

THE ROCKHOUND RECORD

Vol. 71, Issue 7

Newsletter for the Mineralogical Society of Arizona, September 2005

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BOARD OF GOVERNORS

Lynne Dyer
Terry Dyer
Bob Holm
WR Russ

EDUCATION AND OUTREACH

Membership
In Progress

September Program

Friday, September 9, 2005
7:00 p.m.

Arizona Mining and Mineral Museum

Our speaker will be Jerry Cook, one of our members, who will present a program on Earthquakes.

New Newsletter Editor

Just a reminder that I am now the newsletter editor for the Rockhound Record. You are welcome to submit newsletter items to me via e-mail at chimes@extremezone.com. I will welcome your input. If you have any questions, please do not hesitate to contact me via e-mail or by phone.

Deadline for submissions will continue to be the 25th of the month previous to the meeting.

Let's all express a big "Thank-You" to Deanna Smith for doing a great job as newsletter editor these past few years.

Thanks,
Lois

President's Message

Can you believe it? Another summer is thankfully on its way into 2005 history, and we survived. I realize we still have at least a month of heat to yet survive, but the worst is over. Now we can look forward to the truly delightful Fall and Winter here in the Valley.

That also means it's time for the MSA to start up after the summer hiatus. I'm sure all of you have great stories of those precious keepers you found on that last field trip into the high country. I hope you'll bring in a few of those beauties for us to drool over.

We have Family Day at the Museum in October to look forward to. The club will have a table, which will give us an opportunity to tell others about ourselves, and to let people know about the January club show. The show is not that far away, and I'm sure Gilbert or WR will give us an update.

I hope to see all of you Sept 9th, 7 p.m., at the museum. Welcome back!

Shirley Fiske

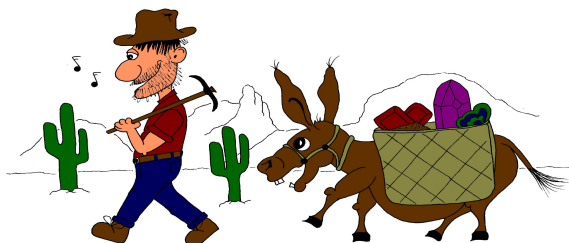
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Secretary - Lois Splendoria
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**Meeting Minutes
Board of Governors
March 11, 2005
by Lois Splendoria**

The meeting was called to order by president Shirley Fiske at 9:30 p.m. In attendance were Sally Fiske, Bob Holm, W. R. Russ, Lynne Dyer, Terry Dyer, Gilbert Flores, and Lois Splendoria. The purpose of this meeting was to discuss the budget for 2005.

WR Russ presented a check to the MSA for the 2005 show.

Sally Fiske presented the Statement of Income and Expense for the 2004 fiscal year and a Statement of Income and Expense for the 2005 show. Sally asked Gilbert to get the receipt from Paul Flores.

Discussion followed on the price of the bulletin production and possible solutions. Sally and Shirley suggested that those with suggestions should speak to Deanna Smith. WR Russ suggested the copy services at the UPS stores, which is 4 cents per copy if you buy a 500-copy card for \$20.

The group discussed various ways to reduce expenses. Seventy-five dollars (\$75) was spent in 2003 to renew the club's web site domain name for 3 years.

Following are some various categories for the 2005 year:

- Education and Outreach Fund (replaces the Scholarship Fund)
It was pointed out that the money from the raffle minerals needs to be included.
- Rocky Mountain Federation
- Meetings
- Show Expenses
- Door Prizes
- 2006 Flagg Show

Investment Opportunities

One of our Certificates of Deposits is due on March 12. Sally summarized what the investment possibilities were. Gilbert said that Paul Flores had recommended that Mike Anastos, of Farmers Insurance, be invited to address the board on this subject.

Gilbert moved that we consolidate the CD funds into a single account until we determine how to invest them; seconded by Bob Holm and passed. The group discussed having Mike Anastos come to meet with us. Shirley pointed out that Mike needs to understand that we may not be making a commitment.

After some discussion, Friday, April 29, 2005, at 7:00 p.m. was identified as a tentative date for Mike Anastos to address the board on investment possibilities.

Since there was no more business, it was moved, seconded, and passed to adjourn.

