





SEARCHERS GEM AND MINERAL SOCIETY, INC.

Established June 20, 1958

Mailing Address: P. O. Box 3492, Anaheim, CA 92804

CLUB OFFICERS

President	Alice Lux	992-2757
1st Vice President	Wes Miller	522-7383
2nd Vice President	Walter Mroch	826-2132
Secretary	Lola Tapia	776-9815
Treasurer	Marie Cole	639-7983
Federation Delegate	Elmer Parsons	870-5495
Director	Jim Williamson	995-9080

COMMITTEE CHAIRPERSONS

Historian	Jan Gillette	776-9467
Anaheim Arts Council	Mae Freedman	774-6665
Arts Council Alternate	Margaret Neeley	535-2030
1991 Show Chairman	Merle Howe	529-3613
1991 Show Co-Chairman	Louis "Bud" Henderson	772-1996
Bulletin Editor	Marge Jordan	897-2407
Alternate Bulletin Editor	Jeanne Howe	529-3613
Bulletin Mailout	Betty Henderson	772-1996
Cultural Arts	Carl Pitzler	525-4389
Membership	Bob LaVariere	541-4727
Alternate Membership	Milly Arvanites	838-1924
Public Lands	Elmer Parsons	870-5495
Hospitality	Mary Jane Parsons	870-5495
Sunshine	Froma Reiter	879-3514
Alternate Sunshine	Doris Pelfrey	774-2754
Veterans Coordinator	Jim Everitt	525-7710
Monthly Drawing	Floyd Neeley	535-2030
Social Director	Joel Swanson	750-4723
Longterm Planning	Dennis Van Kampen	521-4180
Meeting Host	Bill Keyes	535-1484

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

The Searchers Gem and Mineral Society, Inc., meet on the third Thursday of each month at the Anaheim Cultural Arts Center, 931 North Harbor Blvd, Anaheim. Meetings begin at 7:30 PM. Visitors are always welcome.

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

Field Trips are usually held on the second 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 first Thursday of each month at the Cultural Arts Center at 7:30 PM.

WORKSHOPS: Lapidary every Thursday except the third Thursday each month, 6:30 PM - 9:00 PM (MEMBERS ONLY).

Silversmithing - Anaheim Cultural Arts Center
Thursday, Noon - 4:00 PM

Deadline for items to be included in the bulletin is the second (2nd) Wednesday of each month. Please mail all items to: Marge Jordan, 12161 Bartlett Street, Garden Grove, CA 92645.

PRESIDENT'S MESSAGE

Many guests were present at the May meeting, partly as a result of the show. Let's make a concentrated effort to make guests and new members really feel welcome. If you see someone that you don't know, introduce yourself and get acquainted. These people are interested enough to come to a meeting; it is up to us to keep them interested in coming back. They are necessary to maintain a viable club. We often complain about the same people doing the work and accepting the jobs. This is an opportunity for sharing the tasks and benefits and ensuring the future of the club.

I want to thank the people who turned in the five responses to my questionnaire. There were many good ideas, mostly related to furthering lapidary skills and education of both members and others. Emphasis was also placed on the quality and educational value of our programs, especially in May because we do have guests attracted from the show.

Alice Lux

WHITE ELEPHANT/SIDEWALK SALE JUNE 29th

On Saturday, June 29th, we will be holding a Searcher "Fund raiser" - a White Elephant/Sidewalk Sale at the Cultural Arts Center. We have been working on collecting and pricing items. A big thanks to all. We still need everyone's help on the day of the sale. We will also need volunteers to help put up our sale posters on Friday, June 28th. (Contact Mae) On the day of the sale, we will need BROWN PAPER BAGS, STAPLERS, and HAND CALCULATORS (mark the latter with your name).

The sale will begin at 9:00 AM on Saturday morning, June 29th at the Cultural Center (931 N. Harbor Blvd., Anaheim). We are asking that all of our volunteers meet at the Center, NOT LATER than 8:00 AM that morning. We need men to set up tables and lots of hands to put out the items for sale. We need Searchers to watch the whole procedure and help with the cashiering.

We will have doughnuts at 8:00 AM for the members, but please bring your own thermos of coffee (or Del Taco is next door). We plan to close at 1:00 PM and will need help in closing everything down and putting the place in order.

We suggest the Searchers who will be helping bring a folding chair. It would help if the Searchers parked behind the Center at the school, to leave parking spaces for our customers.

