

# *The Carmel Valley* **PROSPECTOR!**

*April/May 2011 Volume 51, Numbers 4 & 5*

*EDITOR'S NOTE: This edition of The Prospector is a bi-monthly edition, for various reasons. I wish to thank all the contributors who made it possible...without their efforts it would not have been the full issue it is!*

## APRIL MESSAGE FROM THE VICE-PRESIDENT

Our President, Susie Harlow is still not feeling well, so I will be filling in for her this month.

Our April presentation will be Tucson, Quartzite, Newark, and Mike Green's Show and Tell. Matt and Barb Biewer and Jay House will share their photos of the freezing Tucson Show. Everyone who went to Arizona, the Newark Show and/or Mike Green's house, is invited to share their latest treasures and finds with the rest of the club.

Thank you to Mike and Carol Green for their sale last month. It was a lot of fun shopping in their backyard. Great finds in every box, carton and bucket. Also spiders. A sizable dent was made on all the rocks and plants for sale. A portion of the sales will be donated by the Greens to the CVGMS, a definite win-win situation for all of us.

The Biewers will be hosting a club workshop at their home in Carmel Valley on the weekend of April 9 & 10, 2011. You can bring your own rock material to work on or choose items from the club rock pile. Please also bring your own lunch. Directions will be provided at our meeting on Friday, Apr 8.

For those of you who are interested in helping the Japan earthquake and tsunami victims, the Jazz Jam for Japan ~Japan earthquake/tsunami relief~ will be held on Sun Apr 10, 2011 at the Hyatt Regency in Monterey from 2 to 6 pm. Performers include Lee Durley, David Morwood, Paul Contos, Eddie Mendenhall, Shinsho Mugen Daiko Taiko Drummers(special guest), Sabi (special guest), Koto performance by Michael Hattori (special guest) and more including traditional Japanese dance. All donations will go to Japan Earthquake/Tsunami Relief. The event is partly sponsored by the local Seaside Buddhist Temple.

The Santa Cruz Mineral & Gem Society will be hosting their annual show on Apr 23-24, 2011 at the Santa Cruz Civic Auditorium, on the corner of Church and Center Streets in Santa Cruz. The Civic Auditorium is an attraction by itself. The Santa Cruz club also puts on a great show. Please support them.

Another reminder: Our June Picnic will take place on Sun June 12, 2011 at Whispering Pines in Monterey. Please mark your calendars for this event.

While we're at it, our 52<sup>th</sup> annual Gem Show will be on September 24<sup>th</sup> and 25<sup>th</sup> at the Monterey Fairgrounds. It's not too early to start tumbling stones for the grab bags. Please mark your calendars early, and plan on volunteering to work for a few hours at the show this weekend. Also start thinking about your Exhibit for the show.

Hope to see you all at our April meeting.

Margaret Chan  
Vice-President, Carmel Valley Gem & Mineral society

## MAY PRESIDENT'S MESSAGE:

Hi Everyone.....I'm back!

A huge thank you to Margaret for taking charge and the Franco family for stepping in to do such a great job with the Pebble Pup activities and all of those who rallied to make the General Meeting programs so successful!! It does "take a village"!! Thank you so much!

The program this month will be given by Karin Salomon and Gail Lack who will tell us about Camps Zzyzx and Paradise.

They will also bring the fruits of their labor and the Saylor's, who also attended Zzyzx will also have some show and tell for us. If anyone else has attended those camps, please bring your finished projects for our show and tell table...thanks!

Our June picnic will be Sunday, June 12, at Whispering Pines at noon. Again we will have great food and a fun auction! Mark your calendars for our July 8 program which will be given by Ed Clifton on the origin of Monterey Peninsula to be followed the next day, Sat. July 9, with a tour at Pt. Lobos guided by Ed Clifton showing some of the formations, etc. that he talked about at the Fri meeting. I have been on one of his guided tours at Pt. Lobos and it was fascinating info as well as a beautiful walk! I hope you can all attend!

August will be a really special program as well. We want to honor the Greens before they move and would love all of you who have been lucky enough to be in one of his MPC classes to bring your projects to show. We can also share fond and funny experiences we have had with them. They have made such a huge contribution to the success of our club and now who is going to make the sandwiches to sell at our annual show!?!

Hope to see you all at our next meeting, Friday May 13 at 7 p.m. at the Pacific Grove Museum of Natural History.

Susie Harlow, President, Carmel Valley Gem and Mineral Society

## CVGMS BOARD MEETING MARCH 9, 2011

**Call to Order:** Meeting called to order by Vice-President Margaret Chan.

**Present:** Margaret Chan, Pearl Chan, Adrienne Pimentel, Rich Saylor, Jeff Bubbenmoyer, Karin Solomon and Janis Rovetti.

**Membership:** In Jay's absence, Janis reports one new member, Susan Hinde. Welcome to the club Susan!

**Treasurer's Report:** Pearl gave the treasurer's report. It was M/S/P to pay the current bills.

**Scholarship Report:** There is no scholarship report.

**Sunshine Report:** Susie Harlow is sick. We all wish you a speedy recovery Susie!!

**Federation Report:** Karin reports that this year's Federation Show is the "Year of the Child." Jim Brace-Thompson is planning to award a junior member an "Outstanding Junior Exhibit Prize." This year's Federation Show is in Anderson, CA May 13 to May 15.

**Old Business:** Janis reserved Whispering Pines for Sunday, June 12 for the annual BBQ and white elephant auction. There will be a rock workshop at the Biewers the weekend of April 9 and 10. Bring your own lunch and enjoy the day! Cynthia and Richard Franco have agreed to be the new Web Masters. Thank you SO much!

**March Program:** Susie Harlow is sick so she will plan to give tonight's planned program next month for the April program. Tonight Richard and Cynthia Franco and kids will give a slide show presentation on the petrified forest in Calistoga, CA, and Martha Saylor will give a wonderful slide show and presentation on garnets. Thank you both.

**April Program:** Susie Harlow will be giving a presentation and slide show on the Tucson Show. If any members have something special to share about their trip to Tucson or the Newark field trip please bring it for "Show and Tell."

The meeting was adjourned. The next meeting is Friday, April 8, 2011.

Janis Rovetti, Recording Secretary

## CVGMS BOARD MEETING APRIL 11, 2011

**Call to Order:** Meeting called to order by Vice-President Margaret Chan.

**Present:** Margaret Chan, Pearl Chan, Adrienne Pimentel, Rich Saylor, Jay House, Talma Taormina, Matt Biewer.

**Correspondence:** Matt reports that we received an invoice from the City of Monterey for the show banner.

**Membership:** Jay reported that we have a new member, Bjorn Halvorsen. He returns to Norway frequently but will attend meetings when he can.

**Treasurer's Report:** Pearl gave the treasurer's report. It was M/S/P to pay the current bills. Mike Green donated \$165 from his recent yard sale to the club. Thanks, Mike & Carol!

**Scholarship Report:** Talma reports that "everyone wants school presentations in May"... .

**Sunshine Report:** Nicole Levere, our new Sunshine Chair, reports that Susie Harlow is still out, but recovering...she had stints implanted, and is doing a lot better! We again all wish you a speedy recovery, Susie!! Also, Jennifer Prager, who's been ill, is doing better! Anyone that has information about

ill members is asked to let Nicole know about it, that she may send a card or whatever on the club's behalf. Her number is 214-0236.

**Federation Report:** Karin being absent, there was no Federation report.

**Old Business:**

**May Program:** The program will be on Camps Zzyzx and Paradise, given by Karin Salomon and Gail Lack, which may include some show & tell material brought by those who attended.