**Meeting Minutes
Board of Governors
May 10, 2005
by Lois Splendoria**

The meeting was called to order by president Shirley Fiske at approximately 7:30 p.m. at Bishop's Cafeteria. In attendance were Sally Fiske, Bob Holm, WR Russ, Lynne Dyer, Terry Dyer, Gilbert Flores, and Lois Splendoria.

Rocky Mountain Federation Show

An announcement will be made at the general meeting on May 13 to ask if anyone is interested in attending.

Museum Family Day in October of 2005

Shirley asked Lynne Dyer to look into the price of the rainbow crystals for the October Family Day at the Museum.

Annual Show

WR Russ reported that he has been meeting with the City of Tempe. Tempe Diablo Stadium is being remodeled, and the parking lot west of the stadium will be closed. The sidewalk will also be unavailable. There are some negotiations going on with the City of Tempe about being able to use the Motorola parking lot. WR said that Tempe Diablo Stadium is owned by the California Angels.

WR distributed a sheet which outlined the benefits of having a four-day show (Jan. 12 through 15) in 2006. He said that the Tempe schools cannot come to the show on Friday this year because they have an early dismissal on Friday, Jan. 13, 2006. Thursday, Jan. 12, from 9:00 a.m. to 3:00 p.m. would be set aside to accommodate for schools that cannot come on Friday, Jan. 13. This would necessitate the display cases being set up on Wednesday, Jan. 11.

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General Meeting Minutes
May 13, 2005
by Lois Splendoria

WR said he is going to put the four-day format in place even if the club does not wish to participate. He also said he is going to have billboard coverage for this year's show.

The board discussed what would be required from the club to have a presence at the show on Thursday, in addition to the rest of the weekend. Gilbert said there will only be three stations this year: an information booth and two wheels. There may only be a 25 cent wheel on Thursday. It was pointed out that the other issue is the amount of material that is needed to run the wheels for four days.

Lynne Dyer pointed out that many of the students asked what the minerals on the wheels were. Gilbert suggested labeling everything this year.

No specific commitment date has been set for the MSA for this decision. Shirley said she was concerned about the number of people that would be needed for four days.

Investment Opportunities

One of the purposes of this meeting was to hear a presentation by Mike Anastos, of one of the Farmers Insurance district offices, regarding investment opportunities. He was not able to attend. Gilbert briefly reviewed the handout he had mailed to the board members before the meeting.

Discussion followed about investing the club's funds. Shirley asked if the club is any different than an individual investor. It was pointed out that the gain from investments has to be reported on the balance statement to the Arizona Corporation Commission. Shirley asked Gilbert what the difference on return would be for a no-load investment. She said she would be much more comfortable using the club's money in a more conservative way, thus leaving the bigger amount of money in an account that would bear interest, and having another account to write checks for operating funds. The board concurred that it would be best to pursue the idea of two different accounts. Lynne Dyer suggested having a money market account for most of the funds. Terry Dyer moved that Sally Fiske invest in a money market account or secure account that is most beneficial for the club's use, and place the remaining balance in the general checking account; seconded by Bob Holm and passed unanimously.

Since there was no more business, it was moved, seconded, and passed to adjourn.

President Shirley Fiske called the meeting to order. Gilbert welcomed three visitors, two of whom were guests of Tom and Gerry Horton's from Canada. Shirley thanked Andrew Greess and his son for bringing the cookies tonight.

Field Trips – Tom Horton made an announcement about the May 21 field trip to Payson, Arizona. Gilbert said he hoping to take the club to the Fat Jack Mine sometime in the future. Tentative date is June or July. There were some questions about the Morenci Mine trip, but Gilbert said this is just a mine tour trip. We cannot collect there. Southwest Minerals is the company that owns the Morenci Mine now. Liz Anderson said she went on the mine tour about six weeks ago, and there was nothing to collect. There was some discussion about other possible places to collect.

Treasurer's Report – Sally presented the report. Shirley explained that there is more money in the checking account right now because some of our CD's came due recently.

