

The Green Valley Rocker

Vol. XLVIII, No. 9

September Program

Earthquakes and Geology of the Salton Trough

by Kathleen Springer

submitted by Lee Peterson

Located at the north end of the Gulf of California, the Salton Trough is an area that transitions from "pulling apart" extensional tectonics to the transform boundary between the North American and Pacific Plates. That master fault is the mighty San Andreas Fault, and forms the northeastern boundary of the trough.

"Over the past few million years, the trough has filled with nearly 20,000 feet of sediment," said Kathleen Springer, the Senior Curator of Geological Sciences for the San Bernardino County Museum. "The southern section of the San Andreas Fault, from the Cajon Pass to the Salton Sea, has not seen a large magnitude earthquake since 1680, and is an area of great interest to earthquake scientists. This presentation will focus on the evolution of the San Andreas Fault in this region and discuss current studies of the fault in the southern section that attempt to model future large magnitude earthquake potential."

Kathleen Springer has an extensive background in both geology and paleontology and has been with the SBCM for nearly 19 years leading geologic and paleontologic investigations throughout southern California, Arizona, and Nevada.

September Display Theme

By Aimee Fitch

September's Display Theme is **Blue** – Glorious Blue! Show off your royal pieces with grand style!

September Field Trip

By Frank Fitch

Sept 13, Saturday, 2:30pm - 5pm We will visit the club's rock pile at Hank's house (see the roster for the address). Leader: None, just show up. Contact Frank Fitch with questions

There will be a (reasonable) fee for the rocks. Buckets will be available for \$1 each. There are all sorts of rocks available from tiny to "two men and a boy" sized boulders.

Other upcoming trips

Oct 10-12, Fri-Sun, Jade Cove. Leader: Lee Peterson. We are making initial plans for a possible weekend trip to the Jade Festival and Jade Cove. If you are interested, Linda Metcalf highly recommends that you arrange lodging immediately. Campsites are booked and only first-come-first-served sites remain. Linda has reservations for mid-week at Plaskett Creek (<http://www.parksman.com/plskt.html>) and that will be our meeting place. There are other campgrounds in the area and motels. Check out <http://www.bigsurjadeco.com/festival.html> and <http://www.surcoast.com/jfest.html> or <http://www.bigsurjadeco.com/festival.html>.

If interested, email or call Lee Peterson 909-7904-0731 res09ayd@verizon.net.

November (exact dates TBD): Marble Mountains. Leader: Mike Reason.

Nov 26-30, Wed-Sun, Annual CFMS

Thanksgiving gathering as Wiley's Well

Leader: Bob Fitzpatrick (rurocky2@aol.com)

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President's Message

By Frank Fitch

Our club is growing very fast. This means we have lots of new people using the shop. Some nights are so busy, there are waiting lines for some machines!

With a workload like this, we should expect machine to break or wear out. It is vital that the shop folks know right away when a machine is not working or "behaving strangely". A broken machine may seriously harm someone.

At the top of the sign in sheet for the shop is the name of the person in charge for that night. That is the first person to contact. There are also "out-of-order" signs available.

Those of you who joined after I did may not realize how new I am, both to rockhounding and the club. I only started rockhounding about 3 years ago, and joined the club about a year after that, to my best recollection. Even though I'm the president, it was not was long ago I was a wide-eyed newbie!

Why bring it up? Because in the brief time I've been in the club, I've had my share of machines malfunctioning in the shop. Some might say more than my share. There was never any recrimination. Even when I failed to properly secure a rock in the drop saw and bent a blade!

The long and the short of it is: Do not be afraid to speak up when you think a machine is not working properly.

Wanted

Your announcements for the YVGMS Newsletter. A field trip report, pictures, announcements, anything you think other club members would find interesting. Send an email to mdreason@verizon.net or call Mike at 909-795-2540.

Metal Detecting

by Phil Alford

About a dozen members met August 7th, and have made preliminary plans for a Fall outing to Gold Country. Bring your calendars to the September 4th meeting, so we can finalize plans.

