

9-1993

Oct 6

7 PM

815 N Harbor

---



SEARCHERS GEM AND MINERAL SOCIETY, INC.  
Established June 20, 1958  
Mailing Address: P.O.Box 3492, Anaheim, CA 92804

CLUB OFFICERS

President	Merle Howe	529-3613
1st Vice President	Herbert Beckman	778-1496
2nd Vice President	Phil Martinez	633-5328
Secretary	Beth Pelfrey	774-2754
Treasurer	Margaret Neeley	535-2030
Federation Delegate	George Mitchum	897-2407
Director	Lola Tapia	776-9815

Note: List of Committee Chairpersons will appear  
in Searchers Roster

AFFILIATIONS: California Federation of Mineralogical Societies  
American Federation of Mineralogical Societies

SEARCHERS: The Searchers Gem and Mineral Society, Inc., meets on  
the second Tuesday of each month at the Anaheim Memorial Hospital  
Medical Office Building, 1211 W. La Palma Avenue, Anaheim.  
Meetings begin at 7:30 P.M. Visitors are always welcome.

Membership dues are accepted January through September. Adult  
Members: \$10.00 each, and Junior members \$2.00 each.

Field Trips are usually held on the third weekend of each month.  
These are announced monthly. Trip maps, added activities, time  
changes and other pertinent information will be published in the  
bulletin.

Board Meetings are held on the fourth Wednesday of each month.  
These will be held in the boardroom in the basement of the Anaheim  
Memorial Hospital Medical Office Building at 7:30 P.M.

WORKSHOPS: Workshops have been temporarily cancelled.

Silversmithing - Temporarily cancelled.

REQUIREMENT: Items for the bulletin must be in the hands of the  
editor by the first (1st) Tuesday of each month. Please mail all  
items to:

Jeanne Howe, 1482 Ponderosa Ave. Fullerton, CA 92635

## PRESIDENT'S MESSAGE

It must be Hell (CA). It is so hot and miserable. The kids are back in school, so cooler weather is just around the corner.

Thank God and three lovely Searchers, I now have a nominating committee. **Please**, if you are asked to hold a job (in the Club you love so much) **please accept**.

I didn't think the year would go so fast. I must have been having fun. Thank you all, every one of you. You have made this a very pleasant and easy year.

Merle

## CALENDAR

September 14	Tuesday 7:30	General Meeting
September 22	Wednesday 7:30	Board Meeting
(No field trip in September)		
October 9 & 10		Chuckawalla Field Trip
October 12	Tuesday 7:30	General Meeting

## UPCOMING SHOW DATES

September 18 & 19	Delters Gem & Mineral Society Apollo Neighborhood Serv. Ctr. 2458 Rives Ave. DOWNEY, CA. Sat. & Sun. 10-5
September 25 & 26	Faceters Guild of So. Cal. Orange Co. Fairgrounds, Costa Mesa, CA 25th 10-6, 26th 10-5
October 1,2,3	San Diego Co. Council of G&M Soc Hosted by Palomar G&M of Escondido. Bing Crosby Hall, San Diego Co. Fairgrounds, Del Mar. Fri & Sat 10-6, Sun. 10-5.
October 1-10	Las Vegas Gem Club, Cashman Field Center. 850 N. Las Vegas Blvd. Mon-Thurs. 4pm-10:30pm, Fri. 4pm- 12m, Sat 12 noon-Midnite, Sun 12 noon-10pm.

## SHOW DATES CONTINUED

October 2 & 3                    El Monte Gem & Mineral Club &  
La Puente Gem & Mineral Club  
El Monte Community Center  
3130 Tyler Ave. El Monte  
10-5 Both days

October 9 & 10                Santa Barbara Mineral & Gem Soc.  
Earl Warrne Showgrounds, Hiway  
101 at Las Positas, Santa Bar-  
bara. Sat 10-6, Sun 10-5

October 9 & 10                Victor Valley Gem & Mineral Club  
San Bernardino Co. Fairgrounds  
14800 7th St. Victorville, Ca.  
Sat. 10-6, Sun. 10-5

## FIELD TRIP REPORT

The Searchers Bar B-Q was held August 21st at Yorba Regional Park in Anaheim.