Museum Report – Liz Anderson reported that 500 children visited the Museum this month. Doug Sawyer has retired and is working at Allied Waste Management. Susan Celestian is now the Acting Director for the Arizona Department of Mines and Mineral Resources. Ken Phillips and Ann Turney have also retired. Liz said that the Museum has been awarded three grants: \$5,000 from Qwest, \$10,000 from Phelps Doge, and \$3,000 from Arizona Public Service, which is for the Outreach Program. Shirley Fiske asked about the display boxes in the classroom, and Liz said this is a work in progress.

Show Report – Gilbert said the Arizona Rockfest is going to be a four-day show in 2006 to accommodate all of the school children who cannot come on Friday. The show dates are now January 12 through 15, 2006. He outlined the benefits of a four-day show and said there would be media benefits. On Thursday, Jan. 12, a minimum of six people will be needed, and nine people would be even better. Gilbert asked how many people would be in favor of a four-day show. Shirley explained that WR is going to have the show open on Thursday whether or not our club participates. She said setup day will be Wednesday, Jan. 11. Shirley emphasized the we are not committed for Jan. 12. She told the new people in the club that if they would like to help with the show, there will be people to assist them. Shirley asked the members to talk to Gilbert if they are interested.

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Announcements – Shirley said she was going to the La Mesa, California, show this weekend. The White Mountain Show in Lakeside, Arizona, will be held on May 28 and 29.

Program – Gilbert introduced Tom Horton, who presented a very interesting program entitled "The Mother Lode – A Tourist's Perspective," as a followup to his series of articles in the newsletter. Thank you, Tom!

After the program, the raffle was conducted and the meeting was adjourned.

**General Meeting Minutes
June 10, 2005
by Lois Splendoria**

President Shirley Fiske called the meeting to order. Betty welcomed three visitors, K. J. Warner, who joined our club tonight, Gary Angle, and Tish Hunter. Shirley thanked Bob Holm for bringing the cookies tonight.

Treasurer's Report – Sally presented the report.

Field Trips – Gilbert and Deanna announced the upcoming field trips. Deanna distributed the maps for the coalition trip led by the Payson Rimstones Club on June 25. The Fat Jack Mine trip sponsored by our club will be June 16.

Announcements – Shirley announced that Les Presmyk's nephew, Kenneth Schall, was killed in Iraq on May 22 and encouraged the members to extend their sympathy to him.

Show Report – Gilbert made an announcement about the 2006 show being a four-day show, January 12-15.

Museum Report – Liz Anderson reported that the remodeling of the classroom is being shuffled due to some other projects going on at the Museum. She said Sue Celestian is doing well performing the job of the Interim Director and her own job as Museum Curator. A new administrative assistant, who has seven years of experience with the State, was hired at the Museum.

Show and Tell – Gilbert had samples of pieces collected at the last field trip in Bagdad, Arizona. WR Russ showed some fluorescent minerals he had received from Bill Gardner, of the Purple Passion Mine. He also showed the group a light that was built by Bill Gardner.

Jim Kaufman, one of our members, showed some beautiful jewelry that he had made with black obsidian. He has a number of jewelry customers. Jim has a lapidary shop in his home. Everyone thanked Jim for bringing his jewelry to show to the club.

Program – Gilbert introduced Liz Anderson, who is a tour guide at the Museum. She took the club on an exciting tour of the Museum, including the A. L. Flagg Room, which is on the second floor and belongs to the Arizona Mineral and Mining Museum Foundation. She said the Museum received the Moon Rocks from Bruce Babbitt. Liz suggested two different treasure hunts—Patriotic Shapes, red, white, and blue minerals, and Twins, match the color of your clothes. The members participated in treasure hunts after the tour. Liz then read the answers to the questions on the sheets that were handed out before the tour. Andrew Greess' children both had 13 answers correct.

Liz told about how she came to work at the Museum, since she started out as a volunteer. She said every year the Museum has visitors that come to visit right after they get off their planes at Sky Harbor Airport.

After the tour, the raffle was held. Helen Roz won a raffled Vanadinite crystal with the flip of a coin. Afterward, everyone enjoyed visiting with each other and eating cookies.