Remember this is a "fund raiser" for the Club and the more we make, the more things we can do, so please VOLUNTEER your time.

Should you have any questions, please call:

Mae Freedman	774-6665
Betty Henderson	772-1996
Margaret Neeley	535-2030

DIG THESE FOSSILS

Jan Gillette spotted the following item in the Register and sent it to us to share with all who might be interested.

"Anyone interested in working with fossils is invited to become a volunteer at the Ralph B. Clark Park, in Buena Park.

We are looking for volunteers to do field work (dig for fossils), prepare fossils in our lab and become involved in several other exciting opportunities at the center.

Your readers who are interested in joining us should call us for the date of the next monthly volunteer meeting." The number is 670-8052. Ralph B. Clark Park is at 8800 Rosecrans Ave., Buena Park.

WATCHING OUR DESERT

This information culled from articles in the Register and the Times.

Senator John Seymour, the appointed replacement for Pete Wilson, is seeking a compromise with Cranston in setting aside desert lands. Where Wilson opposed even a modified Cranston bill, Seymour feels this is the year to get a bill through Congress.

Seymour toured the California desert by foot, van and helicopter during May in an effort to learn more about the issues. He listened to arguments from the BLM that much of the land in Cranston's plan is unsuited for National Parks and Wilderness and can best be administered by the BLM. He also heard from Cranston and the Sierra Club that only designation as National Park can preserve the delicate balance of nature.

Seymour said he has made no major decisions, but hopes to build bridges between competing interests.

The tone of both articles suggests that Seymour is leaning more toward the Cranston approach, and all rockhounds and desert enthusiasts should be aware of what is at stake.

ANAHEIM ARTS COUNCIL

The Council will install new officers at their June meeting. Mary Sloan will be the new President for the next year.

The Council has sponsored the Searchers for their 1992 show. The application, signed by Mrs. Eleanor Bay, president, has been turned in to the Brookhurst Community Center.

The Council will adjourn for the summer and meetings will resume in September. At that time, Margaret Neeley will be the Searchers representative to the Council and Mae Freedman will be her alternate.

Mae Freedman

CALIFORNIA DESERT STUDIES CONSORTIUM

Spend a weekend enjoying the Mojave Desert and learn something new!

The Desert Studies Center, located in the East Mojave National Scenic Area, offers a host of exciting desert courses open to the public: music and games of Mojave Desert Indians, photographing Indian rock art, Ethnobotany and many more in the geology, astronomy, biology and natural sciences of the desert. For a schedule of Fall programs, call the Office of Extended Education, CSU, San Bernardino at 714-880-5975.

DESERT NEWS, by Sue Hickman

The Bureau of Land Management, California Desert District, moved their offices effective March 15, 1991. The new address and telephone number are:

Bureau of Land Management
California Desert District
6221 Box Springs Boulevard
Riverside, CA 92507

PUBLIC AFFAIRS: (714) 653-6950

EXCERPTS FROM U.S. BUREAU OF MINES 1990 INVENTORY OF 1.5 M ACRES IN EAST MOJAVE--THAT WOULD BE AFFECTED BY S-21.

"In 1990, The Bureau of Mines (BOM) conducted a mineral investigation of the mines and prospects in the East Mojave National Scenic Area (EMNSA), San Bernardino, CA. During field work, BOM identified 701 mines and prospects in EMNSA for which the geology, mineral resources, and mining history were compiled and summarized. Analytical results for 1,188 rock samples collected are tabulated. Total value of identified resources in EMNSA is \$7.7 billion."

S-21 "would transfer management of 6 million acres of Federal land from the Bureau of Land Management to the National Park Service, creating three national parks (including a 1.5 million acre East Mojave National Park) and mandate over 4 million acres of BLM managed wilderness. The areas lie within the 25 million acre California Desert Conservation Area established in 1976. The total area affected by S-21 amounts to 10 million acres (which is larger than the State of Maryland)."

The "study analyzed the potential impacts of withdrawals affecting mining only at existing mines and known, apparently profitable deposits in the EMNSA. Since this 1.5 million acre park is only a part of the total acreage that would be withdrawn, the full impacts would be considerably greater than the estimates given here."

The proposed withdrawals pose significant tax revenue impacts to local Counties, State and Federal governments.

