

President  
Sarah Hawklyn  
[shawklyn@yahoo.com](mailto:shawklyn@yahoo.com)

Vice President  
Mike Humenik

Treasurer  
Donna Gafforio  
[Turtles44@aol.com](mailto:Turtles44@aol.com)

Secretary  
Robin Davison  
[rpdavison@cruzio.com](mailto:rpdavison@cruzio.com)

Directors  
Julia Cornblatt  
Lyle Jenks  
Stuart Scally

Federation Director  
Dean Welder  
[wdeanwelder@yahoo.com](mailto:wdeanwelder@yahoo.com)

2011 Show Chairman  
Sarah Hawklyn  
[shawklyn@yahoo.com](mailto:shawklyn@yahoo.com)

Field Trip Chairman  
Karen & Dean Welder  
[wdeanwelder@yahoo.com](mailto:wdeanwelder@yahoo.com)

Membership & Sunshine  
Louis and Pat Schuesler

Program Chairpersons  
Robin Davison & Julia Cornblatt  
[rpdavison@cruzio.com](mailto:rpdavison@cruzio.com)

Shop Stewards  
Mike Humenik  
Sarah Hawklyn

Assistant Shop Stewards  
Lyle Jenks  
Kim Kogurt  
Toby Wingo

Historian  
John Hawklyn  
[jhawklyn@yahoo.com](mailto:jhawklyn@yahoo.com)

Librarians  
Mike Humenik & Toby Wingo  
[baerie@riseup.net](mailto:baerie@riseup.net)

Refreshments  
Julia Cornblatt & Robin Davison  
[juliacornblatt@gmail.com](mailto:juliacornblatt@gmail.com)

Lapidarian Editor  
Michael Cox  
[lapidarian.scmgs@gmail.com](mailto:lapidarian.scmgs@gmail.com)

# LAPIDARIAN



## DECEMBER 2011

Santa Cruz Mineral and Gem Society, P.O. Box 343, Santa Cruz, CA 95061  
The Society meets the 2<sup>nd</sup> Wednesday of the month, 7:00 PM at:  
THE LIVE OAK GRANGE HALL  
1900 17<sup>TH</sup> Avenue, Santa Cruz, CA 95062  
**VISITORS ARE WELCOME!**

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## Next Meeting:

### CHRISTMAS PARTY!!!

December 14, 2011, 7:00 PM, Live Oak Grange Hall, 1900 17<sup>th</sup> Ave, Santa Cruz, CA. Potluck dinner with main dishes of beef, ham, and turkey supplied by members that signed up at the November meeting. Please bring a Christmas potluck dish and wow your Club. We will use the Grange utensils this year. Toby and Nancy Stinnett volunteered to do the dishes (huge applause!) They said there is no need for others to help them (standing ovation!) Those bringing food and helping with decorating, please be at the Grange by 6:30 pm to set up.



**Please attend and make this the greatest Christmas party ever!!**

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## Dues, Dues, Dues:



If you did not already pay, a friendly reminder that dues are now overdue. Please mail \$20 for an individual membership or \$25 for a family membership to SCMGS, c/o Louis F. Schuesler, 17151 Mountain Charley Road, Los Gatos, CA 95033. Please make checks payable to the Santa Cruz Mineral and Gem Society. Please provide the current name, address, phone number(s), and e-mail (if any) for each member, as well as whether they are interested in minerals, fluorescents, lapidary, or other subjects. You may also pay at the December meeting. Dues are collected once a year, in November.

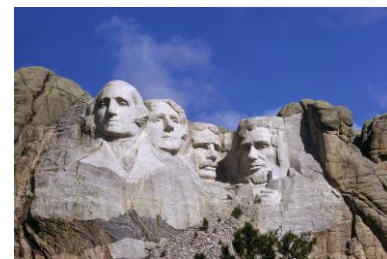
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## Message from the President:

Dear Fellow Rockhounds,

*From the Editor:* December is a busy time, and time for reflecting. Our President is deep in thought about the Society and its continued success. Come to the party on the 14<sup>th</sup> and hear first-hand the good things planned for 2012.