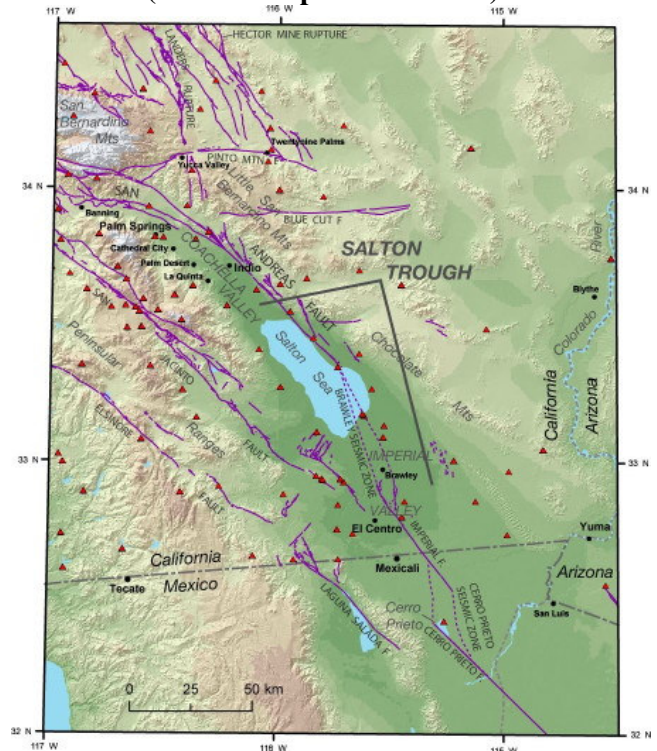
Announcement

Crafton Hills College Field Class

Like to Camp Out? Need a credit? Take Geology 270: Geology of the Eastern Sierra Nevada. Register now or see Professor Hughes in LADM 106 for more information (or contact him at rihughes@sbccd.cc.ca.us or call him at his office: (909) 389-3237). The class includes two meetings, one paper, and a weekend field trip. No tests. First Meeting is September 2 at 6 PM in LADM 106.

Map of Salton Trough with Major Faults

(click on map for more info)





Federation Report

By Don Tracy

BIG NEWS: the Earth Sciences Studies program (Lapidary & Science Seminars) is undergoing some major changes. After many years of a spring gathering at Zyzyx, it seems the CFMS program will no longer be held as in the past. If you don't know, Zyzyx is the name of a desert research station located at Soda Springs about twenty miles southwest of Baker – everyone traveling to Vegas by the I-15 has seen the off ramp with that unforgettable name. Due to overwhelming worldwide interest and competition for the facilities, there will not be a March or April session in 2009. That's right, UC Fullerton administers the allotment of usage by colleges and universities from all over America and Europe mostly. Mr. Marion Roberts, head of the CFMS Earth Science Committee, is very busy searching for alternatives. The tentative plan is possibly a Zyzyx session in November 2009 with a late spring session at Camp Paradise. Go the CFMS web site for additional information.

VERY IMPORTANT NEWS: the US Congress will be voting within weeks on H.R. 554 also known as the "Paleo Bill" which is a threat to all rockhounds (jail time for touching a fossil in the field). Please contact your congressman with the following information:

1. Tell them you are a rockhound/amateur collector.
2. Tell them that as the bill stands, we can be put in jail for picking up a rock that might look like a fossil to the "untrained eye" of a BLM or Forestry person. Which will result in the confiscation of your vehicle and all equipment and the burden of proof will be on you IN COURT.

3. Amateur collectors have been responsible for many of the finds of important fossils over the years. All this will now stop.
4. Fossils are not renewable. Once fossils are exposed by wind and rain they will disintegrate. Professional paleontologists usually don't have the time, the money or the staff to check out paleo sites found by amateurs but they don't want us to collect them either.
5. This bill is a disaster for rockhounds, and I urge you to stop it.

Please inform Shirley Leeson, AFMS President or John Martin, CFMS Public Lands Advisory South with the congressman's name.

Internet Links

1. Go on the Internet and checkout the CFMS web site at www.cfmsinc.org. There are statewide items of geological and lapidary interests.
2. Subscribe to the BLM newsletter at www.newsbytes.com.
3. Checkout BLM's "Geology and Mining History Field Trips" at www.blm.gov/ca/st/en/fo/bakersfield/Programs/geology/fieldtrips.html.

