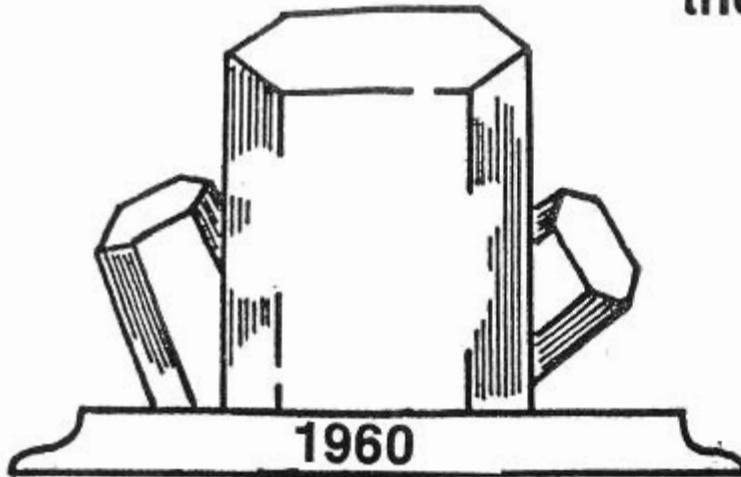


THIS EDITION OF THE
BULLETIN WAS SCANNED
FROM A PAPER COPY

the

ROLLIN' ROCK



ROSEVILLE ROCK ROLLERS, INC.

MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES
THE AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

VOL 41 NO.6

JUNE, 2000

EDUCATIONAL MEETING

2ND TUESDAY OF EACH MONTH, 7:00PM

JUNIOR MEETING

NONE UNTIL FURTHER NOTICE

EXECUTIVE BOARD MEETING

4TH TUESDAY OF EACH MONTH, 7:00PM

LOCATION: MAIDU COMMUNITY CENTER, MTG. RM 1, 1550 MAIDU DR. RSVL.

EXCEPTIONS: JULY PICNIC/BAR-B-Q, AUGUST ICE CREAM SOCIAL

Changes and locations will be published in the bulletin.

GUESTS AND VISITORS ALWAYS WELCOME

THE ROLLIN' ROCK

Inez Berg, Editor

PO Box 537

Wheatland, CA 95692-0537

PLEASE SEND EXCHANGE
BULLETINS TO THE EDITOR

JUNE, 2000

PEARL



**MADAM PREZ SEZ:**

Where have the months gone? Mother's Day is gone and hope all you moms had a good one. Now it's dads turn, Happy Father's Day. We have had rain to very very hot. The Valley Springs Pow Wow was wet but our RRR case looked nice in the big white tent. The Bergs, the Oleacheas and I went on the Fallon, Nevada field trip. We had a great two days. We got some nice material plus Bob O just had to get three large pieces of petrified, mineralized log that was exposed, about 30 inches across or better in size. Too bad more people didn't go. The weather was 90 but with a cool breeze. The flowers were still in bloom. Hope to see more people on our next field trip, also more people at our meetings as you have been missing some good programs. Your Prez, Iris.

VICE-PRESIDENT'S VIEW POINT:

Our May Educational meeting featured Hilde Dehuvyne as our featured speaker. She is one of our new RRR members. She graciously spoke about geology and life in Iceland. She was assigned in Iceland as an exchange student and afterward stayed 15 years. It was a very original and stimulating discussion.

The Blazina/Shannon family traveled to Virgin Valley, Nevada over the Memorial Day weekend. We joined the CO-OP trip sponsored by the Eldorado Mineral Society to Rainbow Ridge Mine for opal. We were most surprised to meet up with Florence and Hugh Brady along with Ed and Judy Murphy, former RRR members. Approximately 25 members of various mineral societies and rock clubs were part of the CO-OP trip. However the campground was packed full of rock clubs from Oregon to New Mexico. The Rainbow Ridge's new rock shop had some fabulous examples of opal from the mine. We also had some luck in finding fire opal.

Don't forget the Roseville Rock Rollers e-mail address at <http://members.xoom.com/rockrollers/> or give an officer a phone call. We look forward to your suggestions/announcements/leads on new members. Karla Shannon.