P.S. The lapidary shop is open on Saturday mornings from 9 am to noon. It is located in the basement of the Senior Citizens Center at 222 Market Street in Santa Cruz. There is a small charge of \$5 to use the shop. If you're new to the shop you'll need to attend the Intro to Lapidary class offered at the shop bi-monthly.



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## Message from the Editor:

Hello friendly, gracious, and helpful members and readers!

Ho ho ho, away we go! Another year is coming to a close and another yet to come. I'd LOVE to receive a few articles from members. Brinton has been steadily contributing every month for years! He deserves a rock star award and a round of applause! Won't you considering sharing as well?

You may e-mail the newsletter at <[lapidarian.scmgs@gmail.com](mailto:lapidarian.scmgs@gmail.com)> or write to PO Box 786, Soquel, CA 95073-0786. Letters c/o of the Society will also reach me, but direct mail is fastest. My personal e-mail is: <[mercury\\_miner@netzero.net](mailto:mercury_miner@netzero.net)>. Volunteers are also needed to track and summarize developments at the state and national society levels.



All my best, Michael Cox

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## New Members:

Louis Schuesler reports no new members joined since the last newsletter was published. Sigh



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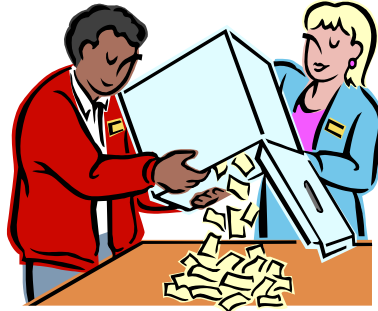
## Past SCMGS Membership Meeting:

Minutes from Secretary Robin Davison

General Meeting of November 9, 2011. Call to order at 7:15 pm by Sarah Hawklyn, President. In attendance: Robin Davison, Secretary. Absent: Mike Humenik, Vice President (travelling) and Donna Gafforio, Treasurer. Sarah Hawklyn welcomed everyone. The November meeting is Elections night for the Club.

### GENERAL ELECTION RESULTS:

Advertising Chair (new chair created by Sarah Hawklyn as President): Robin Davison  
CFMS: Dean Welder  
Director: Randy Holland  
Field Trips: Dean and Karen Welder  
Library: Toby Wingo  
Membership: Louis Schuesler  
President: Sarah Hawklyn  
Secretary: Michael Cox  
Shop: Mike Humenik  
Snack: Pat Schuesler  
Treasurer: Greg Melendy  
Vice President: Karen Welder



### CHAIR REPORTS

Secretary: Robin Davison presented the minutes from the last meeting for approval. The motion was seconded and approved.

Treasurer: Donna Gafforio was not present but Karen Welder reported that the Civic Center check cleared.

CFMS: Dean Welder is presenting awards at the fall CFMS meeting.

Field Trips: Karen and Dean Welder mentioned the Thanksgiving weekend field trip, detailed in the November *Lapidarian*.

Historian: John Hawklyn was not present.

Library: Toby Wingo opened the library.

Membership: Louis Schuesler reported 25 people attending. Club dues are due; \$20 for individual members and \$25 for a family membership (*editor's note: what a deal!*). The dues pay for insurance and are assessed by number of Club members.

Newsletter: Michael Cox had no news (but encourages all to submit articles for the *Lapidarian*.)

Old Business and For the Good of the Club: Sarah Hawklyn brought the slab grabber tool that she bought at Snyder's Pow Wow. It will work like a jig saw and cut slabs in a variety of shapes.

Program: The fabulous Phil Stoffer, "Dr. Phil," gave a 3-D slide show on caves and their formation. The program was fabulous, one of the best! December will have no program; it is the annual Christmas Potluck.