**New Business:** The first show planning meeting will probably be held at the end of July. TBA.

The new CVGMS website is up & running; for now, go to [CVGMS.org](http://CVGMS.org). The current Prospector will also be featured! Snyder's Pow-Wow will be held on 2-5 September, the Labor Day weekend (same weekend as the first week of Camp Paradise...)

The meeting was adjourned. The next meeting is Friday, May 13, 2011.

*Rich Saylor (taking notes for Janis)*

**STUFF FOR SALE:**

- Lapidary equipment incl. diamond blades, etc. rocks & who knows what? Sale date: Saturday, 23 April, 10-4 pm. Location: a local storage locker in Salinas; call Craig @ 831-240-8672 for directions & more info. All at "garage sale" prices! Also may contact Sky Paxton for more details, @ 831-262-8044.

- 18" Highland Park saw, with new diamond blade & new motor. Asking \$800 OBO. Call Sky Paxton @ 831-262-8044.

-A large dining room set with table and 5 chairs for sale; \$100. Call Alyce Thompson at 375-4870. (Alyce lives in P.G.)

**JADE CARVING CONTEST: this came to Donovan at cvgms.org. :**

Brian Matheson, of the East Hastings club in Vancouver, BC, Canada, has announced a Jade Carving Competition; details, photos etc. can be found on the following website:

[jadesymposium.com](http://jadesymposium.com)

Essentially, it's a 3 month long carving competition, done by mail, not in person in British Columbia. Each entrant will be sent a small block of "Yukon" jade to carve; when finished, entrants must send certain required photos of themselves and their work; all photos will be published, and judging will be by popular vote. The winners will receive cash prizes. Entries, along with the \$200 entry fee, should be made by May 15. Even if you don't plan on entering, anyone interested in jade carving will find the website itself interesting! -Rich

**MEMBERSHIP NOTES...**

Note to all members, from Jay: Our new sunshine person is Nicole LeVere, who can be reached at 214-0236, or by emailing her at [ogs\\_mom@hotmail.com](mailto:ogs_mom@hotmail.com).

Members should let her know if they know of another member that is under the weather.

In March, Asbjorn Halvorsen joined the club; he spends a lot of time in Norway but will be with us when he can!

At the April meeting we had 32 members in attendance and 8 guests present.

As of the last meeting we now have two new members, Mike & Carolyn Cole (Ewells' son & daughter in law).

**MATT & BARB'S WORKSHOP, April 9 & 10**

Just a note about the open house workshop at Matt and Barb's. I had a great time ! Little lapidary elves showed up and helped put together my grinder. I learned a lot in a short period of time and feel very comfortable working with a Genie system. Very few people showed up on Saturday even thou the word was out and lots of goodies and good advice was available. I managed to slab out some agate nodules I got from Mike Green and was amazed at the nice banding inside. A cup of coffee and a doughnut and I

was ready to hit the grinders. Plenty of room and plenty of equipment but short on members showing up. This weekend was a great opportunity (especially for new members) to learn some new lapidary tricks, Get some nice material and just "talk shop". I am sorry we had such a low turn out. I returned on Sunday and even less people showed up. Thanks to Matt and Barb for all their work and efforts. I for one was very glad to be there. (Editor's note: I was able to come Saturday afternoon, but by that time the others- including Bob- had already left...)

Bob Weibel

\*\*\*\*\*

## From Ehow.com: How to Dissolve a Broken Drill Bit

(Note: this only works for non-ferrous metal jewelry, except for the broken steel bit.)

So you are drilling a hole while fabricating your jewelry and the bit broke. Now the bit is stuck in your precious metal jewelry. Relax. The bit can easily be dissolved using alum, a household item sold in the grocery store as a pickling spice.

### THINGS YOU'LL NEED:

Gather the alum and a pyrex dish that is large enough to hold the jewelry piece that contains the broken bit. Measuring cups work particularly well for this purpose. Fill the dish with warm water.

1. Dissolve one tablespoon of alum per 1/4 cup of water. So if you need a whole cup of water to cover the piece add 4 tablespoons of alum.
2. Allow the piece to soak. The alum solution dissolves ferrous metal. Thus, the solution will eat away at the steel bit without harming the non-ferrous metal, but be aware it may take hours for the bit to be completely dissolved. Use copper tongs to move or retrieve piece.
3. The leftover alum should be highly diluted before disposal. Alum solution into water, not water into solution. Do not allow solution to come into contact with anything ferrous, including plumbing.

### TIPS & WARNINGS:

- The warmer the solution the faster the steel will dissolve. You can hasten the process by simmering the solution on a hot plate using Pyrex. You can also suspend the glass jar in an ultrasonic cleaner to hasten the dissolution process.
- Never use a metal pot with alum, it can damage the pot. Use glass only.
- Never use the alum solution in a piece that contains stones, as it will harm the stones.
- Alum can be used with non-ferrous metals only (such as gold, silver, brass and copper).
- Although alum is a pickling spice, it can cause harm if ingested in great quantity. Call poison control if eaten by children or pets .
- Pots and pans used for jewelry production should not be returned to household use after being used for fabrication.

## From Karin Salomon...

Posted by:"rocknspector" [rdmilner@verizon.net](mailto:rdmilner@verizon.net), Sunday March 20, 2011 1:30 pm (PDT):

*As demonstrated in the previous posts, the generosity of the Depue family to the lapidary community is unmatched. And the following event is another example of how the tradition continues with Don Depue's contribution to a group of like-minded lapidary enthusiast. This is a fun event that only exists because of Don's love of the arts and his enthusiasm to share his knowledge with others.*

### **TULE GEM AND MINERAL SOCIETY AND DIAMOND PACIFIC TOOL CORPORATION INVITE YOU TO ATTEND "5th Annual EARTH SCIENCE PLAY DAY"**

**DATE:** April 31st and May 1st, 2011 **TIME:** 9:00AM - 5:00PM

**LOCATION:** Meet us at the country ranch of the famous sphere maker and jade collector Tony Hart and his wife Kathy. Enjoy the hospitality with barbecue provided by Don Depue of Diamond Pacific.

**DIRECTIONS:** To 1381 N Strathmore Ave in Lindsay, Ca = from south of Lindsay, on Hwy 65 turn east on Road 208 for 1.1 miles to Rd 228 (Strathmore Ave) turn left, going north 3.7 miles to location at end road.

**EVENT:** For the people that are interested in lapidary arts, this is a one-of-a-kind event that allows for a hands-on opportunity to see and use some of the newest and best tools and equipment for cutting, shaping and polishing stone. It is hosted by the Tule Gem and Mineral Society and the Diamond Pacific Tool Company. Diamond Pacific, with over 40 years of tool manufacturing experience, has been a leading supplier of quality equipment for commercial applications and the hobbyist.

There will also be staff present to help teachers who instruct earth science classes in identifying rocks. We will also have instructors to give in-class presentations for the purpose of helping students meet

California mandated education requirements. There will also be sample specimens available including igneous, metamorphic and sedimentary rock.

SEE AND USE: Bigfoot, Genie and Titan grinders / polishers, MK wet grinder, Taurus II ring saw, Band saw, 18" rotating flat lap with magnetic diamond grit laps, Mini-Sonic vibratory tumblers, Foredom power tools, including Nova miniature sanding and polishing points for carving stone, the "sculpture" rock lathe, adhesives for rocks and new polishing compounds.

LEARN: From some of the best instructors of earth sciences and the lapidary arts with demonstrations in cutting, shaping, polishing and preserving a variety of rock specimens. There will be a special demonstration making art out of rocks, using the trim saw as grinding tool and using carving tools.

ARTIST'S CRAFTS & ROCK SALE: Equipment, jewelry and other lapidary arts and crafts will be on display and for sale.