**THANK YOU, LIZ,
FOR A GREAT PROGRAM!!!**

**ANNUAL SHOW
ARIZONA ROCKFEST**

January 12-15, 2006
Tempe Diablo Stadium
2200 West Alameda Dr.
Tempe, Arizona
FREE PARKING

Dealer Contact:
WR Russ

4515 E. Joan De Arc
Phoenix, AZ, 85032
602-923-7802
cell 602-684-7381

Hours: 9 a.m. to 5 p.m.

Admission:

\$5.00 - Adults

\$3.00 - Children ages 6 to 12

**Rockhounding in an Iraqi Combat Zone
(Rockhounding at its Extreme)**

PART 2 of ???

by Sergeant Yonis Lone Eagle

Howdy fellow "Hunters of Nature's Wonders." (Another name for Rockhounds) Well, it has been a very interesting first three months over here just outside Tikrit, Iraq. Located on the west bank of the Tigris river, Tikrit is located up along highway "1" northwest of Baghdad, about 1/3 the distance between Baghdad and Mosul. It is the hometown of the former dictator, Saddam Hussein. The population here is about 75,000.

The 32-bed hospital where I work is located on FOB (Forward Operation Base) Speicher (pronounced Spiker), one of the many U.S. military base camps here in Iraq. FOB Speicher is a former Iraqi Air Force base. It is located just northwest of the town of Tikrit. The barracks where we are living once housed the students of the Iraqi Air Force Academy. After the initial invasion, locals looted and ransacked the base stealing anything and everything that they could sell for money; light fixtures, sinks, air conditioners, toilets, heaters, motors, scrap metal, etc. If you could sell it for money, they took it. So when the U.S. forces returned to set up a FOB here, there was not much left to work with. About 80% of the buildings were in major disrepair with bullet holes, bomb damage, no electricity or running water. Our troops had their work cut out for them to make this place functional as well as livable. One of the first things they had to do was to clear out all the tons of unexploded ordnance in the area.

Now eighteen months later, there have been major improvements in certain areas while other area are slowly being worked on. While the military has taken care of most of the major elements; roads, electricity, dining facilities, gyms, and morale recreation centers, the sleeping areas have been left up to the individual units. Every battalion size unit is given \$25,000 a month to use for fixing, repairing and making the living and sleeping areas comfortable for the thousands of troops here. During the winter, the temperature drops to the upper 20's to low 30's. So the units bought heaters for the rooms. During the summer, with ground temperatures getting up around 130+ degrees, air conditioners were bought. To keep the troops entertained, satellite TV's were bought so they could watch their favorite sports and movies. We have a BX (Base Exchange) here on the FOB, along with Pizza Hut, Subway, Burger King, a Beauty Salon and Spa, Barber Shop, Alterations/Cleaners, a Photo Lab, a Bazaar and Gift Shop. Other facilities include a gym, three great dining facilities, a post theater, a recreation hall, and use of the old stadium. All the basics of a small military base.

With all the ongoing construction and troop movements, there is a very large amount of DUST created on all the back and side roads on the FOB. And here lately, its been the rainy season here in Iraq. From late January to early March, it rains every couple of days. So all the DUST turns to MUD. To combat this dust and mud problem, the US Army Corps of Engineers and KBR contractors have brought in TONS upon TONS upon TONS of well-tumbled river rock to cover the dirt roads and pathways around the FOB.

The day I arrived here at FOB Speicher, we had a briefing by our company commander on the local situation. One thing he said was that no one would be leaving the FOB. If I could not leave the FOB, how could I look for rocks? The FOB is very flat and desolate place. When I look around, all I see is lots of dust, sand and miscellaneous leaverite limestone. All the river rock I saw reminded me of the river rock back home in the Texas Hill Country along the Guadalupe River, basic limestone. Not until I noticed some color did I take a closer look. All the rocks were very dirty and dusty, so to lick or spit. Heck, I pulled out my canteen to rinse them off, and to my surprise, I had struck the "Mother Lode" of all collecting sites. What a place to have a field trip. And this brings us to the "Rock" portion of this report. But first a little background on the source of the rocks, the Tigris River.



