



### *From the President's Pen:*

The summer seems to be flying away at Mach 1.5 for me. My list of fun activities for July include a RRR/CO-OP field trip to Crystal Peak, CA; the CFMS show in Placerville; our annual barbecue potluck; and a CO-OP field trip panning gold in the Sierra Nevada Foothills. Thanks to Charlie Brown, RRR 2002 Field Trip Director and potluck meat wrangler, everyone who attended or participated in the CFMS show and the RRR potluck, our CO-OP of local clubs and its field trips, and every RRR member. I hope to see you, my fellow rockhounds at our meetings or in the field during August. You make the organization whole.

I promised to provide training in crystal structure at an educational meeting recently. Starting this month, I will begin a multi-part educational article as an introduction to mineralogy. I plan to take one step at a time, covering various aspects of this branch of geology, including some basic atomic theory, crystallography (atomic packing), mineral classifications, crystal growth patterns, crystal geometry, optical and physical properties, mineral formation and associations, field identification, and mineral families. Please provide your comments to me, as I hope that this will benefit all members.

*Jim Barton*

See "The Mighty Atom" on Page 5.

### ***VICE PRESIDENT'S COMMENTS:***

Our Educational Meeting for July was our Annual Potluck Dinner. A BIG "Thank You" to Barbara and Charlie Brown for procuring the main meat course for this event. They had quite a time I was told in procuring these items, but in the end, brought some very tasty and plentiful ribs and chicken.

The CFMS Show was very good and the members of the El Dorado Club, which sponsored it, did an excellent job setting it up and putting it on. Of course the Roseville Rock Rollers also helped make the show a success. Many of our members volunteered many hours and days helping the El Dorado Club.

*Robert Oleachea*

### ***EDUCATIONAL PROGRAM FOR AUGUST 13, 2002***

**IT'S THE ICE CREAM SOCIAL!** ☺ Enjoy your dessert with the Rock Rollers! **Setup will start at 6:30 PM, and serving will begin at 7:00 PM.** There will be a silent auction, a show and tell table, and a short business meeting at around 8:00 or 8:15 PM.



A lot of help is needed, as always, for setup. Those of you who can do physical labor, please come early and help setup the tables, chairs and the many other small details that are required to make this affair a memorable one. For those of you who still have the equipment and desire to make homemade ice cream: "This was the original concept when this function was originated way back in the beginning of this club." Break out that machine and bring in your favorite homemade ice cream. For all the others stop by your favorite store and buy the ice cream of your choice, or bring in pastries such as cookies and small cakes. **Note: it is suggested that you put your ice cream in a container to keep it cool. The club doesn't have coolers,** and the ice cream will be melting by the time that part of the evening's function starts.

Diane Killen and Denise Phillips have graciously volunteered to setup and run this month's social event. They are new to the club and this will be their first ice cream social. They will need help, so you old timers come early and help them set up. The club will furnish everything else, coffee, hot water for tea and cocoa, and a mixed soft drink. Also paper plates, cups and utensils. Margareta and I will not be able to attend this social, for we have a more pressing function on this date. So all you other members come out and enjoy a fine evening. Guests are always invited to our Educational Meetings and related functions.