Calendar of CFMS Activities

Aug 31-Sep 6 - Lapidary & Science Seminar, Week One, Camp Paradise, CA
Sep 7-13 - Lapidary & Science Seminar, Week Two, Camp Paradise, CA
Oct 13-15 - BLM field conference, Mother Lode III: Northern Mines
Nov 7,8,9 - Fall Directors Meeting, Visalia, CA



YVGMS GENERAL MEETING MINUTES
AUGUST 14TH 2008

By Rainy Baldwin, Secretary

CALL TO ORDER: President Frank Fitch called the meeting to order at 7:15 P. M.

PLEDGE OF ALLEGIENCE: Led by Lee Peterson.

MINUTES: Accepted.

TREASURE REPORT: Given by Henry Cobb.

CORRESPONDENCE: 1. Tehachapi's 4th Annual Gem and Mineral Show, 8-15th, 16th, and 17th. 2. CFMS News Letter, 3. (L.A. Rocks) San Joaquin Valley Lapidary Society Field Trip Oct 20-21st. 4. Searle's Lake Gem and Mineral Society 67th Annual Gem-O-Rama Oct 11th, and 12th, 2008, Trona Calif. 5. Rock Hound Rendezvous- McDermott Rock And Gem Show, McDermott Nevada Sept. 18th-21st, 2008. (775) 532-8551.

FEDERATION NEWS: Given By Don Tracy.

COMMITTEE REPORTS: A. Membership-Valesca Dwyer introduced our new members-Julie Delo, Eileen and Stephen Zoen, Linda and Dennis Gibbs, Carla and Richard Kraft, Ruth Hamilton, Wayne McCready, Charles and Lisa Arroyo. We have 195 members now. B. Shop: Richard Crockett-Some of the machines at the shop were found to be taken apart and parts were lying on the floor. One of the saw blades was found loose. Please if you find anything wrong with our equipment, please tell someone so we can get it fixed. We need to keep our shop safe. Please put rags in the appropriate place. Richard Crockett will be teaching a class on Barrel Tumblers on Saturday August 17th at the shop. We need at least 3-5 people. Richard will also talk on Vibrating Tumblers. C. Fields Trips-Frank Fitch-1. Trip from Boron to Kramer Junction Oct 20th – 21st. 2. Our trip to La Brea Tar Pits is cancelled for this Saturday, not enough people. 3. Sept 13th at Henry's house 2:30-5 pm. Come and find some nice rocks and cost is according to what kind of rocks you pick.

4.-Jade Festival on Oct. 10th, 11th, and 12th at Plaskett Creek near Jade Cove, 35 miles above San Simeon, \$22.00 a night. Talk to Linda Metcalfe for more information. There is a request for thunder eggs for Steve Rudkin. He needs them for a session with a class of third graders. D. - Metal Detecting: Henry Cobb-Nothing right now, to hot in the desert.

OLD BUSINESS: Bill Jochimsen will be starting a kid's class for kids that are interested in the rock club.

NEW BUSINESS: None

ROCK OF THE MONTH: Next month's rock color will be blue. Winners of the Mini Raffle were Steve Rudkin, Rita Kaser, and Nancy Altimus. Shop winner was Aaron, and display case was Aimee Fitch. Badge Drawing was Patrice Copeland.

PROGRAM: By Jim Bowden on Flint Knapping- chipping stone to make tools.

Meeting adjourned at 9:45 PM.

Upcoming YVGMS Programs:

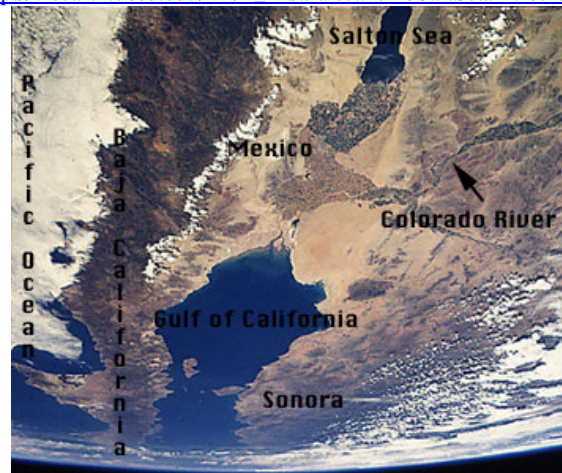
October– Professor Richard Hughes, Crafton Hills College, will discuss the CHC Geology program and field trips and possibly glaciation.