JUNE EDUCATION MEETING PROGRAM:

The Roseville Rock Rollers next Educational meeting will be 6/13/2000 at the Maidu Community Center. Vacation plans permitting, we hope to have Kim DeCesare as our speaker. Kim is a chemistry professor at UC Davis. He may talk about easy identification of rocks, opal separation and interesting trips that he has taken. Karla Shannon

MAY EDUCATIONAL MEETING MINUTES, 5/9/2000:

The meeting was called to order at 7:05 pm followed by the flag salute and the introduction of guests. The minutes of the last meeting were approved. MEMBERSHIP APPLICATIONS - Melba and William Sagaser submitted applications. CFMS - News included in bulletin. FIELD TRIP - May 19-21 to Fallon Nevada. Florence had updates on Fossils for Fun Trips. LIBRARY - New rock identification charts were brought in. VESTS - Now available for sale at meetings. GUEST SPEAKER - Hilde Dehuyne was introduced by Karla. Hilde lived in Iceland and gave a talk on its many volcanoes. DOOR PRIZES - Winners were guest Audrey Bowman and member Hilde Dehuyne. Meeting was adjourned at 9:00. Respectfully submitted, Kymberly Andrews.

MAY BOARD MEETING MINUTES, 5/23/2000:

The meeting was called to order at 7:05 pm with 12 members and 2 pro tem members present. Absent were Terry R., Milt and Frank. SECRETARY - Read show flyers for Tallman RockChippers, Golden Gateway to Gems and International Jewelry/Gem Show in SanMateo. Badges for Bill, Melba, Hilde, Kymron and John Armstrong to be ordered. FEDERATION REPORT - Jack and Kathy cannot attend Riverside meeting. LIBRARIAN - Submitted bill for lamination of identification guides. SUNSHINE - Michael Zancai had nose surgery. HOSTESS - Betty will bring binders for Mary to use to file sign-up sheets. SHOW REPORT - Need audits for both 1999 and 2000 shows. Netty, Betty and Jack will do the audit for the 1999 show. Elton Dean will get magnetized signs advertising 2001 show for member's trucks. They will be set up so dates can be changed each year. TREASURER - Read bank statements. Bills were approved for payment. SO100 REV 11 99, to be filed with state every two years, need to submit officer's names. Bob O had information on Kennedy Mine (Editor note - also see April 2000 newsletter). Bob B needs to be reimbursed for field trips per club By-Laws. OLD BUSINESS - Club books were audited by Netty, Betty and Myron and were excellent. Educational meeting was advertised in Sacramento Bee Calendar with Myron's phone number. SCHOLARSHIP - Karla reported on committee meeting. They would first like students to submit essays and then be interviewed. Looking for someone with "passion" for earth sciences. MEMBERSHIP - Bill and Melba were voted into membership. NEW BUSINESS - July meeting will be annual BBQ. Both rooms will at open at 6:00 pm. Motion carried that the club purchase both chicken and ribs. Everyone to bring dish to pass. Iris suggested donation to Sierra College Museum. This will be discussed again along with scholarship. LAPIDARY CLASSES - Will resume in September. FIELD TRIP - June 10 to Pilot Hill for common opal and dendritic agate. Respectfully submitted, Kymberly Andrews

What is Scheelite?

JUNE BIRTHDAYS:

1 - Bob Berg
 9 - Edyth Douglas
 14 - Bill White
 15 - Bob Svoboda
 16 - Elton Dean
 30 - Betty Soper-Arnold

JUNE BIRTHSTONE:

The June birthstone has a very checkered history. The early Jewish peoples, the Romans and the Italians used the emerald. In 635 AD emerald was declared the June birthstone by the Bishop of Seville. The Arabians used agate, chalcedony and pearl. In the 18th to 20th centuries a mix of emerald, agate, cat's eye and turquoise were used. In 1947 the Encyclopedia Britannica listed the pearl as the June birthstone, Webster's Unabridged Dictionary listed agate. Current popular lists use pearl and moonstone while a synthetic stone for June is Alexandrite. The pearl is not a gemstone but rather the same material that covers the inside of mollusk shells, the iridescent material called nacre, mother-of-pearl. When sand enters a mollusk, it produces nacre to protect its soft tissues. Cultured pearls are produced by introducing a piece of mother-of-pearl into a mollusk. Natural pearls are found all over the world - off Baja Mexico, the coasts of India, the Persian Gulf, Japan, near the coast of Nicaragua, and off the coast of Western Australia.