GREETINGS TO THE SEARCHERS FROM JACKPOT, NV:

We stopped here to collect rocks rather than donate "green stuff."

We started the month at Socorro, NM. Visited the very large Arroyo Facility. They have 27 large radio antenna discs that can be set up in a "Y" pattern, each arm being 13 miles long. The disc collect and analyze cosmic radio waves and through computers produce an image of the source. It is in effect a huge radio telescope.

Also at Socorro we drove through the Basque Wildlife refuge, a large water and feed area set aside for migrating birds such as ducks, geese and egrets.

From Socorro we went on to Grants, NM and then drove north to the Chaco Canyon National Monument. It is estimated the Anasazi Indians lived there between 1000 and 1300 AD. There were many pueblos built but the largest one was Pueblo Bonito - a beautiful village - a complex of 800 rooms and 32 kivas.

South of Grants was another Pueblo inhabited by the Acoma Indians. It is called Sky City since it was built on top of a 400 foot high mesa that could only be reached by a steep stairway. It has been continuously inhabited since about 1000 AD. In 1958 a movie was made there and a road was built to the village. Their craftsmen make some of the most beautiful pottery.

Our next stop was Albuquerque where we met our oldest daughter who was judging at a dog show. We took in Old Town and Albuquerque Museum as well as the Museum of Natural History. All were very interesting.

Drove on to Holbrook, AZ and stopped to visit my brother who lives in nearby Show Low. I drove out to the Petrified Forest Museum and found out that any rock collecting that is done is now is 70 cents per pound and a 200 pound minimum. This cuts out the average rockhound.

Heading north in Arizona we stopped at Canyon de Chelly. Took the north and south rim drives. Some of the overlooks are 800 feet above the canyon. You can see the ruins of dwellings built in pockets in the face of the beautiful colored red sandstone cliffs.

Our next stop was Monument Valley. The Navajos control this area. They have a drive you can take through the spires which are majestic. Very colorful country and it stayed that way throughout Utah.

We took a side trip to Goosenecks State Park, UT. This is a great example of a meandering river. It has cut deep below the valley surface and winds back and forth.

Continuing north we stopped at Moab, UT. Took a drive through the Arches National Monument and saw a number of the arches. Some you have to hike to. While staying at Moab the wind blew so hard there was a dust storm. First time we ever saw one out of red dust and sand.

Stopped briefly at Salt Lake City for provisions then drove on to Wendover. Saw the Great Salt Flats that are white with salt as far as you can see. This is also where the Bonneville Speedway is and is made useable in the summer when it is dry.

We are now in Jackpot. I went to Texas Springs to collect rocks. Was able to dig out one nice pink agate limb cast. It is now raining and cold enough that it is almost a wet snow.

SHOW DATES:

July 13 & 14 Culver City Rock and Mineral Club
Veterans Memorial Auditorium
Overland & Culver Blvd
Culver City, CA
Hours: Jul 13 - 10:00 AM to 6:00 PM
 Jul 14 - 10:00 AM to 5:00 PM

DON'T MISS JULY

The program for our July meeting will be our own Bill Lynn speaking on Gold. Bill didn't explain if this means prospecting for it, working with it, or just accumulating it. Any one should be intersting.

PLEASE YOUR TASTE BUDS

Many people asked for the recipe for the main dish served at the Friday night dinner. Lola Tapia says her Enchilada Casserole is easy.

- 1 Pkg Flour Tortillas
- 1 4 Oz can diced green chiles
- 1 Pint - Sour Cream
- 2 10½ Oz can of Cream of Chicken Soup
- 1 Lb Jack Cheese - Shredded
- 1 3 LB Chicken (boiled, boned and cubed)
- 1 4 Oz can Sliced Black Olives

Mix Chilies, Sour Cream, Soup, Olives and ½ Cheese together. Divide mixture in half. To one half of mixture add chicken. Use this mixture and place into Totilla and roll.* Place into large ungreased baking pan. After all Tortillas are rolled, cover with other ½ of mixture, sprinkle with remaining cheese. Bake at 350 for 20 minutes.

*You may layer rather than roll the Tortillas (it is good either way).

Lola



**CALIFORNIA
PROSPECTING CO.**

Supplying the West

- Mineral Specimens
- Metal Detectors
- Prospecting Equipment
- Mining Supplies
- Books and Maps

7906 La Palma
Buena Park, CA 90620
(Near Knott's Berry Farm)

(714) 761-1846

HOW WERE THE FIVE ERAS OF EARTH DECIDED?