It was good to see 25 Searchers make it. Many of the same members that attended the picnic in July were there.

Again Jeanne and Merle were first on the scene, reserving a terrific spot right near a pond. We arrived from Banning in time to get set up and put the Searchers Banner up before the next members, Joan and Jim Everitt arrived. It was great to see them again.

Queenie and Alf Osborne made it from Corona. They are making plans to celebrate their 60th anniversary with members on the October field trip. Also, a guest from England, Layla, granddaughter of Hal and Doril Pelfrey attended.

Thanks to everyne, again, for contributing delicious food to the pot luck and lots of yummy meats were cooked on the Bar-B-Qs.

There will be no Field trip in September, but we will see you at the Chuckwalla Mts. in October with Jim Everitt leading the way.

See you then,

Phil Martinez.

Ed. Note: In proof reading, I found I had written the above line - See you thin, something the Searchers would have a hard time complying with the way they love to eat!

FROM HERB BECKMAN, Program Chairman.

Our speaker tonight is Lothar Vallot, head of the Geology Department of Rancho Santiago College. Mr. Vallot teaches classes in Colored Stones, and has a jewelry business in Orange County. His talk tonight on gemstones, will be a synopsis of many of his college lectures.

Mr. Carl Ortega is scheduled to talk to us in October on fluorescent minerals. We will also have a silent auction. **PLEASE BRING ROCKS.** To have a lively auction with good materials will add to the club's coffers, and is a pleasant way for everyone to get involved in our money maker. Thanks.

FROM MARVIN AND JACQUE

Gooday Mates, again from Queensland.

After we left the sapphire fields, our next stop was Mackay, on the coast. Got to see a large aquarium with living coral and colorful fish that live at the barrier reef.

We were heading north to get some of the tropical weather. Toured a sugar mill along the way. Then we took a boat trip to the barrier reef. Saw all kinds of coral and those giant clams three feet across. On the way back, saw a rare white humpback whale.

Continued north to Cairns. That is a real tourist area. Saw lots of tropical plants and tried some of the exotic fruit - tasty, but unusual.

From there we went inland to the higher tablelands. That is cattle country whereas the coast is sugar cane farms. Have seen the entire sugar process from farming to milling and finally rum distilling. All very interesting.

We had run into some rockhounds in the outback. Stopped to visit them on the way down. They gave me more samples to bring back. That suitcase is going to be very heavy.

Had to get some big city life after all the remote areas, so we stopped at Brisbane - over one million.

Still working our way to Sydney where we'll get our return flight the middle of September. So this will be the last report. We'll see you in October.

Marvin and Jaque Mog.

We'll be delighted to see Marv and Jacque back, but we'll miss their interesting letters about all their adventures.

## REFRESHMENTS

Refreshments tonight are in charge of Betty Henderson, and are planned to celebrate De McLean's ninetieth birthday.

Joyce Whalin will be our hostess next month.

## HEALTH REPORT

Marge Jordan was moved from Los Alamitos to Saint Joseph Hospital in Orange where she underwent surgery on August 25. They removed the hip, the bone graft and wires previously implanted in an effort to stop the infection. After she recovered sufficiently she was to go to a convalescent facility, but there was no room, and she is now back at Los Alamitos. The nurses and care givers there know her and she is pleased to be with them, if she has to be somewhere. They are hoping to have her out of isolation within a few days. Marge needs your support as this has been a long long ordeal.

Wes Miller is still in Long Beach Memorial Hospital, following a fall from a six foot platform. Wes landed on his head and fractured the first cervical vertebra. He will be in hospital for several months. Wes has feeling and some movement in his legs. He recently was able to shrug his shoulders and wiggle his left hand, also the thumb on his right hand. It will take a long period of therapy. The hospital is located at 2801 Atlantic St. Long Beach 90806. phone 310/933-2131.