The Tigris River from Tikrit, Iraq

The Tigris River starts her journey in the Taurus Mountains of southeast Turkey. It flows 1165 miles southeasterly into Iraq after briefly forming the extreme eastern portion of the border between Syria and Turkey. Once in Iraq, the Tigris zigzags slowly to the southeast, and its valley flattens and widens. There are at least five major tributaries that flow into the Tigris in Iraq. They are the Adhem, the Diyaleh, the Great Zab (Zab Ala), the Lesser Zab (Zab Asfal), and the Zakko or eastern Tigris. But only two of them, the Great Zab and the lesser Zab flow into the Tigris above Tikrit. As a result of these two major tributaries, and the melting snows from the Taurus Mountains in Turkey and the Elburz Mountains in far western Iran, the Tigris is more subject to major flooding than the Euphrates River. This produces a large amount of erosion from several locations, thus, the wide variety of rocks.

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To date, I have found and identified Igneous, Sedimentary and Metamorphic rocks to include different Agates, Conglomerates, Fossils, possibly Jade, Jaspers, Lavas, Limestone's, Petrified Woods, Quartzes and Quartzite's. They range in a very wide variety of colors, from blacks to grays to whites, from greens, yellows, oranges, reds, maroons, purples to combinations of two or more colors in unique and unusual patterns. Some of the unusual rocks I have found include Astronomy Rocks, Diseased Rocks and Finger Rocks. Some of the unique ones I have found went through tremendous Tectonic Forces to create the beautiful and colorful artistic designs in them.

With the question of where they came from, one would have to explore the rivers to the north, with southeastern Turkey, extreme western Iran or extreme northern Iraq to choose from. But due to the geography and geology of Iraq and the border areas, I strongly suspect that at least 90% of the rocks washed down from Turkey. The other 10% probably came from extreme northern Iraq with maybe a trace from extreme western Iran.

So far, I've collected well over fifty pounds that I could easily place into over a half dozen categories. I have to limit myself, because at this rate, I'll be one very overweight soldier returning home.

Back on the 18th of January, I found my first fossil near the helipad of our hospital, multiple "Gastropods" in a dark gray matrix. I took a S.W.A.G., (Scientific Wild Ass Guess) as to how old it is and I'm guessing about 150 million years old. And then on the 4th of February I found my second fossil, some "Fusulinids" in a tan matrix of different shapes and sizes. They range in size from about 1/16 of an inch to about 1/4 of an inch. Some long and skinny, some short and fat. Being an index fossil, they are at least 245 million years old. Being well formed, I suspect they are around 275 million years old. And then recently, on the 2nd of March, I found a baby Trilobite in a light tan matrix. It is 3/4 of an inch long and a shape I have never seen before. With an average of one fossil per month and their scarcity, they must have traveled a very long distance.

Over these last three months, I've picked up several nicknames from my fellow soldiers, including "Sergeant Rock Pockets" because the pants we wear have large cargo pockets on the sides and that's where I carry my rocks. I'm also called the Rock Man, the Rock Doctor, Sergeant Rock, and probably my favorite, the Rock Warrior because if we are ever attacked, I've got plenty of rocks in my pockets to throw at the enemy.

So far, there are about a dozen other soldiers who have gotten "hooked" on collecting the many different rocks around the FOB here. I guess they saw me with my head down looking at the ground and picking up some rocks. When they asked me what the heck I was doing, I explained to them. So now, almost no day goes by without someone stopping by to ask me about a rock they found. But to all Rockhound Cheechako's, one must explain the difference between keeperites and leaverites.

Well folks, until next time... Happy Hunting and Safe Collecting.

And by the way, for y'all folks who are wondering what the heck are Astronomy Rocks, Diseased Rocks and Finger Rocks are... Well, I have to have something to write about in my next report. And I will also be reporting on my trip down to the Persian Gulf country of Qatar and the rocks and fossil I found down there - Yonis.

*Reprinted from the May 2005
Rocky Mountain Federation News*

Headlines That Make You Go HmMMMM . . .

