

The Carmel Valley **PROSPECTOR!**

October-November 2012 Volume 52, Numbers 10 & 11

EDITOR'S NOTES:

Well, it took longer than anticipated to sort through all the incoming correspondence & emailed Show photos... my thanks to all who responded with such great shots! However in spite of good intentions I just couldn't put together the combined October-November issue of The Prospector until this week, due to the usual catastrophes that occasionally befall us all! No matter, better late than never... hope you enjoy the photos!

And, for those of you who might be considering going to Camp Zzyzx in the Mojave Desert this coming Spring, there's an application form at the end of this issue; if you cut it out to send in, the info printed on the other side- page 11- will be reprinted next month. If you do want to attend, spaces and choice of accommodations are limited, so send in your application early! -Rich

PRESIDENT'S MESSAGE, October:

Hi Everyone!

Wow! What a great show! As always, the exhibits were beautiful, informative, creative presentation and I want to give a little special mention of our amazing Pebble Pups! We had 7 Pebble Pup cases this year....the most we have had so far. It's really exciting to see the enthusiasm of the youngest members of our club because it assures me that the future of rockhounding and our hobby will continue and is in very good hands! And thank you to Talma who continues to educate and inspire them monthly with a great Pebble Pup program!

And another great big 'THANK YOU' to all of our club members who helped....without you, there would be no show! The Wednesday set up crew which is a LOT of work; our great "Security Team", Jim and Nancy Brace-Thompson who travel all the way from Ventura to sleep on cots to protect our treasures!; the snack bar and food prep crew who work very hard keeping a constant flow of fresh and delicious food; the tireless crew in the kids area; the geode cutters, demo and silent auction crew; the front desk crew who welcome the public; the 'floaters' who step in and give a break to anyone who needs it and fill in wherever needed!! And we are also very grateful for great dealers! Thank you all!

Our October program is another "hands on" evening under the direction of the Franco family. With Christmas just around the corner, this may be a great opportunity to create a special, one of a kind handcrafted gift for someone. And if you have any wire wrapping tools you could share, it would be greatly appreciated....just remember to have your name on them so we can get them back to the right people at the end of the evening.

Workshop at the Biewers is the very next day! Saturday, Oct 13 and Sunday, Oct 14. Another great opportunity to learn some lapidary skills, and create another handcrafted item that, among other things, could be used to wire wrap using the skill learned the night before at our Friday night meeting! There will be material available for free or bring your own material or projects to work on. We are so fortunate to have a place where we can learn to use the lapidary equipment and work on our projects! Thank you to the Biewers for their generosity in providing this place for us!

Also a big thank you to Ed Clifton for not only sharing his love and knowledge for geology but his follow up "walk and talk" time with us the next day at Pt. Lobos! The tide was a little higher than he expected so his activity had to be adjusted but isn't life about 'flexibility' and often enriched by the 'unexpected'! Thank you Ed.

I'm looking forward to seeing you Friday, Oct. 12!

Susie Harlow, President, CVGMS

PRESIDENT'S MESSAGE, November:

WOW....where has this year gone!! A big 'Thank you' to the Francos for another fun 'hands on' evening! Did anyone complete a potential Christmas present? It would be fun to have a short 'show and tell' of your completed projects from both of our wire wrap nights....just a short one though because.....it is AUCTION NIGHT !

Our next meeting, Friday, Nov. 9, is our annual AUCTION to benefit our annual show, club activities, our school programs and scholarship program (our recipient this year was Addison Sani who graduated from MPC and is now at UC Santa Barbara majoring in Geology).

Be thinking about anything rock related....specimens, equipment, etc. to donate to this worthy, and fun, cause!

Our December meeting will be our annual Christmas Dinner and Installation of Officers for 2013 and the date is Sunday, Dec. 9 at the Masonic Lodge in Pacific Grove. Please mark your calendars....it is a night of great food and great folks!

I won't be at the Nov. meeting because I will be babysitting 4 of my grandkids for a week! If I survive, I will see you at the Dec. Christmas Dinner!

Have a great auction!
Susie Harlow, Pres, CVGMS

CVGMS BOARD MEETING: *September 14 , 2012*

Call to Order: Meeting called to order by President Susie Harlow.

Present: Susie Harlow, Pearl Chan, Matt and Barb Biewer, Talma Taormina, Adrienne Pimentel, Jay House, and Janis Rovetti.

Membership: Jay reports there are no new members.

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

Scholarship: Talma is considering the possibility of doing programs at the PG Museum in addition to the regular school presentations.

