

PRESIDENT'S MESSAGE



Well, summer is over and its time to go back to work. We have two shows to get ready for next year - our local show in March and Diamond Daze in August.

We have a big field trip coming up the end of September and a great program at our regular meeting on September 12.

I hope everyone had a great vacation this year. Now get ready for a great time the rest of the year.

Don

**WORKING
TOGETHER**

SEPTEMBER MEETING AND PROGRAM

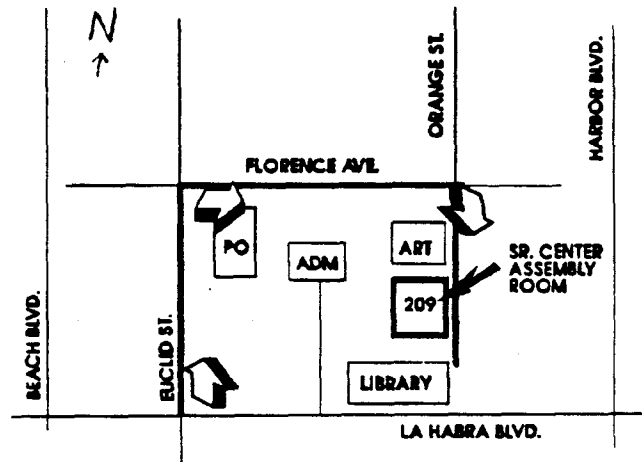
Date: September 12
Time: 7:30 p.m.
Place: La Habra Senior Center
Assembly Room
Speaker: Ms. Harriet Breitman

So You Think You Want To Carve -
Ms. Breitman will be giving us an informative talk on gem carving. She will show us the tools we need and how to choose a stone. You may find you would like to try your hand at this interesting hobby.

Ms. Breitman will be showing us many beautiful examples of her work and explaining her techniques.

Many of you have met Ms. Breitman before and will enjoy seeing her work again and getting a chance to talk to her.

Loretta Ogden



COMING ATTRACTIONS

NOC CLUB ACTIVITIES

Cab Making Classes in Walt Messemer's Garage, 7-10 p.m.	Mon. & Wed.
Regular Meeting in the Assembly Room, 7:30 p.m.	Sept. 12
Board Meeting in the Assembly Room, 7:30 p.m.	Sept. 26
CFMS Field Trip Seminar South (See below)	Sept. 30 & Oct. 1

SHOWS AND EVENTS

Los Angeles County Fair, Pomona	9/8-10/1
Convair Rockhounds 9115 Clairmont Mesa Blvd., San Diego	9/10,11
The Delvers G&MS, Apollo Park, 12458 Rives Ave., Downey	9/16,17
Faceters' Guild of S.C., Orange Co. Fairgrounds, Bldg. 14, use Gate 5, Costa Mesa	9/23,24
Council of San Diego Co. G&MS, Del Mar Fairgrounds Bing Crosby Hall, Del Mar	9/29-10/1
Quartzsite -- Clouds Jamboree POW-WOW QIA	1/15-2/15, 1996 2/7-11, 1996
AFMS/CFMS Show and Convention Riverside Convention Center, Riverside	8/9-11, 1996

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FIELD TRIPS

I hope that everyone had a good summer collecting lots of great material. Isabella and I enjoyed three shows and did a lot of collecting.

September 29 to October 1 -- There will be a CFMS South Field Trip Seminar at Hector, 32 miles south of Barstow. Friday night and Saturday morning will be speakers on GPS, our Wilderness Areas and the National Parks. Saturday afternoon Walt Wright will lead an educational trip to Pisgah Crater and lecture on the volcanic area.

Sunday there will be field trips to an agate area led by Tony Fender.

November 4 & 5 -- Tentatively, Loretta is leading us on a field trip to the California Museum of Minerals at Mariposa. Camping is at the museum, and the museum staff will plan a collecting trip for us. More next month.

November 22-25, Thanksgiving weekend -- How about Wiley Wells?



Bill Burns

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REFRESHMENTS

Izzie and Pat Maggs will be serving at our September meeting.



Thanks Loretta and Vicki Marks for the goodies in June.

Jane Livezey

EDUCATION**PETRIFIED WOOD***Stories Of An Ancient Forest Told In Stone*

At our last meeting in June, Ginny asked if we, Linda and myself (by the way I'm Jeff), would write an article for the Education section for September's *NOC NEWS LETTER*. Linda said yes, so here I go.