## MINUTES FOR ROSEVILLE ROCK ROLLERS EDUCATIONAL MEETING JULY 9, 2002

1. **Call to Order** – at 6:40 p.m. by President Jim Barton.
2. **Invocation** – led by Charlie Brown.
3. **Pot Luck Dinner.**
4. **Business Meeting** - started at 7:40 p.m.
5. **Flag Salute**
6. **Present:** members 29, juniors 2, guests 2 (Carol Abbot and Ron Killen)
7. **Drawing winners:** member Rob Blazina, junior Ben Phillip and guest Ron Killen.
8. **Announcements:**
  - a. Rock and Gem's Craftsman of the Month was Lillian Kirtley.
  - b. Jim Barton received a letter from the Maidu Interpretive Center acknowledging our donation of \$500.
  - c. Informational Club Post Cards – more locations are needed. (Club has received one back in the mail)
  - d. Display Board – the club received a display of slabs and cabs done by former Auburn club member Bob Lucas.
  - e. CFMS show this weekend at the El Dorado Co. Fairgrounds.
9. **New Members** Denise, Ben and Sarah Phillips were introduced.
10. **Field Trips** – Charlie Brown reported on the Crystal Peak trip and the upcoming trip to Lakeview, OR and Virgin Valley, NV.
11. **Program** – Bob Oleachea thanked all for attending and bring food and the Browns for getting the meat. Leftover meats were sold. A club member is needed to handle the setup for the ice cream social. Diane Killen and Denise Phillips volunteered.
12. **Old Business** – discussion regarding the lapidary classes, still need a location, Frank Yoschak will check out Rocklin High. Charlie Brown attended an awards function given by the Roseville City for volunteers.
13. **Other Business** –
  - a. Rock and Gem subscriptions available at a special rate for club members (2 yrs./\$23). Application copies to be available next meeting.
  - b. Lapidary Journal also has special rates for club members. See Rob Blazina or Bob Oleachea for the discount number.
  - c. Carol Abbot announced a gold panning event on July 25, from 10-2 at the confluence of the North and Middle Forks of the American River.
  - d. Contract signed – Jim Barton stated he signed the room rental contract with Maidu for the year 2003.
14. **Sunshine** – Elton Dean has been ill and unable to attend the meeting. Bob Oleachea will take the club case and Elton's case to the CFMS show this weekend. Darlene Cline will send him a card.
15. **Adjournment** – meeting was adjourned at 8:12 p.m.

Respectfully Submitted,  
Florence Brady, Secretary

## MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING JULY 23, 2002

1. **Meeting** was called to order by President Jim Barton at 7:06 p.m.
2. **In attendance** all officers except: Rob Blazina, Kevin Chesebro, Elton Dean, Jack Messersmith and Betty Soper-Arnold. Guests: Frank Yoschak and Sunshine Chair, Darlene Cline.
3. **Minutes** – for Educational Meeting on July 9, 2002 as distributed and Board Meeting on June 25, 2002 as printed in the bulletin were approved by a motion made by Kym Andrews, seconded by Myron Zents. Motion passed.
4. **Membership** – an application for membership was received from Ronald Killen. A motion to accept Ronald Killen was made by Bob Oleachea, seconded by Myron Zents. Motion passed
5. **Rockhound Stickers** – motion was made by Bob Oleachea, seconded by Charlie Brown to purchase 200 stickers at the 100 stickers for \$25 cost. Motion passed. It was decided to give them to new members in their new member packet and to sell at cost to other members.
6. **CO-OP** – Florence Brady explained the upcoming August 11 meeting, at which each field trip leader is to turn in a proposed field trip for 2003. If the existing meeting schedule is continued, RRR would be the host club for the annual seminar/rock auction meeting in February. Jim Barton plans to attend the meeting.
7. **Programs** – Vice President Bob Oleachea will not be able to attend the August Educational Meeting. Plans for conducting the meeting, business agenda, setup and takedown were discussed. The meeting will start at 7:00 p.m., with setup starting at 6:30 p.m.
8. **Bulletin Editor** – discussed was an article written by Terry Yoschak, editor, on the CFMS show. The Board approved the revised version provided by Frank Yoschak.
9. **Treasurer**- Rob Blazina was absent.
10. **Federation Director** – Jack Messersmith left a packet of materials, which he received at the July CFMS meeting with Jim Barton. (He was unable to attend this Board Meeting.)
11. **Field Trips** – Charlie Brown spoke on past trips and the upcoming trip to Tallman Show in Lakeview, OR and then to the Virgin Valley, NV. The last trip will be to Bolinas. He stated he will not be the field trip chairman for next year. He thanked all who helped with the lapidary classes and the field trips.
12. **Librarian** – Nettie Moore had no report.
13. **Show** – both chairpersons have been or are still in the hospital. Jim Barton will check and see if any help is needed at this time or later.
14. **Sunshine** – Darlene Cline sent cards to: Elton Dean, Stephan Brophy and Betty Soper-Arnold. She has received donated cards from Lillian Kirtley and donated stamps from Charles Cline.
15. **Old Business** --
  - a. Club Phone – Bob Oleachea will type out the procedure for checking messages. Jim Barton spoke to an interested person regarding the junior program.
  - b. Information Cards – the 4 boxes are at the following locations: Loomis Library (Charlie Brown), Oak St. Main Library (Nettie Moore), Pearsons (Clarks) and possibly Granite Bay Library (Kevin Chesebro). Extra cards are to be given to the persons listed after the locations. We will see if some more boxes can be made and distributed.