Correspondence: Matt picked up the contract from McDaniel for renewal of the Directors and Officers Insurance. Janis will take care of completing this.

September Program: Our September program will be presented by Ed Clifton with a follow-up walk, talk and surprise activity at Pt. Lobos the following day.

October Program: Our October program will be the Franco's demonstrating wire wrapping. If you were not at the last one they presented don't miss this one. It was such fun.

New Business: Well, I think we are just about ready to have our 53rd annual Gem Show at the fairgrounds. We will see you all there!

Workshop: There will be a workshop at the Biewer's house on October 13 and 14. Bring your own lunch.

The meeting was adjourned. The next meeting is Friday, October 12, 2012.

Janis Rovetti, Recording Secretary
Happy Thanksgiving (almost!)

CVGMS BOARD MEETING: *October 12 , 2012*

Call to Order: Meeting called to order by President Susie Harlow.

Present: Susie Harlow, Pearl Chan, Margaret Chan, Matt and Barb Biewer, Talma Taormina, Karin Salomon, Adrienne Pimentel, Jay House, and Janis Rovetti.

Membership: Jay reports that we have one new member, Mary Field. A big welcome to Mary! We are so happy to have you join our club.

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

Federation: Karin reports that the Visalia Federation meeting will be Nov. 9, 2012 and she is planning to attend. She also reports that Ed and Eileen Ferner will be teaching "Chainmaille" jewelry making at Zzyzx Camp Paradise in 2013.

Scholarship: Talma suggested giving Addison Sani a college scholarship to UC Santa Barbara. It was M/S/P to award Addison a scholarship.

Correspondence: Matt reports that Sacramento is having their annual gem show Nov. 10 & 11.

New Business: We will be having the nomination of officers at the November meeting.

October Program: The Francos will give the program demonstrating wire wrapping. If you were not at the last one they presented don't miss this one. It was such fun.

November Program: We will be having our annual rock auction. Please bring goodies to auction off.

December Program: Our annual Christmas dinner on Sunday, Dec. 9. The meeting was adjourned. The next meeting is Friday, November 9, 2012.

Janis Rovetti, Recording Secretary

SHOW PHOTOS

Edited by Rich Saylor



Children experimenting... *Wilson photo*



Greeting visitors (& selling tickets!) *B-T photo*



Great dealers!

B-T photo



Matt's new suspenders.... *B-T photo*



Remembering Bob Lee..

Wilson photo



Cutting geodes

Biewer photo



Serving the multitudes....

Biewer photo



"Galas Minerals" nice display

B-T photo



The Silent Auction...

RS photo



Talma making necklaces *RS photo*

Hopefully, the photos (mostly) speak for themselves!

Again, I wish to thank all those who contributed so very many photos, and of course I wish I could have printed them all, but I couldn't, of course !

Photo credits are as follows: B-T= Brace-Thompson, (Nancy or Jim), Wilson= Andrea Wilson, Biewer= Matt or Barb Biewer, RS= Rich Saylor. (Sorry I couldn't be a bit more specific, Nancy, Jim, Matt & Barb... I only know who sent them, not necessarily who took them!



Jay demonstrating how spheres are made...

RS photo

SHOW REPORT & workshop at the Biewers... *Matt Biewer*

Hi Rich,

Attendance was down for the show. We did 774 for the two days. This is the first time we dropped below 800. We even had more advertising this year. Dealer response was mixed. Some did good, others just so-so.

Re the upcoming Saturday/Sunday workshop, Barb and Jeff were considering doing some gem carving, so anyone interested should stop by if they can!

Matt

MEMBERSHIP REPORT.... *Jay House*

The club would like to welcome three new members! They are-

Sally Eastham, Monterey; Doug Brooks, Carmel; and Mary L. Field, Pacific Grove. (Club members wishing to have new members' contact snailmail & email addresses for their club directory should call Jay at 372-1011- Ed.)

AND FROM TALMA...

Pebble Pups:

Our (October- Ed.) meeting is this Friday. Since the Franco family is doing a workshop on wire-wrapping at the meeting, we decided that we won't have a separate Pebble Pup activity this month.

And then, next month is the auction. So, we won't have one in November.

And December is our Holiday Dinner, instead of a meeting.

So, the next Pebble Pup activity will be at the January meeting.