MAY BIRTHDAY:

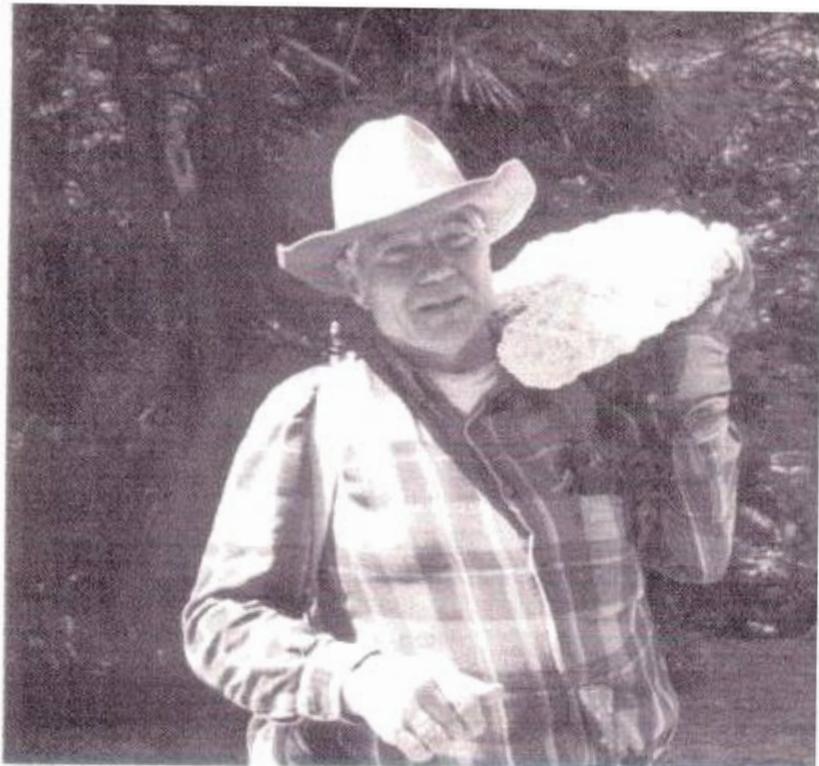
28 - Tom Madsen
 Editor's note - I missed Tom's birthday, told him I would put it in twice but he said "no, that would make me twice as old". So, if I miss your birthday or get the wrong date, please let me know.

LAVA TUBES/VOLCANOES:

Lassen Volcanic National Park is on Highway 36, near Lake Almanor. This last erupted in 1914. You can travel through Lassen National Park (there is an entrance fee) on Highway 89. You will find lava, mudpots, fumeroles, hot springs, lakes and trails. You may see chipmunks, deer and brave/rude begging blue jays. On the north side of Lassen Volcano Park, turn right on Highway 44/89 and go 13-14 miles to Subway Cave. There is a path from the parking lot, only about a block long and you go down steps and can walk through the lava tube. The tube itself is about a quarter mile long. BRING FLASHLIGHTS OR LANTERNS. It is absolutely pitch black. For fun, turn your flash lights off for a minute just to realize how dark it can be. Good walking shoes are advised, the tube floor is rough.

JUNE REFRESHMENTS:

We have three people signed up to bring refreshments in June. Remember July is Bar-B-Que, doors open 6:00 pm, club is buying chicken and ribs, bring dish to pass.



ROSEVILLE ROCK ROLLERS PROFILE:

Barbara and Charlie Brown have been RRR members for about 6 years. Despite their relatively few years with the club they have served in many capacities. Barbara is currently the Sunshine Committee Chairperson. In the past she graciously served for 4 years in charge of the kitchen for the club's annual show. Unofficially she also helped with the show's publicity. Charlie has been a Field Trip Chairman, Director and both Assistant Show Chairman and Show Chairman. They are also members of the Sutter Buttes Gem and Mineral Society, the Motherlode Gold Hounds and the United Prospectors.

CHARLIE BROWN ON MAGNESITE FIELD TRIP

In addition Charlie has attended both the California Jewelry Institute and lapidary classes at the Maidu Center for the past two years. He has now become the new regular instructor for the lapidary classes which will begin in the fall.