For more information contact: Rob Milner  
Phone: 559 359-6174  
Email: [rdmilner@verizon.net](mailto:rdmilner@verizon.net) Web site: [tulegem.org](http://tulegem.org)

And,

Posted by: Bob Veborg, Sunday March 20, 2011 6:31 pm (PDT):

I have a Lortone 18" slab saw, new bearings, lots of life in blade. Excellent condition, \$1500. Highland Park E50 with two grinding one sanding wheel. Polishing pad on each end with new leather and backing, also in excellent shape, \$500. 15" flat lap, 8 speed, almost to cool to sell but I have a flat lap already and this one won't fit my small space, \$500. There also is 2 head sphere machine. It looks to be professionally built but no name on anything. It seems to work OK but I can't see how you change the heads. First \$150 owns it. All this equipment came from an estate, and was donated to the Borrego Springs Rock and Gem Club. It is heavy duty and heavy to move. Call 760 767 7711 if interested.

Bob Veborg, President, Borrego Rock and Gem  
[rveborg@yahoo.com](mailto:rveborg@yahoo.com)

## THE TURLOCK SHOW- by Matt Biewer

Hi Rich,

These are the only pictures we took at Turlock. They had these large metal dinosaurs at the entrance to the show. This show always has lots of fossils and great presentations about dinosaurs. The fourth picture is in the inside of our motorhome with 12 people counting Barb who took the picture.

It includes Jim and Nancy BT, Jeff and Dorinda Bubbenmoyer, Jay and Talma, also some of our family and friends who live in Modesto.

Matt



*Grrr! Aarrgh!*



*In the RV...*



*Must...find...meat...*



*What's that NOISE???*

\*\*\*\*\*

**ROCK COLLECTING FIELD TRIP TO  
ALYCE THOMPSON'S HOUSE** by *Talma Taormina*

Alyce Thompson is a long time member of CVGMS. (*Actually, she's a Life Member- Ed.*) She very kindly invited the Pebble Pups to come to her house and to "collect" any rocks that they wanted from her garden. She also made collecting bags for each of the kids. 7 Pebble Pups attended the field trip to Alyce's house. After they chose their rocks and washed them off Alyce served refreshments in her gazebo in her beautiful garden.

More pictures can be found on our NEW website: [cvgms.com](http://cvgms.com)

THANK YOU, ALYCE!!!



*An "Easter Rock" hunt???*

AND NOW...

**CAMP ZZYZX,** *beginning with a personal view*

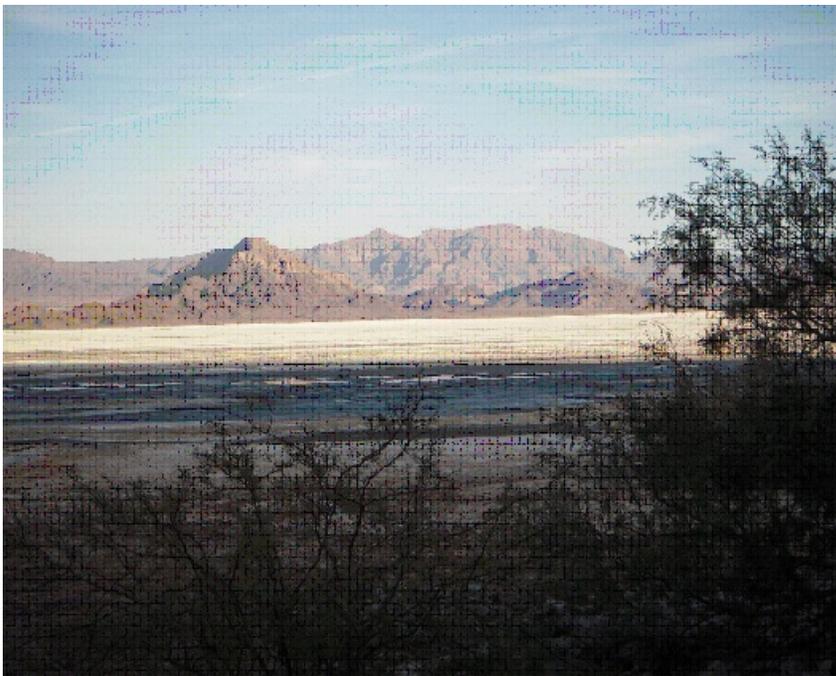
*by Martha Saylor*

On the edge of a dry soda-encrusted lakebed, sits a dated 40's-style resort envisioned by a radio "minister", Dr. Springer (AKA the "King of Quacks"). You approach thru a grid of salt trees, to a once-beautiful long reflecting pool with palm trees and migrating birds. This oasis has been occupied from prehistoric times as a waystation on the eastern edge of the Mojave desert. The year-round natural soda spring is surrounded by rushes and sedges and is home to the endangered Mojave chub (a minnow-like fish). The site is now a "Desert Studies Center" under the supervision of a biologist site manager and Cal State Fullerton. It is in the Mojave Preserve National Park area, and collecting is not permitted (think Pt. Lobos Preserve.)

With an historic past involving army redoubts to safeguard wagon trains, businesses harvesting the soda mineral salts, and a railroad, as well as the (remaining) Native



*The road along Soda Lake into Zzyzx*



Looking East, over Soda Lake (PHOTO: Karin S.)

Americans, they were all dependent on the natural spring. There is a limestone outcrop west of the spring and south of the “resort”, and brown desert-varnished mountains rising out of the soda lake bed, which look across to other outcrops and to the Kelso Sand Dunes and drifts. Towards week’s end, the high temperatures were in the 80’s and 90’s. Two days were windy enough to wind up the wind generator to its whirring (and very, very noisy) best. The nights cooled off with temps in the 50’s one morning, and in the 60’s to 70’s other mornings.

The accommodations were very spartan concrete block “cottages” with a 6’ covered porch, narrow/low head room steel ship’s doors (salvaged from WW2 Liberty ships by Dr. Springer), a small “main room” with 2 bolted down twin beds with stretched wire supports and 5” thick foam mattresses. In one corner there was a three shelf unit for luggage, 2 chairs, and a heater; plus, adjacent to the main sleeping area, in what had previously been the bathroom, a very narrow “room” with a changing bench/curtain and a deep

closet, and a medicine cabinet. Visitors leave their rooms unlocked, as the door locks don’t work. The rooms stayed mostly cool during the day. The first row of cottages look out across the reflecting pond with its coots, a pair of ducks, and a pair of grebes. Lots of song birds live in the palm trees.

Most desert wildlife is nocturnal, with occasional sightings of foxes, coyotes. Rodents abound, as do scorpions, so the rule is keep the room door closed at all times to keep them out and to store things off the floor (so they can’t hide underneath if they do get in). So, ventilation is only via the casement windows to try and cool down in the evenings. I blocked the open door with the welcome rubber mat propped up with the wastebasket one evening to try and get some of the cooler outside air into the room. I read by the door while waiting for the wind to come up again, and a small mouse ran in. It hid behind the wastebasket when it saw me. When I moved the wastebasket, it ran back and forth along the back of the mat trying to escape with very quick movements. It succeeded when I knocked the mat flat. At dinner one evening, in



Aptly named...



Part of the camp...

the outside dining area beneath a large rock face, there was a larger mouse- or at least what *looked* like a mouse- scavenging bits, and we saw a kangaroo rat bound across the rock face once, also.

The desert plants were blooming with lots of several yellow daisy types and a white daisy called “desert chicory”. I also saw desert verbena with pink mini pom-poms of blossoms, and a white/gray lily, both of which were nicely perfumed. There were also less showy prickly yellow and purple fiddlenecks. Also, I saw a tiny lavender-speckled cupped star. Where the sand was exposed, there were numerous animal tracks and traces of tail dragging (or maybe snake tracks...ed.)?

