

Sedona Red Rocking News

Sedona Gem and Mineral Club
P.O. Box 3284, Sedona, AZ 86340
sedonagemandmineral.org

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March 2007
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MEMBER AMERICAN FEDERATION OF
MINERALOGICAL SOCIETIES

MEMBER ROCKY MOUNTAIN
FEDERATION OF MINERAL SOCIETIES

March General Meeting is Tuesday, 7:00 pm, March 20, at the Sedona Library off of Dry Creek Road in West Sedona. Guests are welcome. The Board of Directors meets at 5:00 pm the day before the General Meeting, also at the library. Any members are welcome to attend and participate in input.

Moon Rocks, "Great Rocks", and Meteorites

Dr. Carleton Moore, founding director of the Center for Meteorite Studies at Arizona State University will be the guest speaker at our next meeting on March 20th. Dr. Moore is currently Regents' Professor Emeritus of Chemistry and Geology at ASU. He was chosen by NASA to analyze over 200 Apollo mission lunar samples and will talk about what he learned from these moon rocks. In addition Dr. Moore will talk about some of the other "great rocks" he has known. But it's the meteorites that will take up a good part of his presentation. Club members will want to pay special attention because they will see many of these meteorites when they go on the field trip to the Center for Meteorite Studies next month.

Dr. Moore has written over 200 published papers on meteorites, lunar samples and analytical chemistry. He has authored several books, one of which, Principles of Geochemistry, has been translated into several foreign languages. He edited the Meteoritical Society's journal, Meteoritics, for 20 years and served a term as president.

Carleton Moore and his wife, Diane, have recently joined our Gem and Mineral Club. This is especially meaningful because many years ago he worked with Harvey Nininger who is known as the "father of meteoritic science". Dr. Nininger and his wife Addie were also members of our Club and their daughter, Doris Banks, is currently a member.

We look forward to Dr. Moore's presentation.

The Cookie Break

will be presided over by our Refreshment Committee of Judy Feldman and Marge Schwartz. They turned in a sterling performance last month. Tea and coffee makings

plus plates of cookies, which were provided by Shelly Petluck, Janet Walters, and Marie DePaepe, appeared nicely displayed on the side table.

This month, the cookies will be provided by Doris Banks, Elaine Marstad, and Rose Marie Licher.

While you're munching cookies, you can squeeze out a little more time for looking at the displays that members have brought in and placed on side tables.

Remembrance Report

Sadly, expressions of sympathy predominate our remembrances this month. Our heartfelt sympathy was sent to Nancy Bihler twice recently with the loss of her beloved mother, Ethel Woodruff, and the loss of her husband, Fred Bihler. Our thoughts continue to be with Nancy.

Most recently, we have learned of the death of Sam Ward on February 19th and our sincere sympathy goes out to Janet Collins. Sam was a long time, active member of the Sedona Gem & Mineral Club since 1996 and was also a member of the Mingus Gem and Mineral Club. He contributed much to both clubs and shared with us his knowledge of and passion for jade. He will be deeply missed.

Well wishes were sent to Judy Feldman, our refreshment gal, following knee surgery. A card was also sent to Jack Coombs, our club historian for years, now residing in Indiana. Jack faces upcoming surgery on a heart valve.

Call or email Bernice Brown if you know of anyone needing remembrance:

282-4921 or beeline@commspeed.net

Executive Board Meeting - Minutes for Feb. 19, 2007

President Kelly Quester presiding.

Excerpts from Secretary Janet Walter's complete minutes by Newsletter Editor Marge Herkenham, for newsletter.

Complete minutes can be viewed at the General Meeting if desired, copy at front desk.

WEBSITE: The Board unanimously approved a yearly payment of \$100 to Webmaster, Patti Polk, for her considerable efforts in maintaining the Club's website.

MINUTES: The Board approved the current format for Board and General Meeting minutes. Marge was given authority to edit the minutes for the Newsletter to minimize duplication of entries from both reports.

MEMBERSHIP: Approximately 50% of 165 members have renewed their membership as of Feb. 19.

PROGRAMS: Suggestions are needed for October 9 and November 20 General Meeting programs. Linda Yee reported that \$50 is considered a reasonable stipend for speakers in Arizona according to Debbie Leschner, AZ representative to Rocky Mtn. Federation.

FIELD TRIPS: Linda Yee reported on plans for April trip to Center for Meteorite Studies. **Look at Field Trip article (pages 3 & 4)** for details. **Also details on Coalition trip** to collect petrified wood.