(CONTINUED NEXT PAGE)

**MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING JULY 23, 2002 (continued)**

- 16. **New Business** –
  - a. Editors' Breakfast at CFMS show – club received a Scribe 2002 disk donated by Jim Barton.
  - b. CFMS Awards – received for: Editor for a Small Bulletin. Myron Zents article, Bob Oleachea's article, Karla Shannon's article all received an Honorable Mention award. Jim Barton received a Plaque for his submitted "Advanced Adult Article". The Club received a Silver Certificate for the All American Award. These awards will be distributed at the Education Meeting.
  - c. Rock & Gem discount subscription forms were distributed.
  - d. Club Equipment – Bob Oleachea plans to buy some storage boxes for lapidary material. The slabs which were obtained for use in the classes will be put in the silent auction. He has a trim saw and 2 gem tech machines, plus the club's fax machine.
  - e. Club Exhibit Case – Bob Oleachea has the case and received an application to place it in the American River Club's show.
- 17. **Adjournment** – meeting was adjourned at 8:53 p.m.

Respectfully Submitted,  
Florence Brady, Secretary

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***Congratulations, RRR Award winners!***  
(see Item 16b above)

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***Shop Tips***

What to do with that sludge: Here is one suggestion. Dump the sludge from the water tray of your Genie onto your chrysanthemums. Walt Brundage of the Shawnee G&MS does. He gets all kinds of different colors in the flowers from the mineral content of sludge!

*From Rock Rollers 8/00 via Breccia 2001 via Tektite 3/01*

**Sandpaper Tip**

As hobbyists, we use a lot of sandpaper. Often, tearing off a piece and wrapping it around the nearest finger leaves something to be desired. Try this: Save some ice cream sticks. Clean them good and let them dry. Get some sanding disk adhesive. Glue the sandpaper to the ice cream sticks, and trim them with scissors. Instant sanding sticks.

*From the Breccia 10/00 via Tektite 12/00*

***Editor's Note: We have not tried any of these tips. Use at your own risk!***

*Welcome New Member*

--- Ronald Killen ---

We hope to see you at all the meetings, and we hope you will take advantage of our Club's many perks, including field trips, books & videos in our library, and the opportunity to learn and grow with others who share this wonderful hobby!

***AUGUST BOARD MEETING:***

August 27, 2002, 7 p.m. Tiny Tots Room, Maidu Center

***JUNIOR MEETINGS:***

Please contact Kevin Chesebro for information about future meetings and activities. 916-797-1963.



***SUNSHINE:***

Get well cards were sent to Elton Dean, who has been in the hospital with vascular problems affecting his legs.

Get well cards were sent to Betty Soper-Arnold, who had heart valve surgery. She is now home from the hospital and doing well, but is not "up and around" yet.

A sympathy card was sent to Stephan Brophy, whose younger sister passed away.

When you have items for Sunshine please call Darlene Cline at 916-723-4938.

***ROCK ROLLER FIELD TRIPS***

*Charlie Brown, Chairperson*

Aug. 8-13 Lake View, OR "Tallman Gem & Mineral Show" & Virgin Valley, NV for fire opals

Sept. 14 Beach - Bolinas, CA for fossils, agates

Oct. 5 Iowa Hill, CA for Tremolite a.k.a. California Tiger Eye!



*\* Contact Charlie Brown to sign up for a field trip (916) 652-4240*

**AUGUST BIRTHDAYS**

- 8/5 Eugene Perman
- 8/5 John Carrick
- 8/7 Margaret Oleachea
- 8/14 Henry Sacra
- 8/19 Bob Oleachea
- 8/21 Alexander Chesebro
- 8/26 Birta Dehuyne



**AUGUST'S BIRTHSTONES**

In the Middle Ages August's birthstone was topaz. In modern times we have a choice of Peridot or Sardonyx.

