado Chapter's biggest event of the year was sponsorship of a Symposium on Minerals of Russia, held on September 10, the Saturday before the Denver Show. About 50 people attended the symposium, held at the Green Center on the Colorado School of Mines campus. The nine presentations included talks about Russia by visiting mineralogists from Moscow Igor Pekov and Anna Turchkova, as well Jolyon Ralph whose trip to give talks at the symposium and the Denver Show was cosponsored by Colorado FM. The Russians' visit to Denver was organized by John Watson of Fallbrook, CA, for the Southern California Natural History Associates. Pekov and Turchkova gave talks at the symposium on "Classic Russian Mineral Localities", "Localities of the Kola Peninsula", and "Unique Iodide Mineralization at the Rubtsovskoe Deposit", as well as talks at the Denver Show. Jolyon's talk at the symposium was on "Mineral Museums of Moscow", a complement to his Saturday evening talk at the Denver Show, "Mineral Museums of St. Petersburg".

In addition to the symposium, FM-Colorado Chapter organized its usual Free Mineral Identification booth at the Denver Show.

Copies of the 14-page Symposium on Minerals of Russia abstracts and program booklet are still available and can be ordered from FMCC for \$5 + \$2.50 mailing cost; order from FMCC, P.O. Box 5276, Golden CO 80401.



A post-symposium field trip for the symposium visitors;
FM member Ray Berry with Claudia Watson, Jolyon Ralph, John Watson,
Igor Pekov, Anna Turchkova, at Joseph Dorris' Smoky Hawk claim in the
Crystal Peak area.

The 33rd Tucson Mineralogical Symposium sponsored by the Friends of Mineralogy, the Tucson Gem and Mineral Society and the Mineralogical Society of America will be held on Saturday, February 11, 2012 at the Tucson Convention Center. Admission is free and everyone is welcome. *Minerals of Arizona* is the theme of the 2012 Tucson Show and the subject of the symposium. Arizona became a state in 1912 and statewide celebrations of the Centennial are planned in 2012. The Tucson Show theme and the symposium are a part of this anniversary celebration.

**33rd Annual FM-TGMS-MSA
Mineralogical Symposium
The Minerals of Arizona**
10 am to 4 PM Saturday February 11, 2012
Crystal Ballroom, Tucson Convention Center

Program

- | | |
|-----------------|--|
| 10:00 - 10:10 - | Welcoming Remarks and Introductions – Symposium co-chairs, Julian Gray and Raymond Grant |
| 10:10 – 10:30 – | The Mineralogy of Arizona: Past, Present, and Future - Marcus Origlieri and Raymond Grant |
| 10:30 – 11:00 - | History and Development of Mining in Arizona before Statehood (1912) – Jim McGlasson |
| 11:00 – 11:30 - | How Minerals from Bisbee helped Arizona gain Statehood – Richard Graeme |
| 11:30 – 12:00 - | Gemstones of Arizona – Wolfgang Mueller |
| 12:00 – 1:30 - | Lunch Break |
| 1:30 – 2:00 – | Mines and Minerals of the Amole District, Tucson Mountains, Pima County, Arizona – Anna Domitrovic |
| 2:00 – 2:30 – | Tombstone...The Town too Tough to Die...Shady Ladies, Shoot-outs and Tellurium Minerals– Peter Megaw |
| 2:30 – 3:00 – | 150 years of mining, 100 years of Statehood, 50 years collecting Arizona- Les Presmyk |
| 3:30 – 4:00 - | Arizona Gold – Erik Melchiorre |
-



ARIZONA

Wulfenite
Red Cloud Mine
Yuma Co., Arizona
2cm
collected by George Godas 4/79
to John Lindell 2/8/84



32nd Annual New Mexico Mineral Symposium

and

3rd Mining Artifact Collectors Association Symposium

12-13 November 2011
Macey Center, New Mexico Tech
Socorro, New Mexico

Co-sponsored by Friends of Mineralogy

For information:
575-835-5140
<http://geoinfo.nmt.edu/museum/>

J.Scovil
Malachite ps. Lignite
Hansonburg, NM

Out takes from the October Pacific Northwest Friends of Mineralogy Symposium



Alfredo Petrov
photo by Mark Mauthner



Caleb Simkoff and Dennis Beals
Photo from Facebook

FM AFFILIATES



The Friends of Mineralogy is a long-time affiliate of *The Mineralogical Record* magazine. The magazine was founded in 1970 by John White, who was at that time a curator in the Mineral Sciences Department of the Smithsonian Institution. With the initial help of a financial backer, Arthur Montgomery, White succeeded in launching and bootstrapping the fledgling publication to the point where it was marginally self-sustaining. After seven years as editor and publisher, White stepped aside for a new Editor, Wendell Wilson. Since then the *Mineralogical Record* has grown steadily in size, quality and prominence, thanks to the contributions of over 700 authors, photographers, artists, advertisers and donors. It has become a collective labor of love on the part of the entire mineralogical community worldwide. It is the only journal to have a new mineral species named in its honor (minrecordite), and it is the only journal to have received the Carnegie Mineralogical Award. Subscriptions, back issues, books and a variety of free databases are available online at www.MineralogicalRecord.com.

For Everyone Interested in Minerals, Rocks & Fossils
www.rocksandminerals.org



MINERALOGICAL SOCIETY OF AMERICA

If you are interested in earth, planetary, industrial, or biologic minerals or mineral-like materials, you may want to learn about the Mineralogical Society of America



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