Initial possible plans were considered for a Field Trip Committee to plan a field trip schedule to contribute to diversification in types and localities of field trips. Also, the possibility of looking for an assistant to Steve Kluck for his excellent field trips, to lessen his load, was discussed.

GEM AND MINERAL SHOW - OCTOBER 27 and 28: Linda Yee, Pat McMahan, and Kelly Quester presented details of their planning progress for our Show. **Check Gem & Mineral Show article (page 5) for details.**

SCHOLARSHIP: Guest Mary Jane Cooke reviewed the requirements for the \$1000 scholarship at the high school. She encouraged Board members to attend the Awards Program at the high

school as the secondary benefits of the scholarship include realizing a club goal of giving back to the community and obtaining goodwill publicity for the Club.

RAFFLE ITEMS:

Pat reported the successful purchase of approximately 200 future raffle items at the Tucson Show.

Members' donations of additional raffle items will still be encouraged at General Meetings.

Minutes of General Meeting of Feb. 20, 2007

Excerpted from Secretary Janet Walter's complete minutes by Marge Herkenham for newsletter.

President Kelly Quester began the business meeting at 7pm. Approximately 70 members and 11 guests were present.

BUSINESS MEETING TOPICS

- Members were gently reminded to renew memberships with an admonition of "no dues, no cookies." Approximately 50% of the 165 members need to pay dues. Eight new members joined during the evening.
- Treasurer Ray Cooke reported on our financial picture, which is excellent. A detailed report was available for members to review.
- Remembrance Committee Chairperson, Bernice Brown, reported that Nancy Bihler has endured another shock as her husband Fred died suddenly on Feb 19. Nancy's mother, Ethel Woodruff, passed away in January. Our thoughts and prayers are with Nancy and her family.

Bernice also noted that well wishes have been sent to Sam Ward, Walter Emerdinger and Judy Feldman.
- The Club's website, <sedonagemandmineral.org>, maintained by Patti Polk, is a good venue for communicating club members' expertise and interests. Check it out. Members are encouraged to contribute information for member pages.
- A volunteer to fill the position of General Meeting Greeter is still needed.
- Education Co-chairperson Vivian Hilker circulated a signup sheet for members to note interest in several member-led classes. Members can also submit a survey form on their interests and the types of classes they can lead.
- Information on upcoming field trips was given. See separate Field Trip Article on pages 3 & 4.
- Also, information on reserving booths at the Sedona Gem and Mineral Show was detailed. See separate Gem & Mineral Show article on page 5.

GUEST SPEAKERS

Debbie Leschner outlined her activities as the Arizona representative to the Rocky Mountain Federation of Mineralogical Societies. She discussed upcoming Federation meetings and how the Federation supports clubs and individual members.

Ernie Leschner talked about his experiences in gold prospecting and as an owner of a turquoise mine in the Tucson area. He also compared membership benefits of several nationwide gold prospecting clubs. More information on the Leschners can be found in the Club's February newsletter.

RAFFLE

There were really excellent specimens presented for the raffle, augmented by the distribution of 12 raffle items purchased at the recent Tucson Show. Lots and lots of raffle tickets were sold in anticipation.

President Kelly Quester closed the meeting, with thanks to all members who would quickly put away chairs and tables at the end of the meeting.

NOW THE SAME OLD SUBJECT - DUES!

WE HAVE LOTS OF NEW MEMBERS, BUT THE OLD MEMBERS ARE NOT COMING THROUGH VERY WELL WITH THEIR DUES. THEY'RE FORGETTING THAT THERE'S A DEADLINE, END OF MARCH, PAST WHICH THEY WILL CEASE RECEIVING THE NEWSLETTER, AND THEY WILL BE TOO LATE TO GET THEIR NAMES AND ADDRESSES ON THE 2007 MEMBERS' LIST, WHICH WILL BE DISTRIBUTED IN APRIL.

DUES ARE \$10 PER MEMBER, \$20 FOR A FAMILY. DUES TO RAY COOKE AT MEETING, OR MAIL TO HIM AT 97 PINON WOODS DR., SEDONA, AZ 86351.