**Peridot**

Peridot, also known as Crysolite, is found in New Mexico and Arizona. Beautiful dark green gems are found in Burma, but the most impressive stones up to 4" in diameter come from St. Johns Island in the Red Sea. It is an olivine stone with a Mohs hardness of 6.5 to 7, a glassy luster, an imperfect cleavage, pale green color and is found in basaltic volcanic rock. One interesting note is that diamonds are found in olivine bearing rock. As early as 1580 BC peridot beads are found in Egypt. Pliny the Elder described a stone, which was obviously peridot from the volcanic island of Topazas in the Red Sea. Napoleon brought back peridot from Egypt to Europe where it remained a very popular gemstone until the Victorian period. The world's largest Peridot (310 carats) is in the Smithsonian.

**Sardonyx**

Sardonyx is composed of Sard (Carnelian) and chalcedony. In medieval times it was worn to ward off the plague. It is often used for cameo work because of its alternating layers of brownish red and white. In the Bible's book of Revelation Sardonyx was described as one of the foundation stones of the city of God.

*Kymberly Andrews*

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**Did You Know?**

Gems are weighted in carats. Amber is the lightest gem (SG 1.08); cassiterite is the heaviest (SG 6.9). The carat is derived from the weight of a seed of the carob or locust tree of the Mediterranean. It weighs 1/5<sup>th</sup> of a gram. Each carat consists of 100 points.

*from Strata Data 2/01 via Chip & Lick 5/01*

**COOP and NFBT FIELD TRIPS**

- Aug. 17 Aug.18 backup date Garnet Hill, CA for garnets. Club Sponsor: El Dorado Co. Club. Contact: Fred Ott, (530) 677-8440, fred.ott.b8t5@statefarm.com
- Aug. 17 Coulterville (for Mariposite) & Mariposa (State Museum). Club Sponsor: Monterey Bay Mineral Society (a NBFT club). Contact: Gary & Teri Beck (831) 679-2896. Trip may be cancelled if there is a lack of interest.
- Aug. 23,24,25 Virgin Valley/Badger Flat, NV for opal (fee dig) and petrified wood. Club Sponsor: El Dorado Co. Club. Contact: Fred Ott, (530) 677-8440, fred.ott.b8t5@statefarm.com
- Aug.31,Sept 1,2 Cedarville, CA for petrified wood, agate, obsidian. Club Sponsor: Fossils for Fun. Contact: Debbie Bunn, (916) 929-6665, fossilsff@aol.com
- Sept. 7,8 Kettleman Hills, CA for fossils. Club Sponsor: El Dorado Co. Club & Fossils for Fun. Contact: Debbie Bunn (916) 929-6665, fossilsff@aol.com
- Sept.13,14,15 Broken Hills, Middlegate, NV for opalized wood, fluorite. Club Sponsor: Carmichael Club. Contact: Marlin Stewart, (916) 781-8703 mwlstewart@yahoo.com
- Sept. 21,22 Ludwig, NV for copper-related minerals and local minerals. Club Sponsor: El Dorado Co. Club. Contact: Steve Roberts, (503) 644-8109 sands820@hotmail.com or Barbara Terrill (530) 676-2375, rockit@directcon.net

## Part One, The Mighty Atom:

By Jim Barton

My grandson, Kyle, likes Spiderman, a super hero of the people. In science, the super hero is the atom, a unique building block of the universe. The atom, while invisible to all but the most powerful scientific instruments, contains smaller unique building blocks called subatomic particles.

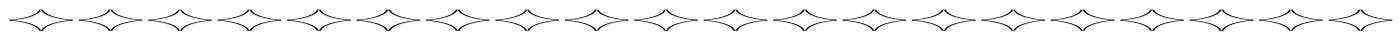
Subatomic particles are composed of physical matter, which is held together in the atom by energy forces. Three subatomic particles of the atom, the proton, the neutron and the electron, and open space provide most of the physical structure of an atom. Protons and neutrons form the central nucleus of the atom, while electrons orbit open space around the nucleus at high speeds, like planets around the Sun.

Atoms can have an equal number of protons and electrons, more electrons, or fewer electrons than protons. Subatomic particles carry either an electrical charge, positive charges for protons, negative charges for electrons, or no electrical charge for neutrons. Opposite electrical charges attract, positive towards negative. Atoms can also share electrons.