I climbed up the alluvial fan/hill one morning and could see the meandering river bed with some water still in it out in the otherwise dry lake bottom. Small lizards with a beautiful turquoise blue spotted back and orange spotted sides could sometimes be picked up.

The 4 toilets and 5 showers with trough sinks for 8 stations per each gender were in a separate newer building. There is also the 2-story "castle" with dorm rooms above and "cottages" below, and a dining room and kitchen with a library and extra classroom wrapped around the north end of the limestone outcrop. The library had been Dr. Springer's office, and the extra classroom had been his radio recording studio. There is a bell tower, and the bell rings for meal times.

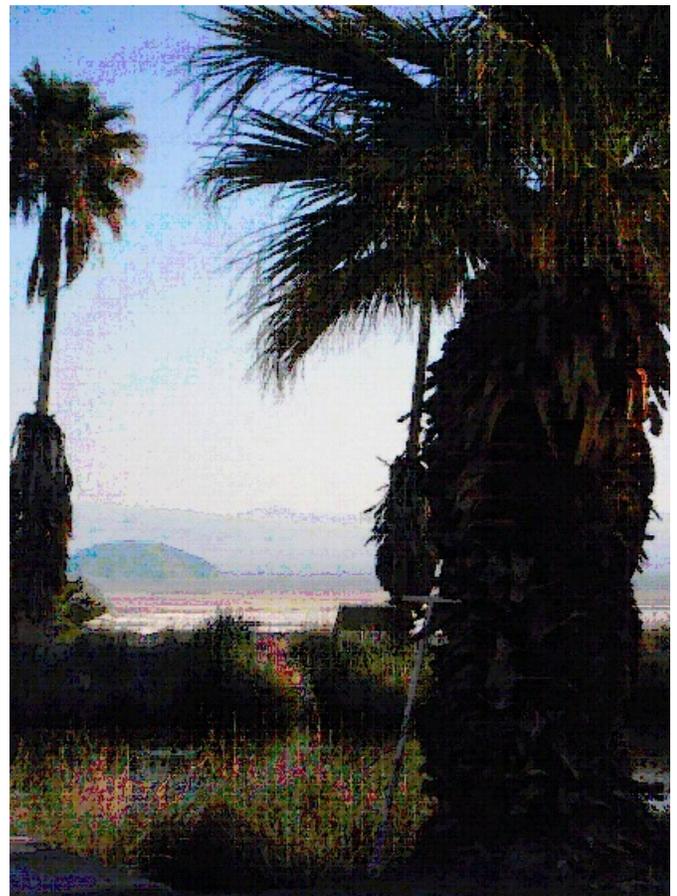
Martha



Some of the rooms, with porches



Parking near the shower-washroom



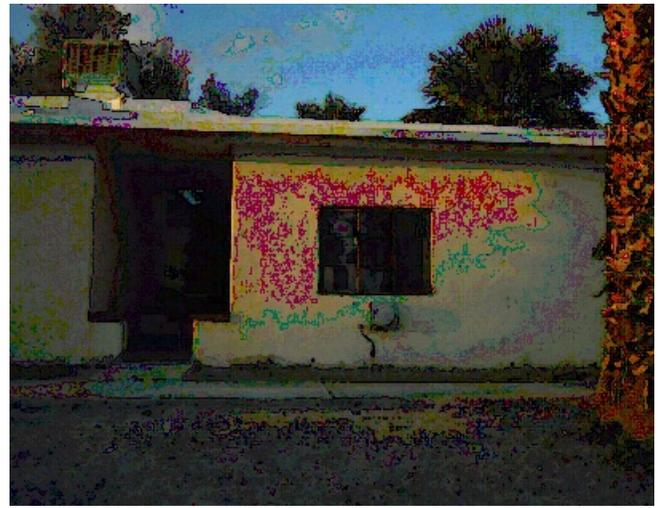
Looking towards Soda Lake from camp



Near sunset



The hill above the camp; wind (and noise!) generator above

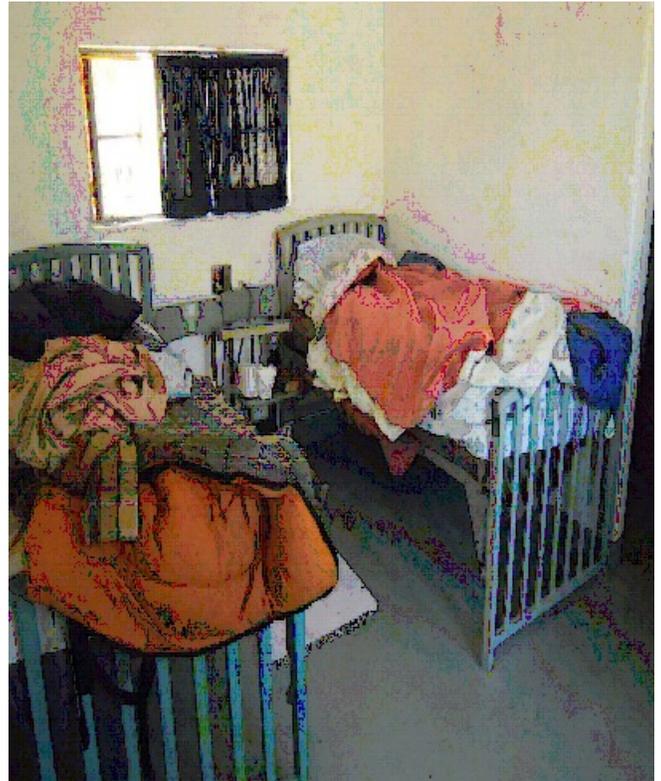


Our room...

*And now, to continue...*

I trust Martha's description of the camp has helped those who haven't visited Zzyzx- or possibly even the Mojave Desert, itself- get some idea of the environment we spent our week at camp in. It must be said that even though such oases are very uncommon (it being a desert, after all!) Nevertheless there's a stark beauty to all such deserts. Of course, our visit was timed perfectly to coincide with the Spring blooming of what vegetation there is in such places, which explains Martha's description of the local wildflowers. Unless one is a lover of heat, the Winter/Spring seasons are the best times to visit the desert, and especially when rainfall has been somewhat higher than usual, as is the case this year.

By all means, all who visit the desert are encouraged to bring a camera, and look closely at what the desert has to offer visitors. Whether taking photos of large vistas of seemingly endless sagebrush and tumbleweeds against a backdrop of distant often sharp-toothed peaks, or closeups of tiny desert blossoms, there's much more to see- and



Typical beds, bolted to floor

appreciate- than what humans have done to the landscape (mostly the addition of poorly maintained structures and trash) and the next highway exit sign!

Well, anyway, on to the camp...

When you arrive at Zzyzx, some 5 miles off the main highway on a mostly paved two-lane road, you arrive at what clearly is an oasis. The trees are either planted palm trees, or else fairly wispy something-or-other trees, scattered about in sometimes rows, sometimes seemingly randomly. At the camp, there are streetsigns with names like "Avenue of Dreams" and so on. The architectural style- if you can call it that- is somewhere between late Spanish Stucco and early Concrete Block, the combination of which is to



The communal washroom/shower/toilet (separate men's/women's)



The “dinner bell” above the main hall

the benefit of neither. All in all the overall first impression is that of an abandoned motel or somesuch, of the 40's or 50's, with signs of occasional possible habitation. By *what*, of course, is another question entirely...

But no matter. It's the desert, where it's really difficult to tell almost new from truly ancient.