Talma Taormina, Scholarship Chair

PT. LOBOS FIELD TRIP REPORT *by Martha Saylor* **Sept. 15, 2012 Ed Clifton field trip at Pt. Lobos's Weston Beach**

We met at 9 am at the beach. The Hamilton family, Mary Jane Stevens, her cousin Claudia, & I attended. Dr. Clifton, a geologist, is gifted with great curiosity, which helps him understand the reasons behind the geologic formations at Pt. Lobos. He is an enthusiastic teacher.

Ed showed us a bottle filled with various sized sand, small pebbles, and water; then shook it gently; the larger pieces worked their way to the top. This demonstrates the reason behind the variation in grain size in the layers of sandstone (graded beds) at the beach. We ran our fingers along the bottom edge and the top edge of a "shelf" of sand, and it felt like fine versus coarse sandpaper. He said for this reason, the coarser grains being on the uppermost layers, people can tell which way was up even when the layers are later tipped on edge.

He had us look for ripples in the sandstone, and then pointed them out in various locations at the beach. Their direction, etc. indicates shallow wave action. They show up best when the light is close to the angle of the rock surface. Also, the green algae is *extremely* slippery!

He also showed us various trace fossils. The "kelp-like" trace fossils show up best when they're wet. The identification of the actual animal that *created* the traces is not known. He mentioned some shrimp and clams that leave traces, but he thinks it may be a version of a sea cucumber. He had laminated illustrations to help explain the 3-D aspect of the trace fossil. The sand was 200 to 600 meters below sea level while the animal was leaving the traces in it. He showed us concretions that were still in place and hollowed-out places where they had eroded out. Some, still in place, were larger than a basketball, and were split or fractured into several sections. There were also tube concretions that were probably left behind by a type of sea worm. Also, there were holes in the sandstone which were probably worm holes burrowing thru the sand.

Ed also mentioned prehistoric blue-green bacteria that is still living on the rocks in the splash zone. It is one of the oldest life forms, dating to approximately 2-1/2 billion years ago.

Of the pebbles making up the beach, the brownish ones are from a Jurassic-era ground mass, and are also found in the Mojave desert; the separation having been caused by pronounced fault movements along tectonic plate boundaries. The polka-dotted pebbles are volcanic in origin, the granite pebbles having been imported by modern road building or some such.

He also pointed out a fault line where the sandstone layers abruptly changed directions. He mentioned that the Rinconada fault has had a 40 mile offset over the last 30 million years.

So, he shared a lot of what he had gleaned from studying and thinking about the cove. All in all, it was an interesting and enjoyable field trip! Thanks, Ed!

AND NOW...

Rich, here's something that might be good to include in the October newsletter. -Jim Brace-Thompson

Would you encourage your club members to submit projects to our Lapidary of the Month contest for *Rock & Gem* magazine? All I need is a clear high-resolution photo of the finished project and 300 to 400 words describing how it was made. The project doesn't have to be complicated, just involve lapidary. I will even allow them to submit by e-mail.

I have nothing to run in the December issue or future issues. This is a sure-fire way to win a Dremel tool kit and personalized plaque. I need to receive something by October 17.

Thanks for anything you can do,

Lynn Varon, Managing Editor, *Rock & Gem* magazine

3585 Maple St., Ste. 232 Ventura, CA 93003 (805) 644-3824 ext. 129 www.rockngem.com

PALMDALE FIELD TRIP *forwarded by Karin S.*

CFMS Co-op with Palmdale Gem & Mineral Club, by Robert Sankovich, 805-494-7734 rmsorca@adelphia.net

Field trip: November 3rd field trip, Saturday, November 3rd. 2012, 9am-3pm, to Gem Hill for agate, jasper, opalite, & petrified wood. This is a good field trip for all rockhounds, you will be able to find float material on the surface or you can dig and find better material. You don't need 4 wheel drive.

Directions: 14 Freeway north towards Lancaster. Exit at Rosamond Blvd. Turn left (west) go 3.4 miles to Mojave-Tropico Rd. Turn right, (north) go 4.7 miles. Turn left (west) on a dirt road, go .7 miles, Turn left (south) to hills .3 miles. You should see a CFMS sign in the window of my white Ford F-250 truck.

Material to collect: Petrified Wood. Brownish-gray exterior giving a rather chalky appearance. White, cream, and brown are the most predominate colors. Fairly good display of wood grain on broken surfaces. Digging is required for this material. Good for tumbling and cabbing.

Jasp-agate. Weathered green outside surface. Yellow and green streamers of jasper running through the agate remind one of moss agate. Found mostly in float. Excellent for tumbling and cabs.