November – Contest for the best bolo tie

December – Christmas party

Salton Sea from Space (June 1991)

http://visearth.ucsd.edu/VisE_Int/aralseahtml/SaltSea.intro.html





**YUCAIPA VALLEY GEM &
 MINERAL SOCIETY, INC.**
 Post Office Box 494, Yucaipa, CA
 92399

OFFICERS

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 Vice President ...Lee Peterson.....(909)794-0731
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 Treasurer-CFO ..Hank Cobb(909)795-3716
 Fed. DirectorDon Tracy(951)845-5428

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3-YearMike Reason(909)795-2540
 2-YearCarl Morrow.....(714)476-3727
 1-YearSue Mothersole .(909)795-1681
 1-YearLynn Parker.....(951)769-1855

Want to see color photos in your copy of the newsletter and save the club money in postage? Sign up for electronic delivery of the newsletter. Simply contact Mike at mdreason@verizon.net.

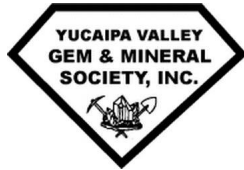
Pictures from the Wheeler Geological Area in Colorado (provided by the Torres Family)



COMMITTEE CHAIRMEN

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Lee Peterson.....(909)794-0731
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 Workshop Phone.....
(Hank's cell phone).....(909)238-8143
 Workshop Committee Members:
 Hank Cobb, Richard C, Bill Jochimsen,
 Margaret Thieleman, David Dickinson





**YUCAIPA VALLEY GEM &
MINERAL SOCIETY, INC.**

Post Office Box 494
Yucaipa, CA 92399

<http://mysite.verizon.net/yucaipagem/>

The specific purpose of the Yucaipa Valley Gem & Mineral Society, Inc. is to promote the earth sciences, paleontology, and the lapidary arts within the community. The objectives are to have educational meetings, earth science field trips, and exhibitions with members and the community invited.



Member of

California Federation of Mineralogical Societies

<http://www.cfmsinc.org/>



Member of

American Federation of Mineralogical Societies

<http://www.amfed.org/>

REGULAR MEETINGS

Meetings are held at 7:00 p.m. on the second Thursday of the month at the Mousley Museum, on the corner of Bryant Street and Panorama between Date Street and Oak Glen Road.

BOARD MEETINGS

Board Meetings are held at 6:30 p.m. on the first Tuesday of the month at the Workshop, 34861 Yucaipa Blvd, across from Del Taco, between Second and Third Streets.

MEMBERSHIP REQUIREMENTS

An applicant must file an application which can be obtained from the Membership Chairman. Annual dues are required: Individuals - \$15.00 Families - \$25.00

WORKSHOP

Workshop is located at 34861 Yucaipa Blvd, across from Del Taco, between 2nd and 3rd Streets.

Workshop Hours:

Monday, Wednesday and Friday 6pm to 9pm
Saturday 9am to 1pm & Sunday 1pm to 5pm.
Workshop committee meetings are at the workshop on the 3rd Saturday of each month at 2:00 p.m.

METAL DETECTOR GROUP

Meetings are held at 6:00 p.m. on the first Thursday of the month at the Mousley Museum, on the corner of Bryant Street and Panorama, between Date Street and Oak Glen Road.

BULLETIN

Your contributions to the Green Valley Rocker are appreciated. Please submit your items *by the 20th of each month* to be included in the next month's issue.