An era is a period of time with features of its own that make it different from previous and following eras. It can be a period of human history, much as the Christian Era that began some 2,000 years ago. The eras of the earth's history may span millions of years.

We do not know the exact age of our planet, but certainly, it has traveled more than four billion yearly orbits around the sun. Throughout this immense span of time its restless surface has been changing continuously. Each long, patient geologic event was followed by another, perhaps on this or another side of the globe. The story of these major events is recorded in the rocky formation of the earth's crust. Scientists pieced these records together to form an overall picture of our planet's immense and staggering history.

The formation of massive mountain chains spanned ages of time, and for ages the seas submerged vast areas of the continents. Each of these major geological events, however, had an end and a beginning. They occupied chapter or epoch of the geological eras. Each era has a natural beginning and end, and dramatic features that make it unique.

The story of life on our planet began ages ago and paralleled the geological events. This story, too, falls into natural divisions, and fossil records show that many living things perished at the close of each geologic era. It was decided to name the eras for chapters in the story of life rather than for the dramatic geologic events of the time.

The ARCHEOZOIC Era means the early beginning of life. It spans billions of years when the earth was forming its first crust. Massive mountain ranges rose in eastern Canada, and, much later, the earliest life forms may have appeared, though they left no fossil record.

The PROTEROZOIC Era suffered an ice age and uplifted mountains in Minnesota and Wisconsin. Simple life forms struggled in its seas.

The PALEOZOIC Era spanned more than 300 million years. It uplifted the massive Appalachians and brought an ice age to the tropics. The story of life advanced from trilobites to salamanders and land forests.

The MESOZOIC Era spanned 125 million years and covered the rise and fall of the fabulous dinosaurs. It created our western mountains and lifted the Panama Ridge to join the two Americas.

The CENOZOIC Era opened a mere 60 million years ago and began to unfold the story of the mammals. So far, it has lifted the Alps, Himalayas and our Coast ranges, brought a series of ice ages and no one knows what other dramatic events it has in store.

(From ROCK ROLLERS, via ROCKY TRAILS 6/89, OREGON
ROCKHOUND & OTHERS)

MEMBERSHIP:

Please add the following names to your 1991 Membership Roster:

NEW MEMBERS:

EDMONSON, Greg
1644 West Gregory Avenue
Fullerton, CA 92633
(714) 773-1648

GIBILTERRA, Lewis F. (Lew)
1435 Westmont Drive
Anaheim, CA 92801
(714) 956-4991

MOORE, David
2215 East Vermont
Anaheim, CA 92806
(714) 533-2947

REED, Elsie S.
914 Fairview Street
Anaheim, CA 92801
(714) 535-1388

WETZEL, Ray
P O Box 115
Blue Jay, CA 92317
(714) 336-1071

WHITE, Bruce
2507 Greentop Street
Lakewood, CA 90712
(213) 428-3837

RENEWALS:

AYALA, David E.
460 West Baker
Fullerton, CA 92632
(714) 447-1483

WAYNE, Bobbie
3612 Green Avenue, No. 18
Los Alamitos, CA 90720
(213) 431-4759

PLEASE CORRECT THE FOLLOWING:

PELKA, Gregory J. (address change)
4844 Faculty Avenue
Long Beach, CA 90808

ZINN, Everette (Ed)
(714) 892-9755 (correct phone number)

(As of May 16th, 1991, we have a
total of 163 members)

Milly Arvanites

KEEPING IN TOUCH WITH OUR MEMBERS"

Bettylou McCurdy has returned home from the hospital after surgery.

NOTE:

We were disappointed to miss the extended trip when Merle's boss arbitrarily moved his vacation at the last minute. We did go into Southern Utah, and for those of you who may be looking for collecting sights there, we found good color and selected some good rock on the mine dumps in Milford. We got colorful agate off Hwy 89 out of Panguich and near Panguich lake. The blue agate field near Beaver has been closed according to the locals.