I was thinking of what I could possibly talk about that may be of some interest to most of you. Well, as luck would have it, I had the answer right in my hand. I just happened to be looking at the end of a Limbcast that I recently polished. A Limbcast is just what it sounds like, a part of a tree limb that has been Petrified. This is the result of a process called Petrification, meaning "to change into stone." The process involves a mineral emplacement, which means dissolved minerals are carried by groundwater into the porous parts of the buried wood, where they crystallize out and settle, filling the pores. With the wood so impregnated with all these minerals it becomes denser, heavier, and more resistant to destruction than it was originally. This is also the case with Petrified Dino Bone and Shells.

During the Triassic Period, about 190 to 225 million years ago, two primary elements of the dominant flora were the Cycadophytes and the Conifers. The cycadophytes were relatively small cycadlike trees, but some of the conifers

grew to about 220 feet in height and 10 feet in diameter. The conifers often grew in large forests, in marshes, and in other very humid habitats. Many of these wetlands had previously been shallow seas, and at the end of the Triassic the shallow seas returned and submerged the forest.

The drifting logs or upright stumps of the forest remains were eventually buried in volcanic ash or other sediments and the process of pre-mineralization began. The waters penetrating the sediments were rich in mineral salts, which reacted with plant matter inside the cell walls of the trees. The most common of these minerals were silica, occurring as quartz, of which chalcedony and jasper were part; calcium carbonate, occurring as calcite; pyrite and dolomite; and iron and magnesium oxides, which give Petrified Wood the red, yellow, and orange colors.

As the mineral salts penetrated into the cells and started to crystallize, they usually left the cell walls almost completely intact. Complete crystallization of the cell cavities was very rapid and an extremely efficient process that left fossils so well preserved with such excellent clarity and transparency, that they can be studied through a microscope in the same manner as recent biological material.



EDUCATION (Continued)

PETRIFIED WOOD (Continued)

Eventually, the shallow seas once more withdrew, leaving great depths of sediment behind. Erosion by wind, rain, and other agents began, and eventually exposed the petrified trees. Because of that lengthy process, and all of our patience, we now have this amazing **PETRIFIED WOOD.**

Petrified Wood consisting largely of *Araucarioxylon arizonicum* can be seen in the Petrified Forest National Park in Arizona. Also one other interesting place to see exposed petrified wood is in Yellowstone National Park, Wyoming. This is not a single forest but a vertical succession of 27 individual forests preserved in more than 2,000 feet of volcanic debris. These specific forests are from the Eocene Epoch, about 50 million years ago. Not only have the tree trunks been preserved, but the impressions of leaves, twigs, needles and cones have also been fossilized in the volcanic ash layers.

Well, I guess that's about it for this segment of the NOC News Letter. I hope you have enjoyed this subject on Petrified Wood, and how it came to be one of the most impressive as well as attractive stones on earth.

Jeff Parker, NOC Club Member
Reference: Grolier Multimedia Encyclopedia

HANDY HINT -- After a tube of epoxy has been opened, dab a bit of Vaseline on the threads. The cap will not stick and mess up your tube. - from Pasadena Lapidary Society and others via Rocky Review Aug-Sept. '95

MEMBERSHIP

MEMBER SURVEY - At our June meeting all members present were asked to fill out a brief survey about our meetings, field trips and class offerings. Some of you took the time and trouble to express feelings pro and con, and there were many interesting suggestions. All information from these surveys has been summarized and will be presented at the August Board meeting. As progress is made on the implementation of these suggestions, I will attempt to keep you updated.

Jane Livezey
Membership Chairman

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NOMINATION COMMITTEE

It's time to think about new club officers and chairpeople for 1996. At our August Board meeting President Don appointed Izzie. The Board elected Loretta. The membership will be asked to elect three. The October bulletin will show candidates nominated by the Committee.

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MEMBERS IN THE NEWS

HAPPY BIRTHDAY to those born in September. Your birthstone is Sapphire and your flower is Aster or morning glory. Have a great day!

- Angie Harwood, 9/3
- Mike Maneth, 9/4
- Julie Clevenger, 9/6
- Loretta Ogden, 9/6
- Don Ogden, 9/13
- Dolores Maggs, 9/23
- Don Warthen, 9/25



"Man who say it cannot be done should not interrupt man doing it." - Chinese Proverb -- from Oregon Rockhound, via Pegnatite-San Diego

CLUB NEWS AND MEETING HIGHLIGHTSREGULAR MEETING, June 13

Jane Livezey announced we had 29 members and 2 guests attending. Our guests were Sarah and Jim Baltes. We were very happy they joined us and hope to see them often.

Jane explained a form she passed out to members to find out what we thought about monthly programs at our meetings.