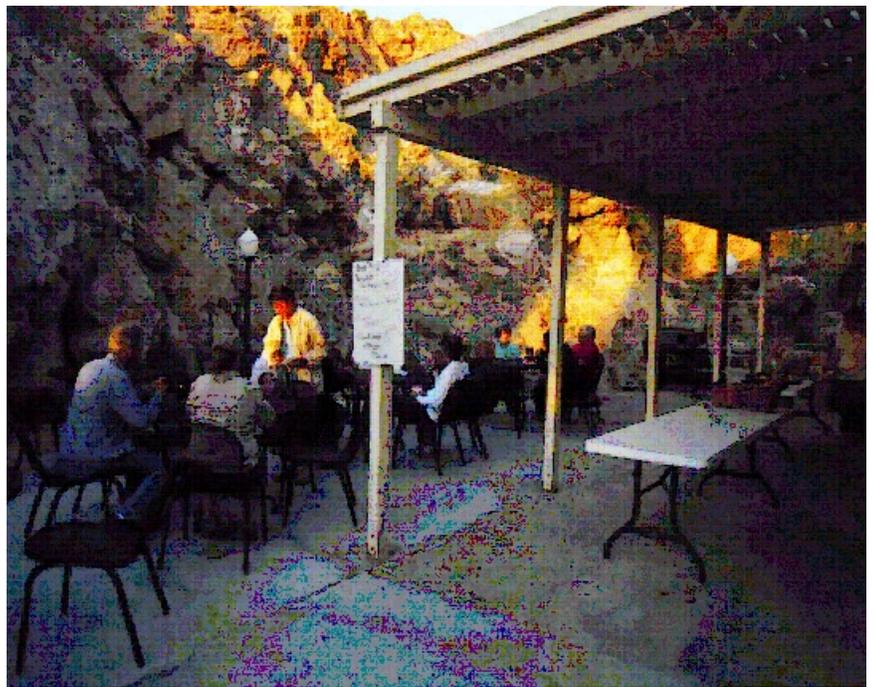
We arrived in mid-afternoon, and were greeted at curbside by the reception committee, who signed us up and directed us to our room for the week, just around the corner. So there we went, and unpacked our stuff in our room. After getting to meet some of the troops, dinner was served pretty darned promptly at 5:30, as it was every night thereafter. First come first served, but there was always plenty for all. The meals themselves were not overly complex, but considering the limited budget given the cooking staff more than acceptable. (We were told later that the cook had some \$21 per person per day for meal supplies....) Anyway breakfast- really, pretty darn good (often eggs, sausage or bacon, occasionally pancakes, and always cold or hot cereal)- & dinner were the focus of meal planning, with somewhat less attention given to the lunch menu. Small packages of chips or fritos or whatever sort of set the lunch tone, with the rest of the midday meal varying in imagination and quality. Sometimes chicken-wrap sandwiches, sometimes hot

dogs, and so on. Whatever. Always available were lemonade, coffee (leaded & unleaded), bug juice & water. Real cream took a hit, as only powdered “creamer”- a misuse of the language if ever there was one- was offered. Oh well. Again, when you give the cost per person for a week's stay (\$350 this year) it was pretty reasonable fare. As for the instructors, they were given accommodations (if required, some brought RV's) and \$200 for their efforts, which was to include any materials or supplies for their courses. Many classes required supplies such an amount couldn't possibly cover and so a number of instructors had packages of needed student's supplies available at most likely their cost, or close to it. Some very basic materials were given at no charge, depending.

So what were the classes offered?

Lapidary, of course, and beadstringing, wire wrapping, PMC (precious metal clay, a technique for making a type of silver-casting, but skipping the hot-metal

casting), copper enameling, scrimshaw, soapstone sculpture, and silversmithing. Most likely the least populated class was scrimshaw and soapstone carving, while most participants chose to become involved in beads, wire wrapping and PMC. Lapidary was also very popular, but most participants didn't stay in lapidary for the week, but instead did a project or two, then went on to other classes. However the largest- and certainly the busiest- class, to my eyes at least- was silversmithing. Most of those in silversmithing came ready-equipped with all sorts of tools & supplies of their own, with projects ranging from the fairly simple to some pretty complex ones! The instructor was well-equipped as well, having brought an assortment of firebricks, torches, and lapidary equipment for students' use. Everyone was pretty busy; so much so that usually after dinner the classroom (a special, separate lab slightly up the hill) was opened up after dinner, with most of the “class” busy on their projects till everyone was thrown out late at night! Only the classes held outside- lapidary and carving- ceased operations after dinner, due to darkness. It's worth mentioning that Zzyzx has no external utilities, being completely off the grid. The camp supplies their own water, waste treatment, and of course electricity, not to mention propane for cooking & heat. Re electricity, what they get from the many solar cells scattered around the camp (generally propped up on old shipping containers), the ever-heard windmill, and a diesel generator, were all the camp had for power, and so usage of electricity was pretty tightly controlled. Mostly for lights,



The outside dining area, with the wind generator above, on the hill



“Pink Moment”...sunset at Zzyzx (PHOTO: Karin S.)

especially at night. Even the lapidary “shop”- a pretty extensive array of equipment- had its electrical power limitations, and so frequent tripping of the circuit breakers was experienced. Every time the power went off, the lapidary instructor- Tom- had us turn all the equipment off, followed by a systematic turning on of the equipment in strict order, lest all fall silent again! Somehow, the entire experience reminded me vaguely of what a future “survivalist camp” might possibly set as a new norm, though I imagine that in such a situation there’d be somewhat less bounty on the dinner table. True conservation, from every point of view! Except for the ubiquitous murmur of constant chitchat...

After breakfast, off to everyone’s workshop for the morning. Lunch at noon, off again to one’s labors in the PM until dinner. Though I personally wanted to experience a couple of workshops more than I actually did, still as most were held in the main building (the exceptions being carving, lapidary & silversmithing) it would have been hard to avoid seeing what others were up to, especially PMC & beading, wire wrap & enameling classes having been held at a separate room at the end of the building,

but still easy to visit. Scrimshaw was held in the same room as wire wrap & enameling, but only was offered in the morning, the same instructor giving carving class in the afternoon, outside in the fresh air. And dust. And heat.

Speaking of which, towards the end of the week, it started to get fairly warm in the afternoon, so finally the “AC units” basic roof-mounted swampcoolers- were finally turned on. Such units were clearly visible on many of the structures, but so far as I know only the ones in the main building and the up-the-hill lab were in operation. Not overly effective compared to modern AC units, but far better than nothing! Anyway, they helped.

Oh, yes...the classes! Martha kept busy with several interests, including making a soapstone carving of a badger (*why a badger...?*) I tried scrimshaw, having brought with me several suitable items to practice on, mostly slices of a certain egg-sized nut from South America, called “tagua nut”. This particular nut closely resembles ivory or bone, a bit paler perhaps, but at least well enough to practice scrimshaw technique on. Anyway, after selecting a nice example of scrimshaw from a book on the topic, I made a larger-size sketch based on a drawing of a ship at sea, complete with very nice renderings of clouds, waves, and of course the ship. At this point I have to say that in no way did my much-simplified sketch even remotely approach the detail, craftsmanship & beauty of the original work, nevertheless it served as somewhere to start. The instructor, Margaret, started us off by having us try the “stipple” technique, which is very



The silversmithing lab (air conditioned!)

much like making a dot-pattern be found in dot-matrix printers or with this approach, finding that the complete lines was fairly excessive, not to mention amateurish-switched methods, using the dots to whether straight, curved or linework using an xacto knife. Much developed a great respect for scrimshaw (are called) of old were modern lot whose art would truly do I've yet seen, including color! By the of nut to justify calling it finished noontime, and (as I later discovered) instructor moving on (as previously soapstone carving.