127A

During Henry Freedman's recent surgery, he had two blood transfusions. As Mae and a nephew have been turned down as replacement donors, they would be very appreciative if anyone from the Searchers could give blood for Henry. Please call Mae at 774-6665.

## FROM GEORGE MITCHUM, Federation Delegate

The Federation Show to be held at Del Mar in 1994 is scheduled for April 8, 9, and 10 which is considerably earlier in the year than usual, but was the only date available for the Fairgrounds. Because there is so little time to prepare, it is essential that exhibitors return entry forms by November 20 to be included in magazine list of exhibitors. A copy of this registration form is attached to your bulletin. Watch next month for the form to fill out for various show activities and camping reservations.



**CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES  
55TH ANNUAL SHOW & CONVENTION**

**AROUND THE WORLD WITH GEMS**

APRIL 8, 9, 10, 1994  
San Diego County Fairgrounds.  
Del Mar, California

Host Club: El Cajon Valley Gem & Mineral Society

**NON-COMPETITIVE EXHIBIT ENTRY APPLICATION FOR ALL MEMBERS OF CFMS SOCIETIES**

We would like to invite Society members to participate in YOUR Federation Show in April, 1994. If you have an exhibit you would like to display, please fill out this application and mail it to the Non-Competitive Exhibits Chairman, Tom Finley.

Set up will be Thursday, April 7, 1994 from 1:00 p.m. to 10:00 p.m. All exhibits must be set up Thursday unless prior arrangements are made with the Exhibits Chairman. Exhibits must stay in place until closing time at 5:00 p.m. on Sunday, April 10, 1994.

Neither the California Federation of Mineralogical Societies, nor the show Committee can assume any responsibility for loss or damage to the exhibitor's property, material or specimens. Exhibitors must provide their own insurance or assume the risk. Twenty-four hour protection will be provided throughout the show dates beginning Thursday, April 7, 1994.

For exhibitors supplying their own display cases, maximum lighting allowed is 150 watts per 4 foot case; 225 watts for a 6 foot case; 300 watts for an 8 foot case. Three pronged cords are required. Bring your own extension cords.

The deadline for listing of exhibitors in the official program is December 1, 1993. Final deadline for applications is March 7, 1994.

There will be no advertising allowed on or inside the case. The Show Committee reserves the right to remove any case that does not follow the rules.

Tom Finley, Non-Competitive Exhibits Chairman  
1649 Greenfield Drive  
El Cajon, CA 92021 Phone: (619) 447-2044

- - - - - Cut Here and Return Bottom Portion Only - - - - -

Exhibitor's Name \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_  
Street and Number City State Zip

Type of Display \_\_\_\_\_

Society Name \_\_\_\_\_

I have my own case \_\_\_\_\_. Size: H \_\_\_\_\_ W \_\_\_\_\_ D \_\_\_\_\_

I want to rent a case \_\_\_\_\_. Cases are approximately 46" X 24 3/4" X 24" high, upright type with one 100 watt light. Liners and inside risers are not furnished. Rental fee is \$10.00. Please include rental fee with application. (Note: The number of rental cases is limited.)

Signature \_\_\_\_\_ Date \_\_\_\_\_

## FOR SALE:

1974 Star Craft Tent Trailer, Swinger Six. Includes screen room. Sink, stove, ice box. Sleeps six. \$400.00 or best offer. Call Grant Miller 714/870-5408