Both Charlie and Barbara developed a love for "rocks" in childhood. Barbara was allowed to bring home a shoe box of "rocks" from vacation. She enjoyed hearing an Uncle tell of his world travels when he came home on visits. He was a Geologist who worked in oil exploration for Union Oil. She also found herself spending hours viewing a large gem display at the Date Festival in Indio, CA each year. Charlie's father joined a rock group in Albuquerque, NM when he was young. He and his father would go to silver mine dumps in search of turquoise and copper compounds. In addition to raising a family, Barbara also worked as an accountant for a number of years. Charlie worked for the City of Sacramento Fire Department for 26 years. Since their retirement they have taken several trips including a cruise to Alaska and have been on several outings to collect "rock". These include cowpie geodes, drussy crystals, garnets, petrified wood, to Ely, Nevada and McDermitt, Nevada, for plume agate in Idaho and picture jasper at the Kitty Litter Mine.

With Barbara's recent broken ankle, the Browns have slowed down but only briefly, they still have too many fun trips to take.
Karla Shannon

SCHEELITE:

Scheelite is a mineral named after a Swedish chemist Carl Wilhelm Scheele. The mineral is white, yellow, green or brown and is translucent. Most of it is fluorescent. It has a hardness of about 4.5 to 5. It can be found in the Czech Republic, Germany and in England. It is also found in Nevada, California, Arizona, Utah and Colorado.

GOLD DEPOSITS OF AMADOR COUNTY

Eric Costa, a consulting geologist in Amador County, was a speaker at the 2000 Latrobe CO-OP annual meeting. Upon my request for a copy of his talk, he sent so much interesting material on Amador County and the Mother Lode area that it will be run over the next few issues.

Discovery: In March of 1848, Charles Weber, the founder of Stockton organized a prospecting party that started at the Stanislaus River and worked its way north, eventually finding gold on the Mokelumne River. Weber moved on toward Dry Diggins or Placerville and found gold in all the streams to the north. This is believed to be the first discovery of gold in what would become Amador County.

By late spring and summer of 1848 the gulches around Drytown, Ione, and Volcano were being extensively mined. In general the placers in the lower and more easily reached portions of the county were the first to be worked, and the miners gradually worked their way farther into the mountains.

GOLD DEPOSITS: PLACER & LODGE

Placers: A gold deposit formed by concentrating the material weathered from a vein or other type of gold deposit. Several veins which are not necessarily rich enough to be worked by themselves or Tertiary gravels can be weathered and concentrated into streams or rivers to be recovered for economic benefit. The Sierra once had a different drainage pattern (North to South) that was covered over by lava flows trapping gold in old channels. Flat topped ridges are remnants of this old surface.

In 1848-49 surface placering was confined to the small streams and creeks being worked with pan, long tom, rocker, and sluice box. Then in the early 1850s drifting or coyote mining began on isolated patches of Tertiary gravel. Then from the mid to late 1850s with water from ditches and flumes, ground sluicing and hydraulic mining began.

Hydraulic mining in Amador County began near Clinton by N. W. Spaulding, around 1855. In 1856 hydraulic mining began in Volcano on a large scale where potholes and crevices in limestone bedrock formed natural gold traps. The *Elephant Mine* on Charleston Road was the largest hydraulic mine with others at Irish Hill, Fiddletown, Lancha Plana, and Forest Home. **AMADOR NUGGET, MARCH 2000**

MINES OF EL DORADO COUNTY

Three miles northeast of Latrobe was a soapstone mine called the **Pacific Minerals (Swift) Mine**. Until the late 1930's the soapstone was mined underground by hand labor, using augers and drills, accessed by a 220 foot cross-cut adit and several hundred feet of drifts.

After a cave-in in the central portion of the mine, it was converted into an open pit mine. During the early 1920's, the soapstone was shipped to San Francisco for use as a coating in prepared roofing. In 1924, part of the mine caved in and was shut down.

In 1928 it was reopened and the material was sent to grinding mills in San Francisco where it was processed for use in insecticides. Another cave-in occurred in the late 1930's in the central portion of the mine. After that the soapstone was mined from an open pit. By 1955 the pit measured 175 feet long, 35-70 ft. wide and 75 feet deep at the face. There were also two other smaller pits at the north end of the deposit.