Yo-Ho-Ho...

picture- using a sharp tool- such as could newspapers. However, I had little luck amount of dots needed to make up and tended to result in a fairly uneven-appearance. A lot of work, too! So I mark the start/stop points of lines, freeform, and then did the actual better, but by this point I has already scrimshanders (what those who practice able to achieve, not to mention the justice to any Currier & Ives lithograph time I'd done enough damage to my slice (take that any way you like!) it was the end of class for the day, the described) to an afternoon session of

Moving right along, my other time either doing lapidary work, learning a lot from Tom, the instructor with respect to doing a really nice job using not only the Titan machine (consisting of 6 very wide, large diamond-coated shaping/finishing grinding wheels) but other machines as well, including a flat-lap machine, which in all honesty proved more difficult to use with good results than I'd previously imagined. Due to somewhat damaged final grit discs, I was forced to go back to the Titan machine to finish my flat-lap creations, which as it happened were a pair of small discs that constituted the dangle ends of bola tips. Well, anyway it worked out. My other projects in lapidary were the finishing of an intarsia bola tie slide I'd brought, nearly finished but not quite, to Zzyzx. I'd chosen to make a circular bola, using a combination of petrified wood and obsidian, then making the combination into a 2" diameter circle, set in a full silver back with a thicker-than-normal bezel around the outside. Problem was, no matter how I tried to make both the piece and its bezel setting match perfectly, it didn't quite match, with the result that I had to use a bit of ground black coloring material mixed with clear epoxy as filler around the very thin but still visible gap. That worked but of course having been filled after "final" grinding, the filler showed. Well, an hour's session with Tom helped, re-grinding the lot down to the point where the stone, the bezel & the filler were all on one (curved) plane and all was well- the filler is now, for all practical purposes, invisible! Yay! So, my next lapidary projects were a couple of large round cabochons...I'd noticed a nice piece of what appeared to be B.C. Jade slab, and so decided to make a nice, round slightly domed cab for a bola tie. All went well until final polishing, when I found that that particular piece of (nephrite) jade would only polish so much and no more, no matter the technique or grade of polish. Noticing what appeared to be a better polish on a similar piece by another student, I found the material he'd cut his much smaller cab from, and used it to make an even larger round cab. It went well but still, only took a certain polish and then no more. Oh well. The last piece I did was a very pretty piece of jasper/agate material (also in Tom's slab collection for student use!) that likewise seemed very suitable for (guess, now!) yet *another* round cab for a fairly noticeable bola... anyway that too went well, so for both the intarsia and jasper/agate bolas, I set aside some obsidian (which I'd brought myself) and some of the remainder of the jasper/agate to make tips with, as I described before.



The desert blooms (but not for long!)

PHOTO: Martha S.

My last workshop effort was in silversmithing, which I began on Wednesday, two days after classes began. At this point I must admit that all my previous silversmithing soldering had been using a traditional woven wire screen on a support stand, which for heavier pieces, works very well as it's possible to heat the material from below. As solder tends to seek hotter material to flow to (when melted into liquid) using a screen and heating from below, you have both the heat/capillary action of solder and gravity working for you. But, when I showed up at the silver lab, I found practically everyone using bricks, instead. I'd heard of this beforehand, but until I saw how the technique was actually used I didn't understand its finer points. Which are- the brick is a very *special* kind of firebrick, being soft enough to allow the use of dressmaker's pins to be inserted as far as one likes into the brick. So what, you might ask....well, the advantage is, when small, tricky to support or to brace parts are being assembled, with flux & solder, ready to solder, the pins can be placed so as to hold all the bits in

position, especially if the more powerful torch blasts are avoided. After watching several students and of course the instructor- Mary-Ann, perform some particularly difficult feats of soldering, I finally tried it myself- with amazingly good results! My pieces consisted of the bands holding the bola tip lapidary pieces, together with the necessary wire loops, all soldered (in a couple of separate steps), soldered without misplacement or misalignment, first time each (4 pieces total). The last piece was the clasp holding the jasper/agate cab (some 2 ½" in diameter) which I finally- going on both my experience in making the full back for the intarsia piece- and the skyrocketing price of silver- decided to make as a somewhat open back, with just enough 18 gauge material to fit the leather tie slides to, and having 3 flat edges tines to grasp the piece with. A slight bit of adjustment and all fitted together quite nicely!

The last thing I learned from class was the use of some really nice electrically-powered "tools"...the



Petroglyphs near Camp Zzyzx (PHOTO: Karin S.)

first, a small heated pot for pickling- the "little Dipper Slow Cooker", 16 oz. capacity, which does a remarkably good job of pickling (removing flux, discoloration and so on) from the soldered piece, ready for polishing. The last (and possibly neatest!) item is a vibrating tumbler, which for silver polishing, uses a mix of stainless steel shot of several shapes, together with a small amount of dishwashing liquid and a very small amount of water to polish the final work. Of course dents & scratches must be removed, by filing, sanding or whatever first, but the "tumbler"- which really is a pot that vibrates, not the usual rock tumbler barrel- works like a charm! It even accepts pieces already set with stones or whatever without damaging them in any way! Suffice to say, after returning home I immediately looked up the best way to obtain these very-much labor saving devices, online. Success! The vibrating tumbler, generally priced at

around \$100 or so at lapidary supply stores, is *least* expensively obtained at Harbor Freight for just under \$50... it holds 5#, but the recommendation was to obtain 3# of mixed shape SS shot, also referred to as "tumbling media". I found it online on ebay, for \$18.50 a pound; the seller only charged a flat \$5 fee for shipping (up to 10#) plus tax for those of us who live in California. The total came to about \$67, with tax & shipping, for the 3#. Last but not least was the issue of the rotating firebrick, which again I found online at a lapidary supply (metalliferous.com). The rotating stands used in class had been made by a former participant who didn't come this year, but online a similar version- called a rotating soldering table- can be purchased for about \$25. Also purchased was a close match for the soft firebrick, which I hope works as well as those used in class.

The staff- such as there was- was on the whole very helpful & easy to get along with. It's my understanding that this coming Fall- September 4-10 & 11-17, there'll be another version of the camp called "Camp Paradise" which is held in Northern California, at what is a "church camp", at some 3500-4000 feet elevation. Nevertheless, expect the days in late Summer to be warm... maybe VERY warm. Pricing will be similar this year (but are slated to increase a bit in 2012), but the facilities differ somewhat, with more readily available toilet facilities and a larger main building. Beyond that it's best to obtain more information directly from the sponsors themselves... contact Marion Roberts, 1505 Plumas, Modesto, CA, (209) 538-0197, or Anna Christiansen at (209) 538-0197. The websites are [cfmsinc.org](http://cfmsinc.org) and (for info/photos of past events) [cfmsinc.org/photos/campparadise.htm](http://cfmsinc.org/photos/campparadise.htm), lots of information & photos. They also teach faceting & lost wax casting, which was not available at Camp Zzyzx. BTW for those of you who hadn't heard, Jim B-T is the current CMFS President!

Given below is the latest registration form for Camp Paradise, 2011:

\* NEW DATES

**Earth Science Studies - Camp Paradise**  
**12725 La Porte Rd, Clipper Mill, CA 95930**  
 Emergency Phone Number for Camp Paradise: (530) 675-2689

**PLEASE READ CAREFULLY BEFORE REGISTERING**

Any Cancellation Prior to August 5 will incur a \$25.00 Administration Fee.  
 No Refunds or Cancellation after this date unless a substitute is provided.