Green Opal. This material occurs in a vein. Much work has occurred here and the diggings are now beginning to undermine the road. The opal takes a good polish and makes up into attractive cabs and jewelry. Also suitable for tumbling.

Blue Agate. Very nice quality light blue agate occurring in vein. Hard digging is required to recover the material. This agate is quite hard and solid, and therefore is excellent for polishing.

Tools: Collecting bags, buckets, day pack, digging tools, rock pick, pry bar, chisels, sledges, eye protection, trowels, hat, sunglasses, sunscreen, sturdy shoes, layered clothing, towels, Drinking water, lunch or snacks.

Please let me know if you are going to go on the field trip, weather changes. If I don't know your going on the field trip, I won't be able to contact you if the field trip is canceled. Even if you might not go, still contact me for the information and maps. Don't wait until the day before.

NEW FOSSIL FIND IN CALIFORNIA DESERT by jzimmerman@pe.com

Published: 15 October 2012 09:54 AM

A solar energy company planning a development in eastern Riverside County has discovered a rare Mojave Desert treasure-trove of Ice Age fossils, including a clutch of desert tortoise eggs believed to be the first found in California. Paleontologists are buzzing about pieces of ivory from a mammoth tusk, the teeth of ancient horses and other indications of large vertebrate animals seldom found in California, they said. The first fossils of a sidewinder, desert horned lizard and desert kangaroo rat to be discovered in Riverside County also were located on the project site 13 miles southwest of Blythe, near the Arizona border.

It's quite a find, said Casey Weaver, an engineering geologist with the California Energy Commission, which oversees licensing of the project. It was very surprising, especially the number. We've never had a site that is so fossiliferous. The fossils were discovered as the developer, BrightSource Energy, prepared an environmental review for its application last year for the Rio Mesa solar complex. This week, the company submitted revised plans for how it will proceed with its project and extract what experts say is sure to be a valuable and informative cache of fossils underground.

Rio Mesa would have two solar plants on 4,000 acres. Each plant would have a 750-foot concrete tower surrounded by mirrors that focus the sun on a boiler to create steam and turn turbines. Together the facilities would generate about 500 megawatts of electricity, enough to serve 200,000 homes per year.

Most of the 800-plus fossils uncovered so far were fragments spread over eight miles on the Palo Verde Mesa, according to company documents submitted to the state.

On a scientific level only, the finds are exciting in that it had been thought that the last Ice Age sediments laid down in the Blythe region were terraces of the Colorado River, but we can now say that animals and plants later remodeled the upper layers of these terrace sediments into a soil, and that hundreds of animals left their remains in that fossil soil," said Joe Stewart, the project paleontologist from URS Corp.

The fossils were located in soil dating back about 14,000 years. Finding such treasures on the surface, where they had been subjected to the elements, means chances are good the fossils deeper down will be more intact and identifiable, said Eric Scott, curator of paleontology at the San Bernardino County Museum in Redlands, where the collection eventually will be curated.

Only a few paleontological records exist from the surrounding region, which makes this find noteworthy, he said. Scott was especially excited about the discovery of tortoise shell fragments and the pieces of eggs preserved inside a burrow. The tortoise shells are over the top. We have desert tortoise fossils from the Ice Age, but no shell fragments. That's really significant. If you're finding stuff that is that delicate and that rare and preserved in that good a condition, that supports arguments that other stuff down there will be really well preserved," Scott said.

CLIMATE CHANGE CLUES

Pieces of large vertebrates were dragged by rodents into their burrows, including fragments of deer antlers, a pronghorn and what is believed to be a bighorn sheep, according to BrightSource documents filed with the state. Also found were fossils of rabbits, rodents, a badger and a coyote.

The discovery has given paleontologists an updated understanding of the prehistoric environment in that area. When combined with information about fossils found at Diamond Valley Lake, Joshua Tree, the La Brea Tar Pits, Arizona and Las Vegas, it may help provide some clues about climate change, Scott said.

The Pleistocene, from 40,000 to 11,000 years ago, was a time of dramatically shifting climates and temperatures, and produced abundant fossils that are often well-preserved and easy to date, experts said.

During that era, the Colorado River Valley was free of ice, and the lowlands were well-watered and vegetated from freshwater lakes and rivers, Scott said.

An area with lots of horses, mammoths, bison and camels would tell scientists of an abundance of food. Correlating that information with climate change over time can show how animals adapted and how they might change in the future, he said.