Another significant mine in the area was the **Pfeiffer Mine**, a chromite mine three miles east of Latrobe and west of Big Canyon Creek. Eighty tons of ore were removed during WW1 (1917). It was actively mined again in WWII, when chromium was a critical defense material. The deposits were developed by open cuts.

Besides **gold, soapstone and chromite**, other minerals found on the western edge of El Dorado County included **silver, various copper ores, and the lead ore, sheelite.**

from "Mines of El Dorado County" Mountain Democrat, 1/14/2000; via SMS Matrix, 2/2000

GHOST SHEET, MARCH 2000

CFMS SHOW & CONVENTION

GOLD & GEM SHOW

Convention Center
Riverside, CA

August 4, 5, 6, 2000

Fri. & Sat. 10 - 6; Sun. 10 - 5

Hosted by Valley Prospectors

Show Chair: Bural LaRue

E-mail: bplarue@earthlink.net

CUTTING MONTANA AGATE:

"Candle" your agate to see what is inside. Use a bright lamp with a metal or opaque shade (a mechanic's trouble lamp is good) in a darkened room. Wet the agate, hold the agate under the lamp TOUCHING THE EDGE OF THE SHADE TO THE AGATE so the light goes INTO and through the agate, NOT so it reflects off the surface. You can see some distance into the agate and make an informed guess about what is there and how to cut it. By Tom Harmon of Crane, Montana, via San Diego Lapidary Society, 1/00, Del Air Bulletin, 2/00, CHIPS, March, 2000.

TIPS ON BUYING FACETING ROUGH:

1. Do not buy rough that sparkles. Flashes inside a piece of rough material are caused by internal flaws. Cutting this rough will yield more flaws and a lot smaller stone than you thought you could get.
 2. Do not buy tourmaline that has a dark, inky-looking C-axis. Stones cut from this material will almost always be murky.
 3. The best rough will look like a hard piece of crystal glass.
 4. When buying rough by the piece, always remember the depth to width ratio of the stone you are trying to cut.
 5. Whenever possible, buy rough by the largest parcel you can afford. Grade a portion of it, then bid on the whole parcel.
- From Chips & Tips via The Nugget 6/99, CHIPS, March, 2000

HOW TO WORK AMBER:

Use wet/dry sandpaper, sand amber wet. Start with 100 grit. Take off all outer coating. Dip in water, then hold against strong light to locate possible insects. Shape and/or round corners with metal file. Using 200 grit sandpaper, sand wet until all deep scratches from 100 grit are gone. Finish sanding with 600 grit, wet. Use circular motion to prevent long scratches. Let piece dry. Check finish closely to find bad spots and remove them before going on. Put regular toothpaste on wet washcloth. Make a paste and rub amber to polish it. (Note - Gel type toothpaste isn't abrasive enough.)

Delvings 8/98, via The Geode 11/99, CHIPS, March, 2000

NEW MEXICO BUREAU OF MINES AND MINERAL RESOURCES:

Located on the campus of the Institute of Mining and Technology in Socorro, New Mexico. It is the home to what is widely recognized as the best and most complete collection of New Mexico minerals anywhere and one of the better overall collections of minerals in the southwestern United States. The collection, which began as a rather hastily assembled group of several hundred specimens in 1898, has evolved through prosperity and depression, fame and tragedy to a superb treasure of over 10,000 categorized pieces today. The museum continues to play an active role, as it has for almost 100 years, of participating in major educational events and mineral shows and also provides aesthetic, educational and scientific benefits to amateur rockhounds, professional earth scientists and students of all ages. The display cases are well lighted and all items on display are labeled.

ROCK CHIPS, Deming, April, 2000

GeoSearch Engine and Directory

from Kemp LeMunion

A new Internet search engine is now available. Called GeoSearch, it is a geology related Directory which includes rocks, fossils, minerals, gems, meteorites and all related sales, tours and information sites.

The goal of GeoSearch is to provide a "one stop shop" for those interested in the hobby without having to search through non-related web pages. Visitors are encouraged to add their own related web sites to the directory.