Ginny gave her education report. She talked about getting grab bag rocks ready for our annual show. She asked for ideas for educational topics. Anyone who has an idea is requested to write it up.

Don L. gave his treasurer's report.

Don W. has forms to fill out if anyone wants to work at the Orange Co. Fair.

Izzie talked about the CFMS show in San Jose and the CFMS/AFMS show in Riverside. She has CFMS/AFMS shirts that can be painted to advertise the show. This painting session will be on August 27 at 1:30 p.m. at the La Questa work room.

March 23 and 24 will be the dates for our local show. The rent for the clubhouse went up and negotiations are in progress to return the cost to its normal amount.

Bill B. gave his field trip report. He talked about the BBQs and potlucks, and the field trip seminar the end of September.

Don W. asked if anyone wanted to go on a local field trip during the CFMS show. Only 2 people showed an interest so the idea was abandoned.

Door prize drawings were conducted by Stephanie Shea. Winners were: Bill Huber, Sarah Baltes (guest), Jeff Parker, Bob Lauterio, Walt Messemer, Izzie, Ginny, Ofelia, May Richardson, Susan Hansen and Dana Matual. The \$5 membership drawing was won by Dana).

Loretta introduced our speaker for the evening, Bill Hill. He gave a very interesting program on bead making.

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No Board meeting was held in June.

BOARD MEETING, August 22

Don L. gave his treasurer's report.

A suggestion was made to have attendance cards made to keep track of who has paid for classes.

Bill B. gave his field trip report. He gave plans for the rest of the year.

Izzie gave her CFMS San Jose show and convention report.

Nominating Committee appointments were made.

Don W. gave his show report on our upcoming local 1996 show. Izzie will be making arrangements for dealers. Don W. will be asking for committee chair people at our September meeting.

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ROSTER CHANGES

Please correct the following phone numbers on your May 1995 roster.

Louis Gonzalez's correct number is: (909) 549-9569

Chuck Pierce's correct number is: (714) 526-5614

Please check your name, etc. and let Virginia Page know if there is a correction.

EDITOR'S REQUEST FOR "HELP"!

There is a need for someone to volunteer to learn the complete procedure of putting out our bulletin.

It is a really fun job and I love doing it, but there might be times when I am unable to do the work and I need someone to take over.

Virginia Page, Ed.

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RECAP TIME

JUNE 13th PROGRAM

A great big thanks to Bill Hill for a wonderful program on making glass beads. We all enjoyed it very much.

Loretta

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POTLUCK AT THE BERG'S JULY 29th

BERG'S OR BUST! - Eight people trekked down I-15 on a sizzling Sunday. Our destination was the home of Bob and Bev Berg on a hilltop at The Farm, a mobile home park near Lake Elsinore. Bev doled out iced tea and other soft drinks while Bob successfully dealt with a cranky air-conditioner.

As usual the potluck was scrumptious, wonderful buffalo meatballs thanks to Joan Abramson, and a tasty cool gelatin salad made by Joan Henry. Spaghetti, Chinese chicken salad, and other goodies completed a wonderful meal. Joe Reed brought his friend, Thea Bruhl, who was interested in all our "rock talk". It was hard to believe how quickly the afternoon passed in such pleasant company.

Thanks, Bev and Bob, for a delightful afternoon.

Jane Livezey

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NOC SUMMER BBQ AUGUST 19th

Saturday afternoon a group of 35 NOC's gathered at the home of Don and Ofelia Warthen for a potluck BBQ. Don cooked succulent jumbo hamburgers while a large array of salads and desserts were brought by the club members. Fortunately the Warthens have a partially shady yard and a cool breeze sprang up, so no one suffered too much from the typically hot August afternoon.

Present were: Pat and Dolores Maggs, Moonyeen McCormick, Virginia and Jan Harvey, Norberto Elicker, Jeff & Linda Parker, Dana Matula, Bill & Izzie Burns, Walt & Joan Abramson, Harry & Lucille Howe, Bill & Adele Huber, Bob & Joan Henry, Frances Troemmler, Joe & Chyoko Ishida, Joe Reed, Don & Loretta Ogden, Cheryl Stevens, Kay Young and her visitor, Meg Neuemeier, Don & Jane Livezey, Ken & Vicki Marks and Walt Wright.

Everyone exchanged summer experiences, drank pop or champagne punch and nibbled on various goodies. Later Don went to work cooking 'burgers to order' and everyone piled plates high with salads and then went back for the huge selection of desserts.