FOR SALELAPIDARY EQUIPMENTFOR SALE

1. STAR DIAMOND SAW W/6" BLADE AND MOTOR	USED	55.00
2. NOVA DIAMOND WHEEL 6 X 1½" 600 GRIT	NEW	45.00
3. HOODED DOUBLE SHAFT, POLISHER-BUFFER W/SPINDLES, DISCS POLISHES, ETC. ALL ACCESS. INCLUDED.	USED	125.00
4. CLOCK CORE DIAMOND DRILLS, 3 PACK. NEW COST 67.25	NEW	35.00
5. 1 BOX ALUMINUM DOP STICKS, ASST'D SIZES COST 12.50	NEW	7.00
6. FILES (12 TO PACKAGE) COST 12.00	NEW	7.00
7. 19 8" ROUND LEATHER POLISHING PADS COST 2.00 TO 3.00	NEW	1.00 EA.
8. SPHERE LIGHT STAND COST 10.50	NEW	5.25
9. 15,000 RPM CARVING MOTOR (BROKEN FLEX SHAFT, CAN BE REPAIRED)	USED	25.00
10. DREMEL ROUTER ATTACHMENT W/ROUTER BIT	NEW-USED	12.50
11. GOLD PAN (ROCKER TYPE)	NEW	3.00
12. MOTOR HOME WATER PUMP 12 VOLT	NEW	22.50
13. TRUCKERS 130 LB TIRE GAUGE 12" LONG	NEW	7.50
14. 5 LUCITE JEWELRY BOXES	NEW	.50 EA.
15. 8 X 12 STONE DISPLAY CASE (COTTOM INSERT)		3.50

155 PIECES-1228 CARATS OF FINISHED TOURQUOISE CABS IN FLAT GEM DISPLAY CASE.

GEORGE ARVANITES

(714) 838-1924

MEMBERSHIP:

Welcome to new member who joined at our August 93 meeting:

JEFFCOAT, NORMAN C.  
311 NORTH BEACH BOULEVARD  
ANAHEIM, CAL. 92801  
(714) 527-6041

also we have two re-join members from 1992.

BURSON, ROBERT  
KARNES, CAROLYN R.  
1527 DOGWOOD  
ANAHEIM, CAL. 92801  
(714) 535-7156

Our membership now stands at 160 members.

MILLY



## FROM THE BLM NEWS ADVISORY

Public Hearing on habitat for the desert tortoise will be held in Riverside October 6. For further information contact Dave Klinger 503/231-6121. Habitat affects 4.8 million acres in California and 1.8 acres in Nevada, Utah and Arizona.

The following "study books" have been placed in our library by Hal Pelfrey. Make good use of them.

**FEDERAL REGISTER NOTICES:**

<i>Date</i>	<i>Subject</i>	<i>Contact</i>	<i>Phone</i>
7/20/93	Notice of Availability of Final Cajon Pipeline Environmental Impact Statement/Environmental Impact Report, San Bernardino and Los Angeles Counties	Stephen Johnson	714/697-5234
7/22/93	Exchange of Public Lands, El Dorado County	Marianna Wetzel Lopez	916/985-4474
7/22/93	Proposed Reinstatement of Terminated Oil and Gas Lease, Glenn County	Fred O'Ferrall	916/978-4818
7/22/93	Adjustment of Daily Recreation Use Fees, East Mojave National Scenic Area, San Bernardino County	Jim Foote	619/326-3896
7/29/93	Proposed Land Exchange in Merced, Monterey, Fresno and San Benito Counties	Steve Addington	408/637-8183
7/30/93	Federal Onshore Oil and Gas Competitive Leasing	Erick Kaarlela	202/653-2127
8/5/93	Emergency Closure of Public Lands, Trinity and Shasta Counties	Mark Morse	916/224-2100
8/5/93	Proposed Reinstatement of Terminated Oil and Gas Lease, Kern County	Fred O'Ferrall	916/978-4818
8/10/93	Proposed Plan Amendment, Land Exchange and Right-of- Way for Bolo Station Landfill, San Bernardino County	Douglas Romoli	909/697-5230
8/09/93	Noncompetitive Sale of Public Lands, San Bernardino County	Debbie Fowland	602/855-8017
8/12/93	Exchange of Public and Private Lands, Kern and San Luis Obispo Counties	Dan Vaughn	805/861-4236