The URL for the site is:

<<http://www.binary.net/treasure>>



AFMS NEWSLETTER
MARCH, 2000

As A Rockhound Sees It

via *Cross Timbers Talks*, August 1989

Sheer Luck – someone else's good find.

Hard work and brains – your own good find.

Greed – someone else's large quantity of one specimen.

Foresight – your own large quantity of one specimen.

Stinginess – someone else's refusal to share good rock locations.

Shrewdness – your own refusal to share good rock locations.

Bunch of junk – someone else's collection.

Museum pieces – your own collection.

Botched up job – someone else's first lapidary attempt.

nising beginning – your own first lapidary attempt.

NATURAL and TREATED TURQUOISE

by Leon Gilmore

Natural turquoise is any turquoise that has not been altered in any way. The test for this is a touch of ammonia to the back of a piece to be treated. Natural turquoise will not turn white.

Enhanced turquoise is a hard turquoise with poor color. It is electrochemically treated by being placed in a bath much like a plating solution and then treated. The test for this material is a touch of oxalic acid which will turn the turquoise white.

Stabilized turquoise makes up 90% of the turquoise mined today. It is a chalk turquoise that has been stabilized by drying and then placing in a vacuum chamber, then flooding the chamber with an epoxy material, generally clinoepoxide, then pouring off the excess and flooding it with setting mordant and pressurizing the chamber to force the mordant into the turquoise. This sets up the clinoepoxide so the turquoise won't absorb oils or break easily.

Reconstructed turquoise is a chalk turquoise which has been crushed, then resins and dyes are added and the mixture is compressed into a solid block.

Baked turquoise is turquoise which has been set on Devcon or some other substances to make it thicker and stabilize it to keep it from breaking. Usually, it is used on stabilized turquoise and on small pieces of natural turquoise to provide a flat back so they may be easily set.

Processes for changing the color include:

The **Navajo** method: Boil turquoise in mutton fat, causing the turquoise to turn green. The Navajo consider the blue turquoise as male, and the green turquoise as female.

The **Hippy** method: Take a ballpoint pen and dissolve the ink in alcohol, then soak and dry the turquoise.

The **Chemical** method: Soak the turquoise in potassium ferrocyanide, then soak it in a second solution of ferric ammonium citrate. This is also called the 'blueprint' process.

from "Garnet Gazetteer", via "Chips", 1/2000

GHOST SHEET, MARCH 2000

AFMS NEWSLETTER
MARCH, 2000

AGATES

Agates are the workhorses of the stone world; slow forming, steady and reliable. Agates are like strong medicine. When you need strength, protection or support, there is surely one agate that does the job right. You can find these in a variety of patterns and colors. A family of variegated **chalcedony** or **sard**, they show color bands, spots or markings. Some are stiped, some speckled, some fossilized and some are a solid color. For identity purposes, agates are often named for the locality where they are found.

Agates have been used for ornamentation and physical healing amulets, dating back to Babylon. Their medical uses continued throughout Ancient Greek and Egyptian civilizations, spreading throughout Africa and the Middle East into Russia. Folklore mentions the use of agates as early as the 8th Century. They were often added to other stones to secure the actions of a stone.

Rhodochrosite, a pink lace agate, discovered by the Incas, was used with moonstone or garnet ornaments to increase the overall pink hue.

The **Carnelian**, an orange agate, was once one of the agates most prized by the Egyptians to represent nature organized into a building form or shape.

Legends mention the power of agates to secure the wearer from danger and to protect children from falling. They were believed to endow their owners with strength, courage, security and even healing of fears. Early physicians used them for abdominal strengthening.

Agates are found all over the world, with some of the finest specimens occurring in the southwestern United States.

*Excerpts from "Stone Power" by Dorothy Mella,
via "Conglomerate" 2/2000*

GHOST SHEET, March 2000

NEW ADDRESSES:

Pick up at meeting, new printed address for Bill & Doris Usrey, local address for Kim, Hilde, their daughter Elin, their son Runar and their daughter Birta. Welcome new members Bill and Melba Sagaser. Rosters can be picked up at next meeting.