We've moved past the idea of, Wow, this is a mammoth, isn't this cool. In order to understand how these animals were living and adapting to changing climate and conditions, you need not just a fossil, but samples of many different animals to tell you how the ecosystem worked, Scott said.

It's not known how deeply buried other Rio Mesa fossils might be, Scott said. Part of the site, which is owned by the Metropolitan Water District, was disturbed during World War II training exercises

FURTHER STUDY

In February, the Energy Commission asked BrightSource for additional excavation to determine where and how fossils are positioned beneath the surface, Weaver said.

BrightSource initially objected to the request because the work would cost the company time and money, according to documents. But this week, the company submitted a supplemental report laying out its plan for further study. The company will excavate 10 trenches about 10 feet deep and bore five deeper holes under supervision of a paleontologist. Concern stems from the pedestals for the project's mirrors. Driving the pylons into the ground will cause vibration that could damage any nearby fossils, the Energy Commission said. One of the conditions of certification will be training workers on what to do when they encounter fossils during excavation, the commission's Weaver said.

BrightSource spokeswoman Kristen Hunter said the discovery won't delay the project, which is expected to begin construction next year.

Paleontologist Stewart, of URS, said it is possible that the only fossils recovered will be "microvertebrates," pieces such as lizard, snake and tortoise eggshell parts found by screening sediment.

“It is important to note these fossils found on the Rio Mesa site are not big flashy fossils that one would expect to see on display. Rather they are small fragments of skeletal elements,” he said. “We might not even see any of these fossils until we sort the concentrate with a microscope.”

The fossils are being stored temporarily at the URS lab in Pasadena. Once they are at the museum, the identities will be confirmed, samples will be numbered and labeled and they will be added to a digital database for use by other researchers, Scott said.

A public workshop on the state’s preliminary staff assessment of the project will be held Oct. 29 in Sacramento. A second workshop in Blythe is planned for November, though an exact date has not been set. Information on the assessment and other documents are available online at www.energy.ca.gov/sitingcases/riomesa/documents/index.html.

STUFF FOR SALE...

NOTE: There’s a new Facebook group called "lapidary swap shop ", designed for people that have lapidary equipment, rocks, findings , fossils, gems, rough material, minerals, crystals or anything used in the lapidary trade that they don’t need and are willing to trade. Go to facebook and type in “lapidary swap shop”.

UPCOMING EVENTS:

Only club and Federation shows in California (CA) , & selected nearby shows in Oregon (OR), Nevada (NV) Washington State (WA) & Arizona (AZ) are listed, due to space limitations. For more information & other out-of-state listings, please go to: rockngem.com/showdates or cfmsinc.org PLEASE NOTE THAT COMMERCIAL (non-club) GEMSTONE/JEWELRY/BEADING SHOWS such as Gemfaire, Crystalfair, Martin Zinn Expositions, and others are generally not listed, since there are so many, BUT CAN BE FOUND AT THE ABOVE WEBSITES. Please confirm all show dates- Ed.

November 2012

2-4—BLACK CANYON CITY, ARIZONA: 36th annual show & sale; Braggin Rock & High Desert Helpers; High Desert Park; 19001 Jacie Ln.; Fri. 9-4, Sat. 9-4, Sun. 9-4; free admission; dealers, demonstrators, minerals, gemstones, jewelry, fossils, crystals, tools, equipment, books, lapidary supplies, gold panning, cabbing, beading, wire-wrapping, faceting, stone carving, gem setting, raffle, rock identification; contact Don Ingalls, PO Box 212, Black Canyon City, AZ 85324-0212, (623) 374-0202; e-mail: riverdiva@gmail.com

3—TUCSON, ARIZONA: 11th annual silent auction; Old Pueblo Lapidary Club; clubhouse; 3118 N. Dale; Sat. 9-2; free admission; contact Danny Hamsen, 8160 E. Broadway, Apt. 12, Tucson, AZ 85710, (520) 721-8452; e-mail: drrock2000@gmail.com; Web site: www.lapidaryclub.org

3-4—CONCORD, CALIFORNIA: Annual show; Contra Costa Mineral & Gem Society; Centre Concord; 5298 Clayton Rd., near Ygnacio Valley Rd.; Sat. 10-5, Sun. 10-5; adults \$5, children (under 16) free with adult; 24 dealers, 26 demonstrators, 60 exhibits, fluorescent room, minerals, gems, jewelry, fossils, crystals, tools, equipment, books, lapidary supplies, gold panning, cabbing, beading, wire-wrapping, faceting, stone carving, gem setting, youth and Scout activities, silent auction, prizes, raffle, rock identification; contact Harry Nichandros, PO Box 4667, Walnut Creek, CA 94596, (925) 289-0454; e-mail: show-rg@ccmgs.org; Web site: ccmgs.org