Atoms make up the elements, which contain one or more atoms with equal numbers of protons. Examples of elements include gases (Oxygen), solids (Gold), and liquids (Mercury). The Periodic Table of Elements lists all of the natural, and a few man-made, elements. Atoms also make up compounds, which contain different elements bonded together. Elements and compounds are the basis for minerals. As elements and compounds come close to each other, they form bonds and begin to grow into a crystal lattice, in a pattern that is determined by their atomic structure and electrical charges.

In conclusion, the atom, while tiny, gives us a universe of variety with an unknown limit of compounds. Because of this variety, people constantly discover new minerals.

Thanks to my professors at the University of Nebraska at Omaha and my college text (Chemistry, the Central Science, 4<sup>th</sup> Edition, Brown & LeMay) for providing the basis for this article.



## CO-OP MEMBER TRIP TO VIRGIN VALLEY, NV

**WHEN:** August 23rd, 24th and 25th, 2002      **SPONSOR CLUB:** El Dorado Co. Mineral & Gem Society

**COLLECTION MATERIAL:** Opal and Petrified Wood      **MEMBERS' GUESTS:** Allowed

**LEADERS:** Contact for information Fred Ott, 530-677-8440 (evenings) 530-677-5211 (days) e-mail: fred.ott.b8t5@statefarm.com

**MEET:** Dry camp will be established on Friday, August 23rd, at the hot springs known as Virgin Valley Camp or CCC camp.

### PROPOSED SCHEDULE:

Fred and Susan Ott will stay at the Best Western Gold Country Inn in Winnemucca on Thursday night and leave early Friday morning for Virgin Valley. They'll go to the Royal Peacock Mine on Friday and then the Rainbow Ridge mine on Saturday.

**DIRECTIONS TO CAMP:** Take Highway I-80 to Winnemucca, NV, then Highway 95 north; turn left on Highway 140 to Denio Junction; turn left at the junction and continue west on Highway 140 to the Sheldon National Wildlife Refuge.

**CAMP INFO/FACILITIES:** Camp has porta-potties and a hot springs with enclosed showers.

**TOOLS:** Knee pads (especially for those purchasing a bucket of virgin material), long-handled, narrow steel rake, garden hand tools, wide-brimmed hat, buckets.

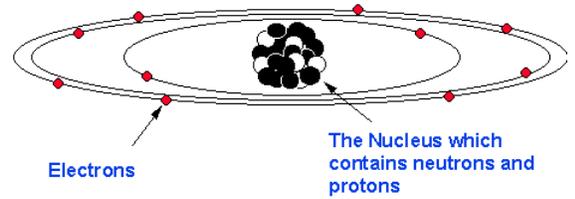
**SAFETY CONCERNS:** Area will probably be very sunny and hot; there is limited shade in the area; bring plenty of drinks, sunscreen.

**CLIMATE/WEATHER:** Hot and sunny; slight possibility of afternoon thundershower.

**SPECIAL CLOTHING:** Wide-brimmed hat; lots of sunscreen

**OTHER REMARKS:** There is a small hotel in Denio for those who don't plan to camp at the hot springs.

**FEES:** (if applicable) Royal Peacock 775-941-0374; open 8:00 am to 4:00 pm; \$70.00 for virgin soil; \$30.00 per person for tailings. Rainbow Ridge: 775-941-0270; 8:00 am to 4:00 pm; \$200 for large loader-bucket of virgin soil; \$35.00 per person for tailings.



## CO-OP MEMBER TRIP TO THE KETTLEMAN HILLS FOSSIL BEDS

**WHEN:** September 7, 2002, Saturday at 9:30 a.m.



**SPONSOR CLUBS:**  
Fossils for Fun and El Dorado County Mineral & Gem Society. By property owners' request, we are allowed only 30 members

on the field trip. Host clubs' members (Fossils for Fun and El Dorado County Gem & Mineral Society) have first priority and then it will be first come, first served from other CFMS affiliated clubs. If the trip fills, there will be a waiting list.

**LEADERS:** Debbie Bunn (916) 929-6665 or e-mail at fossilsff@aol.com or Barbara Terrill (530) 676-2375 or e-mail at rockit@directcon.net

**COLLECTING:** Variety of fossils: sand dollars, clams, barnacles, gastropods, mussels, whale bone, coral ...etc

**DIRECTIONS:** Avenal, CA. JP Oil Company Gate is approximately 3 miles on the left on Skyline Blvd. (HWY 269) from Interstate 5 exit for the city of Avenal.