CFMS GOLD & GEM SHOW

Riverside Convention Center

August 4, 5, 6 — 2000

It's time to think about your exhibits for the show. Letters will be sent sometime after mid-February to guest exhibitors whose names appeared on exhibitor lists from previous shows. Don't feel that if you don't receive a letter, you can't exhibit! People who didn't receive a letter have either indicated that they will be unable to attend or they didn't exhibit non-competitively at a recent show and therefore did not appear on any of the lists. Everyone is welcome to exhibit. Exhibit forms were included in the information packet given or mailed to your Federation director last fall. If you have Internet access, you can log onto the CFMS website and download a copy of the form as well as all the other registration forms.

Quality exhibits are the heart of a club or Federation sponsored show. Yes, people come to buy from the dealers, but the exhibit section is what sets us apart from the commercially sponsored shows. The exhibits sow the seeds of interest in the person who is considering our activities as something they would like to learn more about. Seeing the exhibits on display by the local club is what initially hooked me on lapidary and later on the study of minerals many years ago.

The California Federation shows enjoy a nationwide reputation for having GREAT exhibits. I have attended shows in all but one of the other regional federations and feel proud of what our members do to enhance our shows. I'm calling upon all of you to help us keep up that proud tradition!

See you in Riverside!!!

Pat LaRue

Registration/Exhibit Chair

FEDERATION REPORT:

I have raffle tickets and applications for show cases. See me at the education meeting. I will not be able to attend the convention, so we need someone from the club who can. Kathy Messersmith
Federation Director

MAY ROCK TRIP:

No one had signed up for trip, so had just about decided to cancel it altogether when I got a call from Iris and she and the Oleacheas had decided to go on trip. Left about 8:00 Saturday morning and met Iris, Bob and Margaret at Fallon. We got motel rooms in Fallon and headed out to Grimes Point, then on to Salt Wells area, about 12 miles farther east on Highway 50. Turned off 50 and went in about 6 miles to a spot I found 2 years ago. Someone else had been to the area and picked up all the mineralized limb casts that had been laying all over the area. I still haven't found the geodes that are supposed to be in there. Did find a few broken ones and Margaret found a small broken agate ball. Bob O. did come back with a couple pieces of rhyolite at this area that are different from that at Rainbow Mt. We then went back to Grimes Point and the rest of the way into the Wonderstone area. The old road is fenced off but the guy who has the claim has been real nice about it. He has run a road around his fence line and has a sign point the way to Rainbow Mt. and also to Green-Mt. We wandered around the Red Mt. area collecting rhyolite and small mineralized limb casts until after 7:00 pm and then headed back to Fallon. Inez and I went over to the casino for dinner and made a small donation to the casino (9 quarters) while we were at it. The group got together and had breakfast at the casino the next morning and started out about 8:45. Went out 50 to Scheelite Mine road to a wood area. Bob O. walked a long way out over the hills. When he came back I showed him one of the large mineralized trees buried in area. One tree was completely gone, you could see where a truck had backed in and pulled it out. Bob worked for a half hour and did manage to cut a section of a whole tree about 12 inches thick. This he broke into 3 pieces. He drove his truck out to the base of the hill and he and Margaret put close to 200 pounds of mineralized tree into his truck. We went on to a small ridge about 15 miles west of 50. We spread out and Iris, Inez and I stayed close to the ridge and collected agate and green tinged chaledony agate nodules. We all got at least a couple big bags full. Margaret came back with a couple nice clusters of crystals. She and Bob had wandered over the hills. All in all a good trip with good people.

I have had no calls for the trip to Stoney Ford, so will go to Pilot Hill for dendritic agate and common opal. Meet at Sierra College Blvd. Ride Share June 10 at 8:30 to 9:00 am. A second trip in June will be 16-17-18-19 June to Davis Creek for obsidian, Plush, Oregon for sunstones, to the top of Hart Mt. for jasper and wood in the old lake bed. Will head back Monday 19 June.

CO-OP FIELD TRIPS UPDATE:

June 18, 19. McDermitt, Contact Vicki VanWhy (530) 477-6825
June 20, 21. Willow Creek Res. NV. June 22, 23. Wildhorse Res. NV. June 24, 25. Elko, NV, Contact Vicki (all pushed back a week).
July 1,2. Lovelock, NV, Contact Debbie Bunn
July 8-16 - Crowell Jct., Utah. Dugway geodes/topaz/snowflake obsidian/wood/ septarian nodules, etc. Will Corey MLMS (209) 383-5037 (RRR field trip leader may go on this one).