**Make Checks Payable to: CFMS Earth Sciences**

**SEND TO:** Ms. Anna Christiansen  
 245 N 6th Ave  
 Oakdale, CA 95361  
 Tele (209) 847-1173

**For Information Contact:**  
 Mr. Marion Roberts  
 1505 Plumas,  
 Modesto, CA 95358  
 Tele (209) 538-0197

**\*2011 DATES: WEEK 1 Check-in: Sun, Sept 4 Classes: Mon-Fri, Sept 5 - 9 Check-out: Sat, Sept 10**  
**WEEK 2 Check-in: Sun, Sept 11 Classes: Mon-Fri, Sept 12-16 Check-out: Sat, Sept 17**

Camp Paradise is approximately 50 miles east of Marysville, CA, on Highway E 21 (Marysville Rd turn towards Brownsville) Elevation is approximately 3500 ft. The facilities are at a rustic church camp, rooms with double beds (for couples) and/or bunk beds. Bathrooms and showers are communal and located in each building. Housekeeping is the responsibility of each guest. Also available, on a limited basis, are cabins for 4 or more persons (bathroom and showers are located nearby). RV space with electricity and water for most spaces is available. Since it is a church camp, no alcoholic beverages are permitted. Room assignments will be made by staff.

**CLASSES: Beginning Faceting, Ming Trees, Lapidary, Soft Stone Carving, Silversmithing, Lost Wax & Silver Casting, Beginning thru Advanced Wire Art, Copper Enameling, Lampwork Bead Making, Beading, PMC3 Clay and Dichroic Glass.**

Please note - Some classes will have limited space; preference will be given to first time students.  
 \*\*\*\*\*CHANGES MAY BE MADE AS NECESSARY\*\*\*\*\*

List of supplies will be sent to you with your confirmation.  
 Please cut along line below and keep upper part of this sheet for future reference.

**REGISTRATION FORM**

**FEE: \$350 per Person per Week.** Includes lodging and meals

**SELECT: WEEK 1: September 4 - 10, 2011 \_\_\_\_\_ WEEK 2: September 11 - 17, 2011**

**PLEASE PRINT CLEARLY** Name 1 \_\_\_\_\_ Name 2 \_\_\_\_\_  
 Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone ( \_\_\_\_\_ ) \_\_\_\_\_ Email \_\_\_\_\_  
 Club \_\_\_\_\_ Non-CFMS Club Member/Guest \_\_\_\_\_  
 Accommodations (Circle One) Dorm \_\_\_\_\_ Couples \_\_\_\_\_ Dorm \_\_\_\_\_ Cabin \_\_\_\_\_ RV Area \_\_\_\_\_  
 Would like to room with \_\_\_\_\_, if possible.  
 \*\*Special Food Needs (Explain Briefly) \_\_\_\_\_ Diabetic \_\_\_\_\_ Vegetarian \_\_\_\_\_ Other \_\_\_\_\_

**\*\*Due to lack of dietary knowledge and the various interpretations of different needs, we ask that you bring your special food items. We will do our best to prepare them for you.**  
 Animals will be allowed in the RV area only and must be on a leash and picked-up after. Any violation could result in adherence to their no pets rule.

# UPCOMING EVENTS

Only club and Federation shows in California, & nearby shows in Oregon, Nevada & Arizona are listed, due to space limitations. For more information & other out-of-state listings please go to: [rockngem.com/showdates](http://rockngem.com/showdates) or [cfmsinc.org](http://cfmsinc.org)

**COMMERCIAL SHOWS will no longer be listed; those wishing to obtain information on non-club or non-Federation shows are advised to check out the following promoters & websites for the latest info & show dates:**

ALL "Crystal Fair" events: contact Jerry Tomlinson, P.O. Box 1371, Sausalito, CA 94966, (415) 383-7837 (415) 383-7837 ; e-mail: [jerry@crystalfair.com](mailto:jerry@crystalfair.com); Web site: [www.crystalfair.com](http://www.crystalfair.com)

ALL "Gem Fair" events: contact Yooy Nelson, (503) 252-8300 (503) 252-8300 ; e-mail: [info@gemfaire.com](mailto:info@gemfaire.com); Web site: [www.gemfaire.com](http://www.gemfaire.com)

ALL "Rings & Things BeadTours": contact Dave Robertson, (800) 366-2156; e-mail: [drobertson@rings-things.com](mailto:d Robertson@rings-things.com); Web site: [www.rings-things.com](http://www.rings-things.com)

**Please confirm all show dates- Ed.**

## MAY 2011:

**13-15 ANDERSON, CA:** Show, Northern California Treasures CFMS Show & Convention; Superior California Gem & Mineral Society; Shasta District Fairgrounds, 1890 Briggs St.; Fri. 9-5, Sat. 9-5, Sun. 10-4; adults \$4, seniors \$3, students \$2, children under 12 free; displays, world-class speakers, auction, demonstrations, raffle, dealers, minerals, fossils, jewelry, gems, beads, supplies, gifts; contact Steve Puderbaugh, 19652 N. Hirsch Court, Anderson, CA 96007, (530) 604-2951; e-mail: [steve@applyaline.com](mailto:steve@applyaline.com); Web site: <http://superiorcal.com>

**14-15 FOUNTAIN HILLS, AZ:** Retail show; Rick Obermiller; Fountain Hills Community Center, 13001 N. La Montana Dr.; Sat. 10-5, Sun. 10-4; adults \$2, children under 12 free; indoor show, mostly Arizona dealers, gems, minerals, jewelry, fossils, kids' activities, drawings, raffles; contact Rick Obermiller, 1332 N. Jesse St., Chandler, AZ 85225-1598, (602)826-2218; e-mail: [obrocks@gmail.com](mailto:obrocks@gmail.com)

**21-22 JACKSON, CA:** 11th annual Tailgate Gemboree; Fossils For Fun Society; Kennedy Gold Mine, 12954 Kennedy Mine Rd.; Sat. 9-5, Sun. 9-5; free admission; indoor exhibits, outdoor dealers, rocks, gems, minerals, fossils, Sat. auctions, surface mine tours, gold panning; contact Debbie Bunn, P.O. Box 255702, Sacramento, CA 95642, (916) 929-6665; e-mail: [fossilsforfun@hotmail.com](mailto:fossilsforfun@hotmail.com); Web site: [www.fossilsforfun.org](http://www.fossilsforfun.org)

**21-22—HERMISTON, OREGON:** Annual show; Hatrockhound Gem & Mineral Society; Hermiston Conference Center, 415 S. Hwy. 395; Sat. 10-6, Sun. 10-4; adults \$2, 15 and under free with an adult; contact Mike Filarski, (541) 922-5091

## JUNE 2011:

**3-5 WOODLAND HILLS, CA:** Show; Rockatomics Gem & Mineral Society; Pierce College Farm, 20800 Victory Blvd.; Fri. 9-5, Sat. 9-5, Sun. 9-5; contact Gary Levitt, (818) 993-3802, (818) 321-6290; e-mail: [Show@rockatomics.org](mailto:Show@rockatomics.org); Web site: [www.Rockatomics.org](http://www.Rockatomics.org)

**4-5 GLENDORA, CA:** Show; Glendora GEMS; Goddard Middle School, 859 E. Sierra Madre; Sat. 10-5, Sun. 10-4; contact Bonnie Bidwell, (626) 963-4638; e-mail: [Ybidwell2@aol.com](mailto:Ybidwell2@aol.com)

**4-5 LA HABRA, CA:** Show, Jubilee of Gems; North Orange County Gem & Mineral Society, City of La Habra; La Habra Community Center, 101 W. La Habra Blvd.; Sat. 10-5, Sun. 10-5; free admission; dealers, demonstrators, exhibits, youth activities, geode cutting, raffle prizes, lapidary equipment and supplies, handcrafted jewelry; contact Dave Swanston, (626) 912-1531; Web site: [www.nocgms.com](http://www.nocgms.com)

**17-18—ONTARIO, OREGON:** Annual show; Ontario Rock & Gem Club; Malheur County Fairgrounds, 795 N.W. 9th St.; Fri. 9-6, Sat. 9-6; adults \$1, children under 14 free; contact Dan Jensen, PO Box 961, Ontario, OR 97914, (208) 740-0937; e-mail: [rgshowontario@yahoo.com](mailto:rgshowontario@yahoo.com)