**VEHICLE REQUIREMENTS:** Passenger car OK though roads can be bumpy and sometimes rough.

**ACCOMODATIONS:** Hotels in Kettleman Hills, CA. Camping might be available in the area. Please check websites for local Chamber of Commerce for Kettleman Hills, Avenal, or Coalinga, CA. RV parks in the area: Kettleman City RV, I-5 and Route 41. 800-258-0537 or Somerville's Almond Tree RV Park, Jayne Ave. exit (east of Coalinga) 559-935-0711.

**TOOLS:** Standard fossil collecting tools: picks, shovels, trowels, brushes and containers.

### SAFETY CONCERNS:

This area is well known for Valley Fever. Dust masks should be used if you have a concern. Scorpions & rattlesnakes make their home here and although ridges and overhangs look stable, this soil is sandy and soft and could collapse - be aware of that danger.

**WEATHER:** HOT HOT HOT!! Temperatures can be in the 100's. Have plenty of water, sunscreen and protection against sun. Dress appropriately in lightweight cottons. Long pants and sleeves are recommended.

## CO-OP MEMBER TRIP TO BROKEN HILLS

**LOCATION** – Broken Hills, south of Middlegate, NV

**WHEN** – September 13,14, 15, 2002

**SPONSOR CLUB** -- Carmichael Gem & Mineral

**MEMBER'S GUESTS** -- Allowed

**COLLECTION MATERIAL** -- opalized wood and maybe fluorite

**LEADERS & CONTACT INFO** -- Marlin Stewart (916) 781-8703 mwlstewart@yahoo.com and John Shoemaker (916) 966-3861 shoe54@accessbee.com

**PROPOSED SCHEDULE** -- meet on September 13, 2002 at 11:00 a.m. sharp at the Middlegate, NV Store. Field trips will take place on all three days.

**DIRECTIONS TO MEETING SITE** – from Fallon, NV, take Highway 50 East approximately 47 miles to Middlegate, NV. (The store is on the large wide spot on right side of highway.)

**VEHICLE REQ'S** -- all vehicles to campsite, high clearance vehicles to dig sites.

**CAMP/FACILITIES** -- dry camping or contact Middlegate Store, they make have some spots with limited hookups.

**TOOLS** – picks, shovels, 5 gal. buckets, containers

**SAFETY CONCERNS** -- use goggles, watch for rattlesnakes, use protection from the sun

**CLIMATE/WEATHER** -- desert climate, 4,000 ft. elevation

**CLOTHING** -- wear layers, be prepared for any weather

**OTHER REMARKS** -- the large wood is approximately 5+ feet down. Small pieces for cutting and/or tumbling can be picked up around the pits. Small pieces of green opalized wood approximately 4-6" deep on some hills. (Use 5 gal. buckets to remove the dirt from the pits when digging down for the wood.)



*The New Rockhound Sticker*

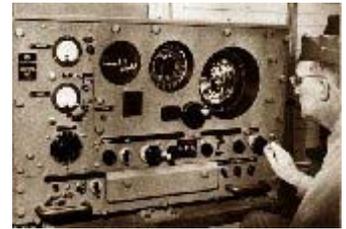
*Yellow background, black text and picture of hammer*

## **Talc -- The Mineral that Won the War**

*By Walt Margerum, Bulletin of the Mineralogical Society of Southern California 7/02*

If your only contact with talc is the powder that comes from cans the above statement may seem absurd, but it is not far from the truth. Ben M. Page in California Division of Mines Special Report 8 "Talc Deposits of Steatite Grade, Inyo County California" states Steatite is exceptionally pure talc suitable for the manufacture of high-frequency radio insulators and for other exacting uses. It was a critical mineral during World War II. At the beginning of the war there was a single major domestic source, the Talc City mine, Inyo County California. During WWII the government decreed that all the steatite was to be used in high-frequency radios. There are two definitions of steatite, the mineralogical definition of massive talc, and the commercial one. The commercial definition of steatite is that it is talc having less than 1.5% lime (CaO), 1.5% Ferric oxide (Fe<sub>2</sub>O<sub>3</sub>), and 4% alumina (Al<sub>2</sub>O<sub>3</sub>) as impurities. It was used in two forms. Blocks of "Lava" talc were machined into the desired shape and then fired to make ceramic insulators. The second and more common method was to grind the talc, and mix it with a binder. This mixture was then molded into the desired shape and fired.