New Members Joining in February:

Welcome to:

Carmen J. Matina P.O. Box 20461 Sedona 86341
284-0874

Roshan R. Billimoria and Jim Stevens 1500 S. Paradise Drive Cottonwood 86326 282-3972

Carl and Judy Baumeister 790 Lee Mountain Road Sedona 86351 284-2700

Frank Rowley P. O. Box 10648 Napa, CA 94581
707-299-8504

Sherry A. Shively and Alexander L. Fortunato 1960 Red Loop Rd. Sedona 86336 282-1584

Carleton M. Moore 8054 E. Monte Ave. Mesa, AZ 85209

Barbara and Ted Schultz 10 Yucca St. Sedona 86351
284-1570

Field Trips to Come:

Want to see thousands of rare and valuable meteorites, rocks, gems, and minerals? **Then come with the Sedona Gem and Mineral Club and visit:**

*THE ASU CENTER FOR METEORITE STUDIES AND
THE MINERAL AND MINING MUSEUM
IN PHOENIX on April 26*

Club members and guests will take a bus, leaving Sedona at 8am and returning at approximately 6pm. We will visit the *Center for Meteorite Studies* from 10am to 12noon, and the *Mineral and Mining Museum* from 2pm to 4pm. Please bring a sack lunch. The bus is provided by Yavapai Bus Tours and holds 55 people and has TVs and a restroom. Bus stop location in Sedona to be determined.

Bus tickets are \$25 each. The Center for Meteorite Studies is free, and the Mineral and Mining Museum is \$2 a person. **Please make checks for bus tickets payable to: Sedona Gem and Mineral Club and give to either Rose Marie Licher or Linda Yee at the March meeting.**

Call Linda Yee 203-9476 to make bus reservations if you have not already signed up. Check out the web-sites: **www.meteorites.asu.edu** and **www.mines.az.gov**

It will be a fun and informative trip.

Questions? Call Linda Yee 203-9476

The regular monthly field trip will fall on the Saturday after the General Meeting, which will be March 24. Steve Kluck will give details at the General Meeting.

New Field Trip Committee!

Thanks to the following volunteers, our club now has a "Field Trip Committee" whose purpose is to ensure variety in our field trips. We are very fortunate to have Steve

Kluck as our Field Trip Chairman and 2nd Vice President. His contagious enthusiasm and drive have sparked some of our best trips ever. His knowledge of digging and what lies beneath the surface and how to extract crystal and other specimen pieces from matrix have been invaluable to our members. He knows more about Diamond Point crystals than anyone our club members have ever come across. He is a pro and we are very lucky to have him on board with us.

The following members have volunteered to put together a smorgasboard of field trips over the next year: Garry Kappel, Rick Schreiner, Brian Osborn, Steve Kluck and Pat McMahan. They will be having a meeting soon and will present a list of field trip destinations.

Pat has encouraged everyone to set aside April 20 and 21 for a most productive trip for some of the best quality petrified wood in Arizona at the **Paulsell Ranch**. Hotel, dinner and breakfast arrangements will be presented at our next meeting. This is a field trip not to be missed, although there is a cost of \$50 charged by the ranch. Our club is sponsoring this trip as its once a year obligation it has in order to belong to the **Coalition of Rock Clubs**. Belonging to the Coalition gives our club members an opportunity to go on a Coalition field trip usually on the 4th Saturday of each fall, winter and spring month. These trips will be announced in our newsletter.

Tucson Show is Past for Another Year, and

members of our club had a very happy and successful trip, seeing wonderful rocks, and buying specimens, also jewelry and makings, rushing around to various venues, and joining together for two dinners - one at a Mexican restaurant and another at a really good buffet restaurant.

Attendees from our Club were: Phil Sagnelli, Ed Perry, Bob & Linda Yee (and Mary Henshall), Shelley Petluck, Doris Banks, Rose Marie Licher, James and Mary Nell Terry, Vivian Hilker and sister Barbara, Rick Schreiner, Clara Mak, Kurt Wuersch, Wayne Morehead, Ann Schaeffer, Linda & Gary Kappel, Judy & Marty Feldman, Rick Schreiner, and Pat McMahan (who made the lodging and dinner arrangements and advised on best venues to visit).

Classes are Being Planned

(Information from Vivian Hilker, our new Club Education Chair, assisted by Vicki Milner)

The Club Education Committee is happy to report that thirteen club members have signed up for classes. We want to thank Jim Johnson, Cliff Montgomery, and Pat McMahan for volunteering their time and talents. Each will spend a few minutes at the next meeting to inform those interested as to what their classes offer, and time and dates when these classes will be available. Each instructor has been given the list of the members who have signed up so that they can work with them on their stated interests.