**COME OUT AND SUPPORT
YOUR NEIGHBORING ROCK
CLUB SHOWS!!!!**

JULY 8 - 9; CULVER CITY, CA
Culver City Rock & Mineral Club
Culver city Veterans Memorial Complex
4117 Overland Avenue
Hours: Sat. 10 - 6; Sun. 10 - 5

JULY 14 - 15; ARROYO GRANDE, CA
Orcutt Mineral society, Inc.
Arroyo Grande High School Parking Lot
Fair Oaks & Valley Road

AUGUST 5 - 6; SAN FRANCISCO, CA
San Francisco Gem Mineral Society
Golden Gate Park
9th Ave. & Lincoln Way
Hours: Sat. 10 - 6; Sun. 10 - 5
Ellen Nott (415) 564-4230

SEPTEMBER 16 - 17; PASO ROBLES, CA
Santa Lucia Rockhounds
Pioneer Park and Museum
2010 Riverside Avenue
Hours: Sat. 10 - 6; Sun. 10 - 5
Harry Kuffel (805) 467-3457

SEPTEMBER 23; LOS ALTOS, CA
Peninsula Gem & Geology Society
Los Altos Rancho Shopping Center
Foothill Expressway & Springer Road
Hours: 9:30 to 4:45
Frank Dina (650) 907 3424

SEPTEMBER 30 - OCTOBER 1; VISTA, CA
Vista Gem & Mineral Society
Brenge Terrace Community Recreation
Center; 1200 Vale Terrace Drive
Hours: 10 - 5 both days
Mary Anne Mital (760) 758-4599 or
Tony Meredith (760) 945-2392

OCTOBER 7 - 8; TURLOCK, CA
The Faceters Guild of Northern California Inc. At the Stanislaus County Fairgrounds; 900N. Broadway St.
Hours: Sat. 10 - 5; Sun. 10 - 4
Al Whitney (209) 465-9588

OCTOBER 14 - 15; GRASS VALLEY, CA
Nevada County Gem & Mineral Society
Nevada County Fairgrounds - Main
Street Hall; 11228 McCourtney Road
Hours: 10 - 5 both days
Vicky Van Why (530) 477-6825

OCTOBER 14 - 15; TRONA, CA
Searles Lake Gem & Mineral Society
13337 Main St.
Hours: Sat. 8 - 5; Sun. 8 - 4
Bonnie Fairchild (760) 372-5356
FAX- 760-372-4977
Web Page: www.iwvisp.com/tronagemclub

AFMS/RMFMS

Combined American Fed.
& Rocky Mtn. Fed.

OCTOBER 12 - 15, 2000; MOAB, UT
Points and Pebbles Club - Hosts
Moab Valley Inn
Show Chairman: Dean Richardson;
1223 North 1500 West
Moab, UT 84532 (801) 595-6750

Orcutt Mineral Society
PRESENTS THE ANNUAL



**ROCKHOUND TAILGATING
ROCK & GEM FESTIVAL**

JEWELRY - GEM MATERIAL - COLLECTIBLE ITEMS
ANTIQUES - UNUSUAL GIFTS - ROUGH ROCKS & SLABS
FOSSILS - MINERALS - LAPIDARY EQUIPMENT DEMOS

JULY 14th - 16th, 2000

ARROYO GRANDE HIGH SCHOOL PARKING LOT
Fair Oaks Road, Arroyo Grande, CA

Free Admission - Free Parking

Sponsored by
ORCUTT MINERAL SOCIETY, Inc.
Box 106, Santa Maria, CA 93456

Contact: Wes Lingerfelt, PO Box 176, Nipomo, CA 93444-0176
Email: Rocks4u@prodigy.net

The Orcutt Mineral Society is a Public Benefit, Non-Profit Corporation



- DISPLAYS
- DEALERS
- FIELD TRIPS
- CAMPER HOOK-UPS
- RAFFLES
- DEMONSTRATIONS
- YE-OLD TIMERS BREAKFAST
- DOOR PRIZES

TALLMAN ROCK CHIPPERS
20th Annual Show, Aug 12-13.
Lake County Fairgrounds, Lakeview, OR
Ed note - Nice people, good field trips.