**CRAFTS & COINS.**

Ever wish you could tell the weight of a stone easily using a familiar item for comparison? Ray Kopman gives us just such a reference. U. S. Coins weight approximately as follows:

Dime	11 carats	
Penny	15 carats	
Nickel	25 carats	
Quarter	28 carats	
Half Dollar	56 carats	from Rock Rollers

**CARE OF IVORY**

Don't put ivory in the dark. It will tend to yellow. If it already has, retard the trend by taking half a lemon, rubbin it in some salt, then rub it over the ivory object. After it is dry, take a soft cloth that has been dampened with lukewarm water and rub the ivory piece to give it a bright new shiny finish.

From Rocky Review

ALICE LUX sent me the following article to share with you.

## Diamond sale yields \$77 million

The Defense National Stockpile Center in Arlington, Va., raised \$77,646,016.94 through the sale of 932,806.43 carats of industrial and near-gem quality diamonds owned by the U.S. Department of Defense. Seventy companies submitted a total of 5,429 individual bids for the diamonds at a June 4 bid opening.

"These dollars will be put to good use, helping to pay for repairs at military installations around the world," said DNSC deputy administrator Robert O'Brien at a June 11 news conference announcing the awards.

The sale is part of an overall DNSC fiscal 1993 sales program that has received congressional approval. As part

of that program, a portion of the more than 40 commodities, including diamonds, of the 91 stored by DNSC are being offered for sale.

DNSC received congressional authorization for the sale of 2 million carats of diamonds this fiscal year. Nearly a million carats were sold as a result of the June 4 offering. The national stockpile center plans to hold another sale of the remaining 1 million or more carats in September.

DNSC has sold diamonds before. More than \$262 million in revenue has been generated since February 1972 through the sale of stones, bort, tools and miscellaneous powder.

These diamonds were originally pur-

chased in the 1940s and 1950s for industrial use. In the decades since they were purchased, however, synthetic materials have replaced diamonds in these applications.

Diamonds are used in automated cutting and grinding processes. A principal use is in grinding wheels to shape and sharpen tungsten carbide cutting tools. They are also used for grinding and drilling hard metals and core drilling of rock.

The Defense National Stockpile Center buys, sells and maintains critical and strategic materials for national defense purposes. ■

— by Beth Offenbacher, public affairs specialist, DLA headquarters

### SAPPHIRES

Corundum, aluminium oxide, constitutes a number of gemstones, the best of which vie with the diamond in value and are surpassed only by the diamond in hardness. Sapphire is one of these corundum gems. It belongs to the hexagonal system which produces six-sided pyramids, or double pyramids, and six-sided prisms which are so rounded as to be almost barrel-shaped.

Sapphires were first known in the east where they are still obtained from placer deposits, being picked out from the gravel by hand or by other methods almost as simple. In many areas where rubies are found, sapphires are more plentiful. Many of the gems come from Burma, Afghanistan and Zimbabwe. The finest come from Sri Lanka and India.

Stones from Australia are dark, and from Montana, USA they are a unique shade of electric blue.

In 1983, the Yogo Gulch mine in Montana produced 200,000 carats of sapphire in limited surface mining. The percentage of the material that was cuttable gem quality was not reported.

Sapphires come in several colors, blue, yellow, champagne and colorless. Some are even a yellow orange, but by far the most popular is a bright cornflower blue.

As with all gems, stories the myths persist, but one of the most appealing is that of the ancient Persians who believed the earth rested on a giant blue sapphire whose reflection colored the sky and the seas.