Editor: Mike Reason, yucaipagem@verizon.net

Member Email: please visit

<http://groups.yahoo.com/group/YVGMSbiz/>



SEPTEMBER 2008

	1 SHOP: 6 - 9PM	2 BOARD MTG 6:30PM	3 SHOP: 6 - 9PM	4 METAL DTCTG MTG 6:00PM	5 SHOP: 6 - 9PM	6 SHOP: 9AM-1PM
7 SHOP: 1PM-5PM	8 SHOP: 6 - 9PM	9	10 SHOP: 6 - 9PM	11 REG MTG 7:00PM	12 SHOP: 6 - 9PM	13 SHOP: 9AM-1PM
14 SHOP: 1PM-5PM	15 SHOP: 6 - 9PM	16	17 SHOP: 6 - 9PM	18	19 SHOP: 6 - 9PM	20 SHOP: 9AM-1PM Shop Committee Mtg Time TBD
21 SHOP: 1PM-5PM	22 SHOP: 6 - 9PM	23	24 SHOP: 6 - 9PM	25	26 SHOP: 6 - 9PM	27 SHOP: 9AM-1PM
28 SHOP: 1PM-5PM	29 SHOP: 6 - 9PM	30	BIRTHDAYS Sep 4 – Margaret Carollo Sep 4 – Tom Mogensen Sep 7 – Lorraine Young Sep 16 – Barbara McGlasson Sep 20 – Bill Bratton Sep 21 – Margaret Thielemann Sep 23 – Jay Pinz Sep 24 – Dennis White Sep 29 – Thomas Ziech		ANNIVERSARIES Sep 12 – Mr. & Mrs. Robert Markoff Sep 17 – Tom & Marita Rutledge Sep 24 – Robert & Stacie Cruz Sep 23 – Victor & Lauretta Padilla Sep 26 – Scott & Chris Hawkins Sep 27 – Mr. & Mrs. Robert Lopez Sep 30 – Bruce & Lisa Coonrod	

The [sapphire](#), birthstone for September, is a relative of July's birthstone, ruby. Like ruby, it is a form of the mineral corundum, a normally drab gray mineral. Red corundum is called the ruby, while all other gem quality forms of corundum are called sapphires. Typically, sapphires appear as blue stones, ranging from very pale blue to deep indigo, due to the presence of small amounts of titanium and iron within the crystal structure. The most valued shade of blue is the medium-deep cornflower blue. Sapphires also occur in other natural colors and tints -- colorless, gray, yellow, pale pink, orange, green, violet and brown -- called fancy sapphires. These different colors are caused by different kinds of impurities within the crystal. For example, yellow sapphires get their color from ferric iron, and colorless gems have no contaminants.



Upcoming Shows and Events

August 29 - Sept. 1 2008, Fort Bragg, CA, Mendocino Coast Gem & Mineral Society, Town Hall, Main & Loral, Hours: Sat. & Sun 10-6; Mon. 10-4 Don McDonell (707) 964-3116, E-mail: ejwebb@mcn.org

September 13-14 2008, Downey, CA, Delvers Gem & Mineral Society, Woman's Club of Downey, 9813 Paramount Blvd, Hours: Sat. 10 - 6; Sun. 10 - 4, Guynell Miller (562) 633-0614, Email: guynellallen@sbcglobal.net

September 20-21 2008, Paso Robles CA, Santa Lucia Rockhounds, Pioneer Park Museum, 2010 Riverside Drive, Hours: 10-5 both days, Mike Doherty (815) 466-4061, Email: mdoherty@tcsn.net

September 20-21 2008, Redwood City CA, Sequoia Gem & Mineral Society, Community Activities Building, 1400 Roosevelt Ave., Hours: 10-5 both days, Carol Corden (650) 248-7155, Email: ccorden@earthlink.net
Website: <http://sgms.drifmine.com/home.htm>

September 25-28 2008, San Bernardino CA, Orange Belt Mineral Society, Inc., Western Region Little League Ball Park, 6707 Little League Dr., Hours: 9 a.m. - Dusk each day, Emma Rose Couveau (951) 288-6182

September 27-28 2008, Monterey, CA, Carmel Valley Gem & Mineral Society, Monterey Fairgrounds, 2004 Fairgrounds Rd., Hours: Sat. 10 - 6; Sun. 10 - 5, Sky Paston (831) 417-7477, Email: sky@familystones.net
Website: www.cvgms.org

September 27-28 2008, Stockton, CA, Stockton Lapidary and Mineral Club, Scottish Rite Masonic Center, 33 West Alpine Ave., Hours: Sat. 10 - 5; Sun. 10 - 4, Nettie Meissner (209) 858-2263, E-mail: footsey1@yahoo.com

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