**18-19 CAYUCOS, CA:** 51st annual show; San Luis Obispo Gem & Mineral Club; Cayucos Vets Hall, 10 Cayucos Dr.; Sat. 9-5, Sun. 9-5; free admission; dealers, rock, gems, minerals, jewelry, gemstones, beads, cabochons, crystals, fossils, jade, rock slabs and rough, custom wire wrapping, lapidary and jewelry-making equipment, prize drawing; contact Mike Lyons, (805) 610-0757; e-mail: [jadestar@charter.net](mailto:jadestar@charter.net); Web site: [www.slogem.org](http://www.slogem.org)

**18-19 NEWPORT, OR:** 48th annual show, Rockn the Coast; Oregon Coast Agate Club; Yaquina View Elementary School multipurpose room, 351 SE Harney St., just off Hwy. 20, turn south at the light; Sat. 10-6, Sun. 10-4:30; dealers, demonstrators, displays, door prizes; contact K. Myers, PO Box 293, Newport, OR 97365

**23-26—PRINEVILLE, OREGON:** Annual show; Prineville RockHound Pow Wow Club; Crook County Fairgrounds, 590 SE Lynn Blvd.; Fri. 9-5, Sat. 9-5, Sun. 9-4; free admission; field trips, auction; contact Rich Knight, (541)447-5298; e-mail: [richknightr@gmail.com](mailto:richknightr@gmail.com); Web site: [www.prinevillerockhoundpowwow.com](http://www.prinevillerockhoundpowwow.com) 3-5 PUYALLUP, WA: Annual show; Puyallup Valley Gem & Mineral Club; Fruitland Grange, 11102 86th Ave. E; Fri. 12-5, Sat. 10-5, Sun. 11-4; contact Nancy LeMay, (253) 952-6212; e-mail: [bees2knees@att.net](mailto:bees2knees@att.net); Web site: [www.puyallupgemclub.org](http://www.puyallupgemclub.org)

## **JULY 2011:**

**9-10—CULVER CITY, CALIFORNIA:** 50th annual show; Culver City Rock & Mineral Club; Culver City Veterans Memorial Auditorium, 4117 Overland Ave.; Sat. 10-6, Sun. 10-5; free admission; demonstrations, jewelry classes, club displays and exhibits, youth games, more than 35 dealers, gems, jewelry, minerals, fossils, tools, beadwork, castings, wire-wrap, carvings, glass-work, rough slabs, polished cabs, jewelry displays, door prizes, free specimens for junior rockhounds; contact Robert Thirlaway, (310) 462-2269; e-mail: [fiestaofgems@gmail.com](mailto:fiestaofgems@gmail.com); Web site: [www.culvercityrocks.org](http://www.culvercityrocks.org)

**14-16—NYSSA, OREGON:** Show, ““Thunderegg Days””; Nyssa Chamber of Commerce; Nyssa Elementary School Grounds, 105 Main St.; Thu. 10-9, Fri. 10-9, Sat. 10-9; free admission; daily rock tours, search for thunder eggs, moss agate, petrified wood, or pink plume, rock and gem vendors; contact Susan Barton, 105 Main St., Nyssa, OR 97913, (541) 372-3091; e-mail: [nyssachamber@nyssachamber.com](mailto:nyssachamber@nyssachamber.com); Web site: [www.nyssachamber.com](http://www.nyssachamber.com)

*Upcoming Live Auction:*

## **Rocks, Slabs & Bargains**

Lots of rocks, lots of equipment, lots of bargains, and lots of fun.

It's here again, the Annual Rock Auction, June 20 at the Centre Concord in Concord brought to you by the Contra Costa Mineral & Gem Society.

Join us for a wham-bam evening of fast moving action, excitement and fun. Bring your enthusiasm – and your money! (Proceeds go to local scholarships.)

There will be plenty of rocks and slabs, plenty of jewelry and findings, plenty of equipment, plenty of food -- *and plenty of deals.*

Don't be left out. These deals only come about once a year. This is the time to stock up at unbeatable prices. You can't win if you don't bid; and you can't bid if you don't come. All items go home with the highest bidder.

Auctions starts at 7:30 pm (preview at 7:00), June 20, at the Centre Concord, 5298 Clayton Road, Concord (that's the same location as the CCM&GS Gem & Mineral Show).

Proceeds go to local scholarships.

See you this June -- at the Auction!

Harry Nichandros  
CCM&GS

## **AND DOWN THE ROAD, IN SEPTEMBER:**

Here's a chance to meet other "rockers"- *Karin Salomon*

CFMS Field Trip Jade Cove- September 15-18th 2011. This field trip is in September, but you can reserve your campsites now- see below for link.

If you're interested in going to Jade Cove in Sept., reserve a site. Half the sites are first come first served, if you're not able to reserve a site. You can reserve sites months ahead; that's why this is so early. I will be at camp #35 Thursday.

**Sunday September 15-18th:** Here is the link for reservations:

<https://www.recreation.gov/campsiteSearch.do>

Field trip: Our September field trip will be to Jade Cove, south of Big Sur. We will be looking for Nephrite Jade. It can be found along the shoreline. You can come up for the day or join us camping overnight. Deb and I will be there Thursday Sept 15th to Sunday 18th. Day use free by side of road, camping \$22.00. No electric hookups. 45 campsites half are assigned on a first come, first served basis. You now can reserve your campsite. See contact information below. persons per site. Each site has a picnic table, grill and fire pit. Flush toilet restrooms and water nearby. Saturday night there will be a potluck dinner.

Directions: go to Plaskett Creek campground. Campground is on right side (east). Once at campground, look for a CFMS sign next to the sign by entrance or by Robert's campsite #035.

**Meeting: Friday/Saturday 9am-4pm.** On Sunday afternoon, we will meet at Robert's campsite #035. There will be a short briefing about the sites. We will be going to Jade Cove, Sand Dollar Beach, Willow Creek. Please remember to sign a release form to participate in the field trip. From the camp to Jade Cove we will then drive south on Hwy 1 half a mile to a long pull out on right side (west) with an entrance to Jade cove. Use the stairs to climb over the fence and walk approximately 150 yards across a grass area to a switch back down to the cove, approximately 100 yards, use sturdy shoes. The bottom of the trail can be washed out so take your time. Walk over the bigger rocks at the basin to the center of the cove where there is a small beach. In the surf and along shore Jade can be found amongst the other rocks. Be careful and aware when collecting close to the surf zone. Mineral to collect: Nephrite Jade, Serpentine, Actinolite, Soapstone, Abalone shells. Tools: Collecting bags, buckets, day pack, digging tools, rock pick, pry bar, eye protection, trowels, hand rake, hat, sunglasses, sunscreen, sturdy shoes, rubber boots or old tennis shoes, layered clothing, towels, change of clothes/shoes in case you get wet. Drinking water, lunch or snacks. camping gear if you plan on spending the night. (The main tools to use are simple garden tools, a hand trowel and hand rake) Please let us know if you are going to go on the field trip, weather changes. If we don't know you're going on the field trip, we won't be able to contact you if the field trip is canceled. Color aerial photo of Sand dollar beach to Jade cove is available if you're interested, e-mail me and I'll send it to you.

- Robert Sankovich, CFMS Co Chair south field trips; 805-494-7734 [rmsorca@yahoo.com](mailto:rmsorca@yahoo.com), [rmsorca@adelphia.net](mailto:rmsorca@adelphia.net) or Adam Dean 909-489-4899 [theagatehunter@verizon.net](mailto:theagatehunter@verizon.net)