3-4—LANCASTER, CALIFORNIA: Annual show; Palmdale Gem & Mineral Club; Antelope Valley Fairgrounds; 2551 W. Ave. H; Sat. 10-5, Sun. 10-4; free admission; dealers, displays, Dino Show; contact Cheri George, PO Box 900279, Palmdale, CA 93590, (562) 243-8470; e-mail: pgmc@antelcom.net; Web site: www.palmdalegemandmineral.com

3-4—SAN DIEGO, CALIFORNIA: Annual show; San Diego Mineral & Gem Society; Al Bahr Shrine; 5440 Kearny Mesa Rd.; Sat. 9:30-5, Sun. 10-4; free admission; free gem identification, more than 12, more than 40 exhibits, demonstrators, faceting, lost wax casting, silver chain making, sphere making, wire wrapping, Junior’s booth, club sales, slabs, books, magazines, door prizes, field trip information; contact Bob Hancock, (619) 889-6886; e-mail: rhbobhancock@cs.com; Web site: www.sdmg.org

10-11—LAKE HAVASU CITY, ARIZONA: 43rd annual show and sale, ; Lake Havasu Gem & Mineral Society; Aquatic Center; 100 Park Ave.; Sat. 9-5, Sun. 9-4; free admission; displays, minerals, fossils, handcrafted jewelry and gemstones, jewelry crafting demonstrations, dealers, hobby supplies, finished jewelry, Christmas decorations; contact Harry Kilb, 3411 Tomahawk Dr., Lake Havasu City, AZ 86406, (928) 855-1630; e-mail: hmkilb@frontier.com; Web site: www.lakehavasugms.org

10-11—SACRAMENTO, CALIFORNIA: 76th annual show; Sacramento Mineral Society; Scottish Rite Temple; 6151 H St.; Sat. 10-5, Sun. 10-4; adults \$5, children (12 and under) free; crystals, fossils, beads, gemstones, meteorites, jade, gold, prize drawings, auctions, demonstrations, exhibits, kids' area, \$1-off coupon on Web site; contact Stanley

Henneman, (916) 363-5011; e-mail: lakota27@sbcglobal.net; Web site: www.sacramentomineralsociety.org
17-18—LIVERMORE, CALIFORNIA: Annual show; Livermore Valley Lithophiles; The 'BARN'; 3131 Pacific Ave.; Sat. 10-5, Sun. 10-4; adults \$5, children (12 and under) free; contact William Beiriger, PO Box 626, Livermore, CA 94551-0626, (925) 443-5769; e-mail: info@lithophiles.com; Web site: www.lithophiles.com
24-25—MONTEREY, CALIFORNIA: Annual show; Gem Faire Inc.; Monterey County Fairgrounds; 2004 Fairground Rd.; Sat. 10-6, Sun. 10-5; free admission; jewelry, gems, beads, crystals, silver, rocks, minerals, exhibitors, on-site jewelry repair; contact Yooy Nelson, (503) 252-8300; e-mail: info@gemfaire.com; Web site: www.gemfaire.com

December 2012

7-9—SAN BERNARDINO, CALIFORNIA: Tailgate Sale; OrangeBelt Gem & Mineral Society; Western Regional Little League Ball Park; 6707 Little League Dr.; Fri. 9-dusk, Sat. 9-dusk, Sun. 9-dusk; free admission; rocks, gems, minerals, jewelry, crafts, tools, rough, slabs, carvings, books, beads, fossils; contact Ken Gard, 205 W. Benedict #8, San Bernardino, CA 92408, (909) 624-1782; e-mail: kengard@roadrunner.com; Web site: OBMSRocks.yolasite.com

January 2013

1-31—QUARTZSITE, ARIZONA: Wholesale and retail show; Desert Gardens RV Park; Desert Gardens RV Park; 1055 Kuehn St.; Mon. 9-dusk, Sun. 9-dusk; free admission; crystals, minerals, rough, polished, jewelry, lapidary equipment; contact Sharon (manager), 1055 Kuehn St., Quartzsite, AZ 85346-2818, (928) 927-6361; e-mail: info@desertgardensrvpark.net; Web site: www.desertgardensrvpark.net