- Police Begin Campaign To Run Down Jaywalkers
- Safety Experts Say School Bus Passengers Should Be Belted
- Drunk Gets Nine Months In Violin Case
- British Left Waffles On Falkland Islands
- Teachers Strike Idle Kids
- Stolen Painting Found By Tree
- War Dims Hope For Peace
- Deer Kill 17,000
- Man Struck By Lightning Faces Battery Charge
- Kids Make Nutritious Snacks
- Chef Throws His Heart Into Helping Feed Needy

*Contributed by John McLaughlin
from the Internet*

ANNUAL FALL FAMILY DAY

presented by the Arizona Mining and Mineral Museum
and the Arizona Mineral and Mining Museum Foundation

Saturday - October 15, 2005 - 10 a.m. to 4 p.m.
Arizona Mining and Mineral Museum
1502 West Washington Street - Phoenix, AZ 85007

DISCOVER THE TREASURE
EVENTS & ACTIVITIES & DEMONSTRATIONS

bring the family for a grand day of family fun

panning and prospecting for gold on Washington Street

Free! Rock and Mineral Identification

Free! crafts for kids to make:

pet rocks, jewelry, rock id cards

extraordinary demonstrations: lapidary art, wire wrapping, carvers
choice deals from CHOICE MINERAL DEALERS

special sales ~ gift shop closeouts [Rock bottom prices]
Buy a geode ~ have it cracked open *free*

Bring a camera
take pictures of the
outdoor exhibits

Include yourself in our 12'3" high, five ton truck tire !
Not big enough? Try our 100,000
pound bucket scoop. Still not big enough? There's always our life-size
mural of a 23 foot high Komatsu
mining truck!

**The Museum would be *delighted* if some of our members
would volunteer to help them for all or part of the day.**

Please call:

**Susan Celestian at (602) 255-3791, Ext. 10
to let her know if you are available for a few hours**

MUSEUM NEWS

Press Release - August 9, 2005

Dr. Madan M. Singh Appointed Director

Dr. Madan M. Singh was appointed Director of the Department of Mines and Mineral Resources by the Board of Governors on July 18. Governor Napolitano approved his appointment August 1.

Singh has a Ph.D. in mining engineering and is a registered Professional Engineer in Arizona. His research interests and areas of expertise encompass aspects of mining, geotechnical engineering, tunneling, subsidence, environmental studies, and other related fields.

In 1975 Singh founded Engineers International and developed it from a one-man operation to a company with a staff of over 50.

He has authored over 100 technical papers, in addition to serving as chapter author on mine subsidence in the SME *Mining Engineering Handbook* and *Mining Environmental Handbook*. He has chaired several symposia and lectured extensively.

Singh has been involved with a variety of professional organizations, including National Director of the American Consulting Engineers Council, President of the Consulting Engineers Council of Illinois, member of the Board of Directors of the Society for Mining, Metallurgy, and Exploration, Inc., (SME), Chair of the SME Coal Division, and Chair of the American Society for Testing and Materials subcommittee on rock strength.

"I am honored to be selected as Director of the Department," Singh said of his appointment, "We hope to serve as a catalyst to enhance the contribution of the mineral industry to the State."

In 1996 Singh was named a Centennial Fellow by the College of Earth and Mineral Sciences and was honored with the Robert Stefanko Distinguished Achievement Award by the Department of Energy and Geoenvironmental Engineering in 1999. He won the Howard N. Eavenson Award of SME in 2000 and was selected as a Distinguished Member in 2004.

Singh has served on two committees related to coal for the National Research Council of the National Academies, as well as on the U.S. National Committee for Rock Mechanics, and the U.S. National Committee on Tunneling Technology.

The Department is honored to have such a respected member of the mining community become Director. Dr. Singh's academic credentials, prestigious standing, and administrative abilities make him a valued asset for ADMMR.



Dr. Madan M. Singh
New Director
Arizona State Department of
Mines and Mineral Resources

Minerals Puns

Men's running trunks out of SiO₂ are . . .
Quartz Shorts

Of course, if you were fortunate enough to find a fossilized fly larva, preserved in banded cryptocrystalline quartz, you would have an . . .
Agate Maggot

If a rockhunter extracting emeralds got caught in a cave-in, he/she . . .
would be in beryl peril.

How gneiss.

Don't take anything for granite.

I had a beautiful quartz specimen with acicular yellow inclusions, but unfortunately I dropped it and it cracked. Now I have mutilated rutilated.