## A PAGE TO KEEP FOR REFERENCE

## RECOMMENDED POLISHES

CMO=Cerium oxide TO=Tin Oxide LA=Linde-A DIA=Diamond CHO=Chrome Oxide

ACTINOLITE -----TO	LABRADORITE -----TO CHO
AGATE -----CMO TO	LAPIS LAZULI ----TO LA CHO
ALABASTER -----TO	LIMESTONE -----CMO TO LA CHO
AMAZONITE -----TO	LAPIDOLITE -----CHO
AMBER -----TO	MALACHITE -----TO LA CHO
AMBLYGONITE -----TO	MOONSTONE -----TO
ANDALUCITE -----TO	NEPHRITE -----TO LA CHO
APATITE -----LA CHO	OBSIDIAN -----TO CHO
AVENTURINE -----TO	ONYX -----CMO TO CHO
AZURITE -----TO CHO	OPAL -----CMO TO
APOPHYLLITE -----CHO	PERIDOT -----TO LA DIA
ARAGONITE -----CHO	PETRIFIED WOOD --CMO TO LA CHO
AXINITE -----CMO	PHENACITE -----TO
BARITE -----CHO	POLLUCITE -----CMO
BENITOITE-----CMO	QUARTZ -----CMO TO
BERYL -----CMO TO DIA	RHODOCHROSITE ---TO LA CHO
BLOODSTONE -----LA	RHODONITE -----CMO TO LA CHO
BRAZILIANITE -----TO	RUBY -----DIA
CALCITE -----TO CHO	RUTILE -----LA
CASSITERITE -----TO	SAPPHIRE -----DIA
CELESTITE -----CHO	SCAPOLITE -----CMO
CEROSSITE -----CHO	SCHEELITE -----CHO
CHRYSOBERYL -----DIA	SERPENTINE -----TO LA CHO
CORAL -----TO	SMITHSONITE -----TO
CORUNDUM -----DIA	SODALITE -----CMO
DANBURITE -----TO	SOSOLITE -----CMO
DATOLITE -----TO	SPINEL -----TO LA DIA
DIOPSIDE -----CHO	SPHALERITE -----CHO
DIOPTASE -----CMO	SPODUMENE -----TO
DIORITE -----CMO TO LA CHO	SUNSTONE -----TO
ENSTATITE -----TO	THOMPSONITE -----CMO
EPIDOTE -----TO	TIGER-EYE -----CMO TO LA
EUCLASE -----TO	TITANITE (Sphene)TO
FELDSPAR -----CMO TO	TOPAZ -----TO LA DIA
FLUORITE -----TO CHO	TOURMALINE -----TO LA DIA
GARNET -----CMO TO LA DIA CHO	TURQUOISE -----CMO TO LA
GOLDSTONE -----CMO TO	UNIKITE -----CMO
HENATITE -----CMO	VARICITE -----CMO TO LA
HICKORYITE -----LA	VESUVIANITE -----CMO
HOWLITE -----CMO TO LA CHO	WILLIAMSITE -----LA
HYPERSTHENE -----TO	WONDERSTONE -----TO LA
JADITE -----CMO TO LA CHO	WULFENITE -----CHO
JASPER -----CMO TO LA CHO	ZIRCON -----TO
KYANITE -----TO	ZOISITE -----CMO

From Chips & Tips, via Golden Spike News, Gem Time & West Seattle  
Petroglyphs 8/88

# October 9 - 10, 1993 Field Trip Chuckwalla/Wiley Wells

Directions: Take Interstate 10 east towards Blythe. You will pass turnoffs to Palm Springs, Indio, and Desert Center. About 9.5 miles east of Desert Center you will turn off at Corn Springs Road. Once off the freeway make sure that you get on to Chuckwalla Valley Rd. which heads east, not south. Follow this road for 13.5 miles where you will meet Graham Pass Rd. Follow this road for 6 miles due south to a road junction. Camp will be on the north side of the road that turns right.

Dry camp - bring food, water, firewood, picks, shovels

What to collect - Black agate, sagenite, chalcedony nodules, geodes, barite, banded agate, jasper, petrified wood, chert, opalite, fire agate, psilomelane

Other nearby collecting areas - Wiley's Well, Hauser Beds, Coon Hollow