4-6—MESA, ARIZONA: 41st annual show; Flagg Mineral Foundation; Mesa Community College; SW parking lot, US 60 and Dobson; Fri. 9-5, Sat. 9-5, Sun. 9-5; free admission; Peralta Stone maps exhibit, fluorescent display, free children's activities, free samples for children and teachers, more than 100 dealers, crystals, minerals, fossils, club and museum booths; contact Lavone Archer, (480) 969-0483; e-mail: elabaso14@cox.net; Web site: www.flaggshow.info

January 2013-February 2013

31-17—TUCSON, ARIZONA: Wholesale and retail show; Eons Expos LLLP; large tent; 22nd St. at Interstate 10; Daily 9-6; free admission; 180 dealers, minerals, fossils, articulated dinosaurs, meteorites, petrified wood, amber, gems, jewelry; contact Christine Perner, (516) 818-1228; e-mail: lowellcarhart@yahoo.com; Web site: www.22ndStreetShow.com

February 2013

1-28—QUARTZSITE, ARIZONA: Wholesale and retail show; Desert Gardens RV Park; Desert Gardens RV Park; 1055 Kuehn St.; Mon. 9-6, Sun. 9-6; free admission; crystals, minerals, rough, polished, jewelry, lapidary equipment; contact Sharon (manager), 1055 Kuehn St., Quartzsite, AZ 85346-2818, (928) 927-6361; e-mail: info@desertgardensrvpark.net; Web site: www.desertgardensrvpark.net

2-17—TUCSON, ARIZONA: Wholesale and retail show; The Rock Show; Kino Sports Complex; 2500 E. Ajo Way; Daily 9:30-5:30; free admission; minerals, jewelry, cabs, slabs, beads, lapidary equipment, rough rock, crystals; contact Trym Gibbons, PO Box 246, Cortaro, AZ 85652, (800) 983-0133; e-mail: rockshowtucson@gmail.com

8-10—PORTLAND, OREGON: Annual show; Oregon Agate & Mineral Society; Oregon Museum of Science & Industry; 1945 SE Water Ave.; Fri. 9:30-5:30, Sat. 9:30-5:30, Sun. 9:30-5:30; free admission; contact Craig Prier, (503) 984-7004; e-mail: oamsrockhound@live.com; Web site: www.oregonagate.org

15-17—LINCOLN CITY, OREGON: Annual show; North Lincoln Agate Society; Lincoln City Cultural Center; 540 U.S. 101; Fri. 5-8, Sat. 10-6, Sun. 10-5; free admission; contact Laura Joki, Rock Your World LLC, 1423 N.W. Hwy. 101, Lincoln City, OR 97367, (541) 351-8423; e-mail: ljoki@rockyourworldgems.com

15-24—INDIO, CALIFORNIA: Annual show; San Geronio Mineral & Gem Society; Riverside County Fairgrounds; 46-350 Arabia St., Gem & Mineral Bldg. 1; Daily 10-10; adults \$8, seniors \$7, students \$6, children (under 5) free; contact Bert Grisham, 1029 N. 8th St., Banning, CA 92220, (951) 849-1674; e-mail: bert67@verizon.net

16-17—ANTIOCH, CALIFORNIA: Annual show; Antioch Lapidary Club; CCC Fairgrounds; 1201 W. 10th St.; Sat. 10-5, Sun. 10-5; adults \$4, children (12 and under), Scouts in uniform, and active military with I.D. free; jewelry, gems, findings, supplies, auction, grab bags, exhibits, hands-on projects for kids; contact Brenda Miguel, (925) 301-6957; e-mail: brenda.miguel@yahoo.com; Web site: www.antiochlapidaryclub.com

16-17—LINCOLN CITY, OREGON: Annual show; North Lincoln Agate Society; Lincoln City Cultural Center; 540 NE Hwy. 101; Sat. 10-4, Sun. 10-4; free admission; free rocks for kids; contact Laura Joki, (541) 351-8423; e-mail: laura@rockyourworldgems.com

16-17—MESA, ARIZONA: 47th annual show; Apache Junction Rock & Gem Club; Skyline High School; 845 S. Crismon Rd.; Sat. 9-5, Sun. 10-4; adults \$3, students with ID \$1, children (12 and under) free; dealers, jewelry, gems, cabs, beads, rocks, specimens, slabs, fossils, lapidary equipment and supplies, hourly door prizes, silent auction, grand raffle, gem tree-making activity, Wheel of Rocks; contact Kelly Iverson, (480) 325-2705; www.ajrockclub.com

More Events-

THE SANTA CRUZ CLUB IS HAVING A NEW SMALL SHOW ON NOVEMBER 10 AND 11TH AT OUR CLUB MEETING LOCATION IN THE LIVE OAK GRANGE.