Bill B. attempted to stir up interest in the correct disposition of Ralph Wein's rock collection now piled in the Warthen's yard. On a hot day after an enormous feed, he had a difficult time. Knowing our group, there will be a cadre of helpers to get this job done at some future date.

What a super time we had! It would be impossible to acknowledge who brought what, but we really should put together a NOC cookbook. What yummy food we had! I just know Joe Reed makes the best rhubarb pie!

...more

RECAP TIME (Continued)

NOC SUMMAR BBQ (Continued)

Many of you who couldn't come were missed, but summer is traveling and relaxing time, and it has been hot!! We'll expect you next time.

Jane Livezey

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CFMS/AFMS NEWS

SUN SAFETY by Mel Albright, Chair, Safety - taken in part from the June 1995 AFMS NEWSLETTER.

Do you ever hunt for rocks on a warm to hot day? Garden? Hike? Or something else active? Then, in much of the United States you'd best learn to recognize the symptoms of things going wrong when we get too hot.

Heat cramps are the less serious, but still a dangerous result of too much heat. These are spasms of the muscles brought on by exertion in hot weather. Many times the calves are the first muscles affected.

What causes cramps? - intense sweating followed by drinking of salt free water. They are more likely to occur if you're out of shape, in poor health, tired or have been drinking alcohol BUT, they can occur to anyone! To avoid cramps, take it easy in hot weather, eat salty foods or take salt tablets, or drink athletic drinks that have salt in them. If cramps do occur then stop, get in a cool place and rest, and stretch and massage the cramped muscle. Drink something salty.

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The following information was taken from the September 1995 CFMS NEWSLETTER.

REPORT OF CFMS 1996 NOMINATING COMMITTEE

The following is the suggested list of nominees for CFMS Officers for the year 1996:

- PRESIDENT - Pat LaRue
- FIRST V.P. - Rosemarie Young
- SECOND V.P. - Beverly Moreau
- TREASURER - Kenneth Kruschke
- SECRETARY - Arlene Schwemmer

Beverly Moreau is recommended by the Northrop Gem & Mineral Society.

Ken Kruschke is recommended by the Kern County Mineral Society.

Respectfully submitted,
Charles Leach, Chairman
1996 CFMS Nominating Committee

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DIAMOND DAZE GEM & MINERAL SHOW

The show in Riverside is in our thoughts and a healthy committee is at work. There are more jobs available. Isabella has asked me to help with the sales of Pins, Tickets and Donation Awards or whatever it is being called. It is still the same things. We need help on the raffle items. If you want to contact some of the local stores, you will be very welcome on this committee. Just call 1-(909) 244-6615 and state what you want to do and you will be on the committee. We will need help from all of the participating clubs so this letter or similar will be on its way to them.

Remember, just call me and get a piece of the action. Will the Faceters' Guild do the best job of getting awards? We will give the participating business people recognition on their displayed awards and when their gift is announced at the show. Can you think of other ways we can make their donation worthwhile to them?

Floyd L. (Bob) Berg
1-(909) 244-6615 (HELP)

C.F.M.S. AND A.F.M.S NEWS

The CFMS Show was beautifully laid out with nice cases and lots of good dealers, but "Mother Earth" must have not liked us, as some one turned up the heat. There was a record heat wave in San Jose. NOC was not without recognition. Three cases were on exhibit by our members. Loretta finished second with her jewelry in a heated "nose to nose" race for the Charr Choate award. Virginia Page received an award for being NOC News Editor for ten years and won fourth place in AFMS. Virginia Grafton was awarded a certificate of appreciation for her article, "Education - Ruby - Birthstone for July".

The Director's meeting was busy. Two new clubs were taken into the Federation - Joshua Tree GMS and Chino Valley Prospectors (these are in the area of our Riverside Show).

Our proposed dues increase to \$1.50 per person was passed. The clubs seem to realize that this increase was long overdue.

Many interesting reports were given. Mike KoKinos has succeeded in helping 70 clubs with their tax problems and every club by getting the Franchise Tax Board to back off. He says it is very necessary for every club to maintain accounting records that reflect the various categories of expenditures and that a year end report must be available.

CFMS Public Lands Advisory Committee, AFMS Conservation & Legislation Committee and American Lands Access Association each have many stories to tell about laws and plans that restrict our collecting. They are all stressing the importance of our establishing a good working relationship with the US Forestry Service, BLM, and all government officials. Letter writing is important. The Fossil Bill is moving along and a new mineral and rock collecting Bill is being prepared. Bill has much information on these which he will make available at our next meeting.