*Contributed by John McLaughlin
from the Internet*

Upcoming Arizona Shows

Sept. 30 - Oct. 1, 2, 2005 - Prescott

Prescott Gem & Mineral Show

Yavapai County Fair Grounds, Coors Event Building, Prescott, AZ, 86314

Sponsored by: Prescott Gem & Mineral Club

Hours: 10:00 a.m. to 5:00 p.m. Fri. & Sat. 10:00

4:00 p.m. Sunday

Admission: \$2.00, under 12 free with adult

Parking: Free

Show Chairperson: Larry Jackson, P. O. Box 345, Chino Valley, AZ, 86323, 928-636-9188

October 8, 9, 2005 - Payson

Payson Rimstones 2004 Gem & Mineral Show

Tonto Apache Recreation Center, Milepost 251 & Hwy. 87, Payson, AZ

Sponsored by: Payson Rimstones Gem & Mineral Club

Hours: Sat. 9:00 a.m. to 5:00 p.m., Sun. 9:00 a.m. to 4:00 p.m.

Admission: \$3.00, children under 12 free

Parking: Free

Show Chairperson: Bruce Berman, 406 E. Phoenix St., Payson, AZ 85541, 928-468-9532

October 8-10, 2005 - Bisbee

Bisbee Gem & Mineral Show

Bisbee Chamber of Commerce, 520-432-5421 or 877-424-7234

chamber@bisbearizona.com

www.bisbearizona.com

October 15, 2005 - Phoenix

Family Day at the Museum & Arizona Mineral & Mining Museum Foundation Sale

Arizona Mining & Mineral Museum, 1502 W. Washington, Phoenix, AZ, 85007

Hours: Sat. 10:00 a.m. to 4:00 p.m.

Demonstrations and activities for children.

Admission and parking: Free

October 15, 2005 - Sedona

Sedona Gem & Mineral Club Annual Local Rock Sale

Posse Ground Park, (open air) SR 89A Posse Grounds Rd, Sedona, AZ, 86336

Sponsored by: Sedona Gem & Mineral Club

www.sedonagemandmineral.org

Hours: 9:00 a.m. to 5:00 p.m.

Dealers Contact: Pat McMahon, 3550 E. El Paso, Cottonwood, AZ, 86326, 928-634-2404

October 15, 16, 2005 - Sierra Vista

A Rock Rustler's Dream

Elks Club 1 Elks Way, Sierra Vista, AZ, 85635

Sponsored by: Various businesses in area of Huachuca Mineral & Gem Club

Hours: Sat. 9:00 to 5:00 p.m., Sun. 9:00 a.m. to 4:00 p.m.

Show Chairperson: Larry Nelson, 6932 E. Conestoga Tr., Sierra Vista, 85635

Dealers Contact: Bill Jaeger, 3441 E. Astro St., Hereford, AZ, 85615, 520-803-6590

E-mail: mikea@theblueopal.com

For more show listings, visit <http://www.admmr.state.az.us/showlst.htm>

LOIS SPLENDORIA
3225 EAST BASELINE ROAD
APT. 1077
GILBERT, AZ 85234-2680

Address Correction Requested

www.azminerals.com



P. O. Box 39235
Phoenix, AZ, 85069

Mineralogical Society of Arizona
Founded 1935
A Non Profit Organization

Purpose: To promote popular interest in the various Earth Sciences, and particularly the fields of Geology, Lapidary, Mineralogy, and related subjects. Adult members are requested to wear **ID badges**, which are available from the Treasurer, to receive door prize tickets.

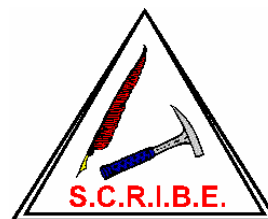
Meetings: 7:00 p.m. at the Arizona Mining and Mineral Museum, 1502 W. Washington, Phoenix, AZ, on the second Friday of the month, September through June (except February, which is the third Friday).

Dues: Families & Couples - \$20.00, Single Adults - \$12.00, Juniors (18 yrs. and under) - \$2.50. Please mail your dues to Sally Fiske, 42011 N. Astoria Way, Anthem, AZ, 85086.

Newsletter: Reprinting permission granted with proper credit given.

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UPCOMING MEETINGS	
Friday	Sept. 9, 2005
Friday	Oct. 14, 2005
Friday	Nov. 11, 2005



Rocky Mountain Federation
of Mineralogical Societies

American Federation
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