WINTER ROCKIN' SHOW : 2012 SANTA CRUZ WINTER MINERAL, FOSSIL, JEWELRY SALE NOVEMBER 10 - 11 2012, 10 am - 5 pm FREE ADMISSION, LIVE OAK GRANGE HALL 1900 17TH AVENUE, SANTA CRUZ Come prepared for winter holidays with the Santa Cruz Mineral and Gem Society- Kids' activities: Treasure wheel, Rock painting, and more. Vendors with Minerals, Fossils, Rocks, Jewelry, Gems, Tools Books and more www.scmgs.org Looking forward to seeing you there, Julia Cornblatt, Chairman

GEOLOGY OF WINES TOURS

TOPS A Rock Shop, located in San Juan Bautista just a couple hundred feet from the San Andreas fault, has launched a new FUN tour, the Geology of Wines Tour. Fossil Phil (Stoffer, Ph.D.), retired USGS Geologist, hosts a bus tour of the faults in San Benito County stopping at various award winning wineries where you can either taste the Fruits of the Fault or go for a walking tour with Phil.

These tours are scheduled once a month or if you have a group of at least 16 we can schedule a custom tour tailored to your interests and knowledge level.

Jan McClintock, TOPS A Rock Shop jan@topsarockshop.com 831-207-7111

----- CUT HERE -----

CAMP ZZYZX: THE CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES, INC.

DEDICATED TO THE ADVANCEMENT AND ENJOYMENT OF THE EARTH SCIENCES

We invite you to join us at the Earth Science Seminar to be held at Soda Springs (ZZYZX) located approximately 50 miles northeast of Barstow, CA, OFF Hwy I-15 at Zzyzx Rd. Facilities are rustic, dormitory style rooms with bed, mattress, and desk. Cleaning is the occupant's responsibility. You must bring bed linen or sleeping bag and any creature comforts you may desire, i.e. lamp, throw rug, ice chest. RV PARKING is approximately 1/4 mile from the center and has no facilities of any kind. All restrooms and showers are located in separate building at the center and are communal. The Earth Science Committee retains the right to accept or deny applications as they deem appropriate. This area is designated by the Government as a Desert Studies Center, consequently, NO PETS ARE ALLOWED. A limited number of reservations are available and early application is recommended. Subject to change, these classes will be offered.

LAPIDARY, BEADING, PRECIOUS METAL CLAY, SILVER FABRICATION, WIRE ART, ALTERNATIVE CASTING, SOFT STONE CARVING, SCRIMSHAW, FACETING, FIELD TRIPS AND KNAPPING.

The fee for the week is \$375.00 per person and includes room or RV space, three meals per day, and classes. Additional charges may be assessed for material furnished by instructors.

--- IF YOU USE YOUR R.V. YOU CAN SAVE \$50.00 PER PERSON ---

NO CANCELLATIONS AFTER MARCH 1, 2013 unless a replacement is provided. A \$25.00 Administration fee will be assessed for cancellations made prior to March 1, 2013.

Please complete the Registration Form below and mail it with full payment, payable to C.F.M.S.

FOR INFORMATION ONLY CONTACT: MAIL APPLICATION TO:

MARION ROBERTS AUDREY HARVEY

(209) 538-0197 3363 Tuxford Place

email: mvroberts@bigvalley.net Thousand Oaks, CA 91360

(805) 492-2253

CAMP ZZYZX REGISTRATION CAMP DATE: MARCH 31 to APRIL 7, 2013

REGISTRATION FORM DEADLINE MARCH 1, 2013

Applications received after this date will be placed on a standby list and considered only when a vacancy exists.

Please use block printing:

Mr. Mrs. Ms _____

Mr. Mrs. Ms _____

Street _____ City _____ State _____ Zip _____

Phone _____ email _____

ROOM ASSIGNMENT FOR SINGLE APPLICANTS ONLY. R.V. _____ DORM _____

ROOM REQUESTS FOR MEDICAL OR PHYSICAL REASONS; PLEASE DESCRIBE _____

SPECIAL DIETARY NEEDS: DIABETIC _____ OTHER (explain) _____

ALL CLASSES OF YOUR CHOICE ARE AVAILABLE AS SPACE IS AVAILABLE.