The other AFMS Committees gave their reports. Two things were emphasized: The AFMS Credit Card Program has a two year extension (this is a no fee credit card and the AFMS receives money when members join and use the card. (More info will be available soon) The Education Thru Sharing Program was changed to awarding a certificate to people whose clubs wish to submit for the work that they have done for their societies. Only the name will be submitted and there will not be the need for the write-up.

The AFMS Show held in the air-conditioned Convention Center in Boise, Idaho, was really neat. The advertisement for this show was tremendous, newspapers, T.V., and every area of publicity. They also had a banner across the street.

Bill & I enjoyed a two month trip including these shows, the Madras Pow-Wow in Oregon, and the Russian Hermitage Exhibit in Topeka, Kansas.

Izzie, Director



CFMS/AFMS NEWS (Continued)

DIAMOND DAZE GEM & MINERAL SHOW



CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES, FOUNDED 1936
AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES, FOUNDED 1947

AUGUST 9, 10, 11, 1996
RIVERSIDE CONVENTION CENTER
RIVERSIDE, CALIFORNIA

OUR SHOW, the one we are hosting with four of our fellow clubs, is the next big show for the CFMS MEMBERS, the AFMS Members, and especially the people of Southern California. Each club member of each club is a part of this show and your help is needed.

Number 1 - Help us advertise. There will be a contest for the best decorated shirt at the Faceter's Guild of Southern California Show, September 24, Orange County Fairgrounds, Bldg. 14, Costa Mesa. It is not too late to order a shirt. There are many other shows in our area. Attend and tell about our show. Work our booth at shows.

Number 2 - We still need committee help.

Number 3 - Your ideas for exhibits, demonstrations, banquet table decorations, etc., will be greatly appreciated.

Number 4 - Know about this Big Big All American Show.

Tuesday, August 6 - AFMS Uniform Rules Meeting (everyone is welcome).

Wednesday, August 7 - AFMS meeting (everyone is welcome). All cases for the show must be set up.

Thursday, August 8 - AFMS & CFMS workshops, CFMS judging, education day for youth (help will be needed for this). A luncheon to honor past presidents and celebrate the CFMS's 60 years.

Friday, August 9 to 11 - Show opens with our "Exhibits of the World", a museum class display of diamonds, minerals of the Mojave desert, The Old Woman Meteorite, etc., from museums, colleges and individuals, and "A Galaxy of Dealers" with every type of material, equipment, supplies and finished carvings and jewelry for sale.

DIAMOND DAZE GEM & MINERAL SHOW (Continued)

About 25 demonstrators will be helping people with skills in all areas of our hobby.

A program of distinguished speakers on minerals, micro minerals, buying diamond, etc., will be there.

We will have a Faceting Symposium with special speakers John Sinkankas, Bob Cordon, and more to be announced later.

A Petrified Wood Symposium will be given by W. Walton Wright.

On Friday and Sunday mornings there will be a Carving Symposium by the Carvers' Guild of America with some out of the area speakers.

Saturday there will be an Opal Symposium by the American Opal Society.

A Recreation Vehicle mini program will be held.

An instructional program on Saturday on the use of metal detectors followed by a Metal Detecting Fun Hunt with over 7000 coins will be offered.

You will see both CFMS and AFMS competition exhibits.

There will be a CFMS meeting on Saturday, a CFMS/AFMS Awards Banquet Saturday evening, and an Editor's Breakfast Sunday morning.

Izzie, Chairman



HOSTED BY AUTONETICS GEM & MINERAL CLUB, CAPISTRANO VALLEY ROCK & MINERAL CLUB,
FACETERS GUILD OF SOUTHERN CALIFORNIA, NORTH ORANGE COUNTY GEM & MINERAL SOCIETY,
AND ORANGE COAST MINERAL & LAPIDARY SOCIETY

TIPS FOR MOSS AGATES - When working with dark colored moss agate like the black Montana variety, small pits may sometimes appear on the finished, polished surface. The light colored polishing powders like tin oxide and cerium oxide often pack in to these pits and removal is difficult. The white spots detract from the stone's appearance. A small drop of India ink touched on the white pit and rubbed over the stone with a cloth will work wonders. - From Pebbles et.al via GEMS of the FOOTHILLS 11/94

SOY-BEAN OIL has been tried as an alternative to petroleum oil in a slab saw. The results are that it works just as well and has some advantages. It does not give off an unpleasant odor, it is non-toxic and it has a lower flash point. Lady lapidarists will like it because it is gentle on the hands like cold cream.

- From Burrow Express via
GEMS of the FOOTHILLS 6/95