Merle & Jeanne

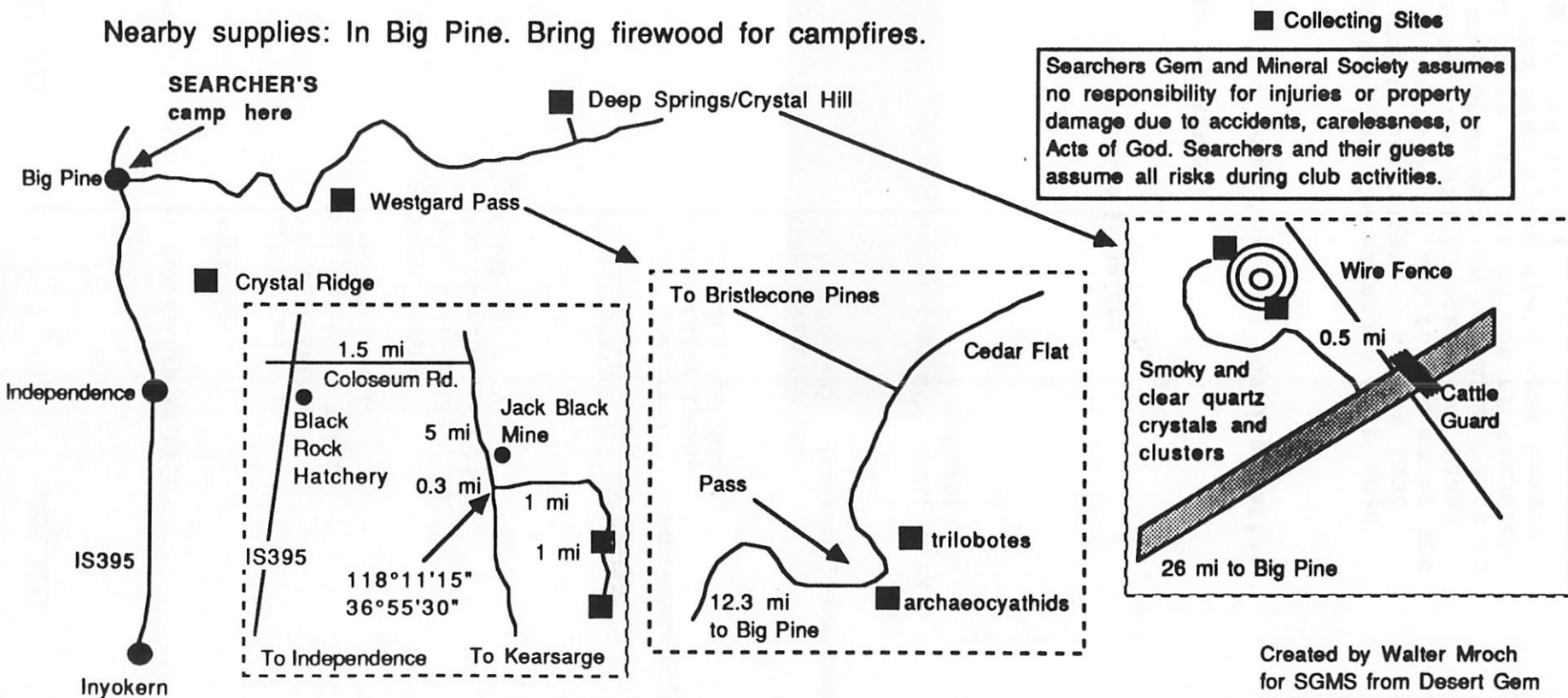
July 19-21, 1991 Field Trip

Big Pine/Deep Springs

Directions: Take SH14 or IS395 north thru Inyokern, Little Lake, Olancho, Lone Pine, Independence, and finally to Big Pine. For those driving in cars there are some motels in Big Pine (call ahead). For those with RV's there is an RV campground at the junction of IS395 and SH168 at the north end of Big Pine. Recommend having a car or 4WD vehicle along to drive to Westgard Pass and thru to Deep Springs. The approximate driving time is 4 - 5 hours by car to Big Pine. The drive to the collecting sites is 13 miles and 26 miles from Big Pine. The elevation of Big Pine is about 4,000 feet and the collecting areas are at 7,300 and 5,100 feet. Driving time to the collecting sites is about one hour. Other side trips for those interested include a visit to the Bristlecone Pine Forest.

What to collect: Clear and smoky quartz clusters, trilobites?, and other types of fossils.

Nearby supplies: In Big Pine. Bring firewood for campfires.



Created by Walter Mroch for SGMS from Desert Gem Trails, Gem Trails of California and the DeLorme Guidebook.