During and after WWII the Southern Inyo Mountains were extensively prospected and 18 talc mines were put into operation. All have since closed, and most have been abandoned. The most extensive deposits were at the Talc City Hills located north of Darwin. The talc is a dull gray, and makes for uninteresting specimens at best. But if you do not have any in your collection you do not have the mineral that won the war. If you still wonder why I call it that, the most important high-frequency radio it was used in was called RADAR!



## **Talc Tips**

*From the Luzenac Group, which produces talc: <http://www.luzenac.com/talc-innov.html>*

- In icy weather, rub talc on your automobile door seals to prevent the doors from frosting up.
- If you have problems with rabbits getting into your garden, spread a band of scented talcum powder around the garden border to keep them out. Rabbits don't like the smell and will not cross the powder. It really works!
- Grease on upholstered furniture can be removed by sprinkling talcum powder over the mark. Let stand for 15 minutes or until grease is absorbed. Brush off the powder. Repeat if necessary.
- For squeaky clean crystal glasses, wash them in a mixture of water and talc and dry with a tea towel.
- If your automobile engine is leaking oil and you can't find the source, try dusting the clean engine surfaces with talcum powder. The powder will absorb the oil and you'll be able to follow the oil's trail in the talc.
- Stop floor boards from squeaking by sprinkling liberal amounts of talcum powder over the area and cover with a cloth. Walk over the area repeatedly to work the powder into the cracks. Add more powder and repeat. This should silence the squeak.
- Talcum powder can help frustrated golfers to practice putting indoors during the winter months! Dip the golf ball in talcum powder and position the ball so that the club at impact hits the back of the powdered ball. After the putt, examine the club face and you will see the point where you contacted the ball.
- If you wet the pages of a book accidentally, sprinkle each page with talc and spread it with a soft cloth. Leave the book under a weight for a few days and then brush off the excess talc. The pages of your book will be like new again.
- To keep your scissors from getting sticky when you are cutting a sticky surface, dust the blades with talcum powder before cutting.



**Talc Sculpture:** *Hopewell Indian effigy of a panther carved from steatite (massive talc, or soapstone), circa AD 100-400. Length: 19.9 cm (7.8 in). Found in Indiana, 1916.*

## Upcoming Northern California Shows

### AUGUST

**August 17-18 2002, San Francisco, CA**  
San Francisco Gem & Mineral Society  
Fort Mason Center's Herbst Pavilion  
Marina Blvd. & Buchanan Street  
Hours: Sat 10-6 Sun 10-5  
Ellen Nott

**August 30 - Sept 2, 2002, Fort Bragg, CA**  
Mendocino Coast Gem & Mineral Society  
Town Hall, Main & Laurel  
Hours: Fri.- Sun. 10 - 6 Mon. 10 - 4  
Don McDonell (707) 964-3116  
643 N. McPerson; Fort Bragg, CA 95437

### SEPTEMBER

**September 20-21 2002, Redwood City, CA**  
Sequoia Gem and Mineral Society  
Community Activities Bldg.  
1400 Roosevelt Ave.  
Hours: 10-5 both days  
Carol Corden (650) 776-5990

**September 21-22, Jackson, CA**  
Kennedy Mine 9am-5pm  
2nd Annual Tailgate Gemboree  
Fossils for Fun  
contact Debbie Bunn 916-929-6665

**September 21-22 2002, Paso Robles, CA**  
Santa Lucia Rockhounds  
Pioneer Museum, 2010 Riverside Ave.  
Hours: 10-5 both days  
Harry Kuffel (805) 467-3457

**September 28 2002, Los Altos, CA**  
Peninsula Gem & Mineral Society  
Rancho Shopping Center  
Foothill Expressway and Springer Rd.  
Hours: 9:30 - 4:45  
Frank Dina (650) 967-3424

**September 28-29 2002, Monterey, CA**  
Carmel Valley Gem & Mineral Society  
Monterey Fairgrounds, 2004 Fairgrounds Rd  
Hours: Sat 10-6 Sun 10-5  
Sky Paxton (831) 663-6978  
sky@familystones.net  
Or Janis Rovetti (831) 657-1933