We, that is, Vicki and Vivian, will continue to share information on what is being offered in the community as well. The Libraries have much to offer us in the videos and books available in our area of interest in Gem and Minerals. This area will be explored more. If any club member has borrowed any of the videos or books and would like to make recommendations to club members, please inform Vicki or Vivian so we can look into it as well. The club member can also share it during our report time during the meeting or can write it up for our Information Corner. Ed Perry said that he will tell us at the next meeting about the faceting class he will offer sometime in May or June. I, Viv, would like to add that you must see Mary Montgomery's beautiful stainglass artistic work using gemstones with the stainglass when you go to Cliff's class at their home. And speaking of Education, I did venture out to Diamond Point to find crystals and found a few, thanks to help from club members who shared their site with me.

Tucson trip members gather at the motel before dinner.



**Our Own Sedona
Gem & Mineral Show-
Red Rock High School, Upper Red
Rock Loop Road
Oct. 27 & 28, 2007**

Members are signing up to join the Show Committee, which is chaired this year by Linda Yee and Pat McMahan. There will again be sign-up sheets for volunteer jobs at the meeting, or see Linda Yee. Pick a job. Attend committee meetings and add your input. There are always plenty of jobs to be done. Many are even fun!

Pat and Kelly have already figured out and mapped the floor layout for the show, which will be similar to last year's. The Show Committee is working on the exact fee charges for various types of booth sizes. Forms for dealers will soon be ready. Fees will be higher than last year's as our show this year will last two days, where last year's show was one day. It was decided that our own Club members can have a 42" x 42" table (card table size, bring your own), for \$25. This is designed to be a real opportunity for members to sell their excess treasures. The Committee wants to encourage them to participate. Members will also have a chance to sign up for a display case. Start planning! Linda reported that approximately 27 vendors have expressed interest although contracts have not yet been mailed. Pat estimates that income from dealers could be 30% higher than 2006. Flyers for publicity are ready to go.

If you have questions you would like answered now, call Pat (300-8333) or Linda (203-9476) or Kelly (203-9372).

**Articles From our Exchange
Clubs, etc.**

Now your editor has come to the section where she looks through the various exchange newsletters that have come in to her for articles of importance or interest, beginning with those from the Rocky Mountain Federation and the American Federation. I may also have picked up something of interest that has just shown up on some link I was following on the internet.

So this month's searching has turned up a lot of important information from the AFMS (American Federation of Mineral Societies) newsletters of February and March, especially detailed information on the combined Rocky Mountain and American Federation Convention which is in Roswell, New Mexico in June of this year. This should be of prime interest to all of us, because our Club members are not likely to have another chance in many years to go to a national convention that is this close to us, not that it is within one-day reach.

Surprisingly, a Federation Convention was also held in Roswell about five years ago, and even more surprisingly, I was able to go to it, and to get my husband to go with me. Convention aside, it was a chance for us to explore nearby scenic and important archaeological sites we had not seen before. Plenty of rockhounding areas in central New Mexico mountain areas, great mining and mineral museum at Socorro, and there's always the UFO museum in Roswell.

How about a 5- or 10-day trip through scenic New Mexico, "Land of Enchantment?" A great June vacation plan.

Bob Carlson, AFMS president, has this to say: "Roswell is an oasis in the southern New Mexico desert and is noted for its strange events. In addition to beautiful gems, stunning jewelry, fabulous mineral specimens, intriguing fossils and informative educational displays that you see at the show, there will be some unusual incidents and displays. Alien, some might say."

Go to <www.Amfed.org> for detailed information on the Roswell Show on June 5-10, titled "Gems of Enchantment." Scroll down, click on **Convention and Show Information**. Look around the site, you'll find lots more of interest.

Click and pull up the AFMS newsletter from February, 2007. Not all you find will be completely serious:

LAST PAGE CHUCKLES

from Steve Weinberger's Wildacres Joke Book

A Pending Divorce

A judge was interviewing a woman regarding her pending divorce and asked, "What are the grounds for your divorce?" She replied, "About four acres and a nice little home in the middle of the property with a stream running by."

"No," he said, "I mean, what is the foundation of this case?"
 "Oh, it's made of concrete, brick and mortar," she responded.

"I mean," he continued, "what are your relations like?"

"I have an aunt and uncle living here in town, and so do my husband's parents."

"He asked, "Well, do you have a real grudge?"

"No," she replied, "we have a two-car carport and have never really needed one."

"Exasperated, he tried again, "Please, is there any infidelity in your marriage?"