### OCTOBER

**October 12-13 2002, Fresno, CA**  
Fresno Gem & Mineral Society  
Big Fresno Fair, 1121 S. Chance Avenue  
Hours: 11-10  
Newman Gill (559) 841-7765

## *The CFMS Show: July 12 - 14, 2002*



**The Rock Roller Display Case**

“Treasures of the Sierra Nevada,” held at the El Dorado County Fairgrounds in Placerville, was very successful, thanks in part to many hours of volunteer work by members of the Rock Rollers. Despite the 100° heat on all three days of the show, RRR enthusiasm was high, and **Jim Barton**, who

worked in the food service area and the Club geode sales Friday and attended the Awards Dinner Saturday and Editor's Breakfast Sunday, says: “I received many thanks from the sponsoring club (El Dorado Mineral and Gem Society) for our volunteer contribution. I was told that our helping made a difference.”

**Bob & Margareta Oleachea** arrived the day before the show, working from 8:00 am till after 2:00 PM helping set-up, and putting in the RRR club case. They also helped with takedown, working until after 8:30 PM on Sunday. **Hugh and Florence Brady** helped with the setup, and also worked both Friday and Sunday at the Club's activities, silent auction, grab bags and geode sales. They also worked until 7:30 p.m. Sunday with takedown.

**Jack Messersmith** was there to greet us at the entrance to the Main building on Friday, helping out as needed. **Kathy Messersmith** worked in the food service area both Friday and Saturday. **Kymerly & Rolf Andrews** both worked in the food service area on Saturday. **Milt Houston** worked at the geodes and grab bags sales on Saturday. **Lois Houston** worked at the Wheel and youth activities on Saturday.

Editor's personal comments:

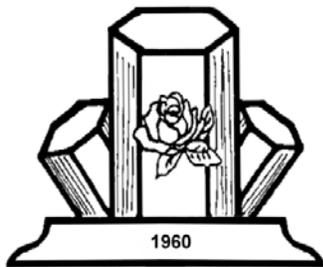
Frank & I attended the show on Friday. We chatted with **Iris Geiser** at the J&I Lapidary booth, and enjoyed the demonstration at the A.D. Flintknappers booth. We bought various items at other booths, including some jewelry, some small jade carvings, and some mineral specimens. We visited all the displays and thought many of them were spectacular, especially the fluorescent ones in the special tent.

Then there's that category of “beautiful, tempting items that we can't afford, but we love to look at anyway,” which is always part of the lure of any gem & mineral show. Magnificent faceted gemstones, huge amethyst geodes, exotic mineral carvings, jewelry fit for a princess! It was all there. If I were forced to pick a favorite, I would vote for the beautiful benitoite shown at the Phelps'e & Me booth. I'm sure all of you who visited the show can remember your own favorites.

We had planned to spend most of the day at the show, but the heat caused us to leave by 2:30. The Main building was bearable, but the buildings where the displays were held were simply too hot – I suspect this may have caused many others to cut short their visit as well.

We sympathize with the El Dorado club which had to clean up an enormous mess left behind by a few show dealers. Facilities require the clubs to leave behind a clean building and the clubs may have to consider an additional cleanup deposit from dealers if they do not do a better job of self-policing.

The AFMS Code of Ethics, or the rockhound project H.E.L.P. (Help Eliminate Litter Please), which apply to collecting areas, surely ought to apply to shows also.



the  
**ROLLIN'  
ROCK**

ROSEVILLE ROCK ROLLERS, INC.

MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES  
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES  
VOL 43 NO. 8 AUGUST 2002

EDUCATIONAL MEETING  
JUNIOR MEETING  
EXECUTIVE BOARD MEETING

2<sup>ND</sup> TUESDAY OF EACH MONTH, 7:00 PM  
CONTACT KEVIN CHESEBRO  
4<sup>TH</sup> TUESDAY OF EACH MONTH, 7:00 PM

LOCATION: MAIDU COMMUNITY CENTER, MEETING ROOM 1, 1551 MAIDU DR.  
ROSEVILLE, CA

EXCEPTIONS: JULY POTLUCK, AUGUST ICE CREAM SOCIAL, DECEMBER DINNER

*Changes and locations will be published in the bulletin.*

**GUESTS AND VISITORS ALWAYS WELCOME**

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