"Yes, both my son and daughter have stereo sets. We don't necessarily like the music, but the answer to your question is yes."

"Ma'am, does your husband ever beat you up?"

"Yes," she responded, "about twice a week he gets up earlier than I do."

"Finally, in frustration, the judge asked, "Lady, why do you want a divorce?"

"Oh, no, I don't want a divorce," she replied. "I've never wanted a divorce. My husband does. He says he can't communicate with me."

To return to the more serious items in the March newsletter, this is a program for the Roswell Convention:

"MINERALS OF NEW MEXICO" SYMPOSIUM (REVISED)

In almost every Federations' Articles of Corporation the phrase "to increase and disseminate knowledge about minerals and other geologic materials"...As a result, we will have as one of the Highlights of the Convention, a Symposium of outstanding speakers drawn from Past AFMS Scholarship Honorary Awardees and prominent New Mexico mineral collectors. They will speak about "The Minerals of New Mexico"

...New Mexico's geologic diversity and complex history has blessed the state with a wide variety of mineral treasures. This program will highlight past collecting history, famous mineral deposits, and recent new discoveries. Some of the topics to be presented by the speakers include:

1. New Mexico Mineral Collecting since 1880.
2. Three new finds of collectable minerals in New Mexico.
3. Geology, Mineralogy, and History of the deposits to be visited by the three day field trip after the show. These include the Hansonburg (Blanchard), Luis Lopez Manganese

deposits and the Kelly Mine.

THE GEMSTONE, OPAL.

From The Ventura Gem & Mineral Society, Inc. (VGMS)

Rockhound Rambling, September 2003.

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Class: Mineraloids.

Group: Some mineralogists place Opal in the Quartz Group.

Opal has been a popular gem for many centuries and has a very interesting structure. Opal is considered a mineraloid because this structure is not truly crystalline. The chemistry of Opal is primarily SiO₂ and varying amounts of water. The amount of water varies from 5 -10% and greater. This water can help geologists determine the temperature of the host rock at the time the opal formed.

Although there is no crystal structure (meaning a regular arrangement of atoms), Opal does possess a structure nonetheless. Random chains of silicon and oxygen are packed into extraordinarily tiny spheres. These spheres in most Opals are irregular in size and inconsistent in concentration. Yet in Precious Opal, the variety used most often in jewelry, there are many organized pockets of the spheres. These pockets contain spheres of approximately equal size and have a regular concentration, or structure, of the spheres. This has the effect of diffracting light at various wavelengths, creating colors. Each pocket produces a different color, with a different intensity depending on the angle from which a viewer sees it. The multicolored flashes of light that Opal emits gives it a truly beautiful and valuable look.

PHYSICAL CHARACTERISTICS:

Color is white, pale yellow, reddish, green, gray or black. Diffraction can cause flashes of any color of the rainbow (opalescent).

Luster is vitreous to pearly.

Habits include massive, cavity-fillings such as in fractures and geodes, nodular or as a replacement of other minerals and wood.

Associated rocks are chert (a form of microcrystalline quartz), volcanic rocks and many others...occurs in Australia and many other localities around the world.

Best Field Indicators are color play (opalescence), low density, lack of cleavage and crystal faces and fracture-filling tendency.

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Sedona Gem and Mineral Club MARCH Newsletter, 2007

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March 23-25--COTTONWOOD, ARIZONA: 31st annual show; Mingus Gem & Mineral Club; Mingus Union High School, 1801 E. Fir St.; Fri. 9-5, Sat. 9-5, Sun. 10-4; adults \$1 Fri., \$3 Sat. or Sun., 3-day pass \$5, children under 12 free.

Contact Ron Luce, 1647 E. Skyline Dr., Cottonwood, AZ 86326, (928) 649-2129, or Richard Casmier, P.O. Box 556, Rimrock, AZ 86335, (928) 592-0232.

May 27-28, Pinetop-Lakeside, 12th Annual Gem & Mineral Show.

Blue Ridge Jr. High (gym & cafe)
1200 W. White Blvd., Lakeside, AZ 85929
Sponsored by: White Mt. Gem & Mineral Club. Admission: \$2:00, students under 12 free. Parking: Free
Hours: 9:00 a.m. to 5:00 p.m.

Show Chairperson: Sandra Angelo,
P O Box 3504, Show Low, AZ 85902, 928-537-2524

Dealers Contact: Nanz Marshall,
5011 Forest View Rd., Lakeside, AZ 85929, 928-537-2524



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