Rock Star: The November Rock Star is Scott Hawklyn, who has given much to the Club and has run the Raffle. Scott will be applying to universities in Scotland, particularly University of Edinburgh.

Shop: Mike Humenik is travelling.

Show: The show was discussed at a Board meeting held on November 21, 2011. More information will be forthcoming.

Snacks: Toby Wingo provided homemade pumpkin soup and garlic bread. There were the usual cookies and coffee. December 14 is the Christmas potluck dinner. Everyone think what you would like most to share with the Club and bring some interesting Christmas dinner food. Two people volunteered to bring chicken or turkey, and a third person is bringing a slow-cooked roast of grass-fed beef.

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## Past SCMGS Board Meeting:

The Board met on Monday, November 21, 2011 to discuss the April show. The Board discussed what worked well and did not work well with respect to the last show. The show date is set for the last weekend in April. Robin Davison volunteered to place three big banners on Ocean St for two months. The Board approved the recommendation. The next Show meeting will be about assigning jobs and doing tasks and planning. The Board reviewed the financial results from the show in 2011. For those interested in helping improve the financial results, Karen Welder has a copy of the 2011 numbers.

**LET'S ALL PITCH IN TO MAKE THE 2012 SHOW THE BEST EVENT EVER!**

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## News from the American Federation of Mineral Societies:

Visit the AFMS Web site at URL: <[www.amfed.org](http://www.amfed.org)> for the Federation's newsletter. Dean Welder is the SCMGS member that links SCMGS up to the California Federation, and, in turn, the American Federation. Please contact Dean if you want to communicate or participate at the Federation level. Items on the Web site updated in October (besides the newsletter) and happening in the next several months include the following, in no particular order of importance:

1. The **December-January newsletter** is available on-line. Download a copy at URL: <[www.amfed.org/news/n2011\\_11.pdf](http://www.amfed.org/news/n2011_11.pdf)>.
2. **Program Competition:** affiliated clubs are encouraged to enter their best program by April 15, 2012. Categories for entry are: 1) educational; 2) field collecting; 3) how to do it; and, 4) just for juniors. An entry form is available on the AFMS Web site, or contact Marge Collins, 3017 Niles-Buchanan Road, Buchanan MI 49107; e-mail: <[Margaret@qtm.net](mailto:Margaret@qtm.net)>.
3. **Endowment Drawing Donations Needed** by April 2012 for the July 2012 prize drawing at the AFMS/MWF Convention in Minnesota. If you have something you'd like to part with in support of the national organization, please contact Pam Hecht, 25393 Oak Street, Calumet, MI 49913; e-mail: <[steverox@up.net](mailto:steverox@up.net)>.
4. **Junior Activities:** Don't forget to recognize the young members of your club or society during your December activities.
5. **AFMS Web Site Contest:** See CFMS section in this newsletter.
6. **Club Rockhound of the Year** went to Charlie and Barbara Brown of the Sutter Buttes Gem and Mineral Society, a member society of the CFMS. The Browns were recognized for their many contributions since 1998.
7. **Judges Training** will be Thursday, May 10, 2012 through Sunday, May 13, 2012, at the Holiday Inn, 55 East Nugget Ave., Sparks, Nevada. The training is open to CFMS member societies. The cost is \$20 per person, plus each individual has to arrange for their own lodging and transportation. The training is designed to bring consistency to displays and display judging across the country. The deadline for registration is April 16, 2012.
8. **Micromounters Hall of Fame** inducted three former AFMS Presidents- Paul Seel (1971), Fred Schaefermeyer (1995), and Jim Hurlbut (1993). The inductees are honored for significant contributions to the advancement of micromounting.

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## News from the California Federation of Mineralogical Societies:

Visit the CFMS Web site at URL: <[www.cfmsinc.org/](http://www.cfmsinc.org/)> for the Federation's newsletter. Dean Welder is the SCMGs member that links us up to the California Federation, and, in turn, the American Federation. Please contact Dean if you want to communicate or participate at the California level. Some items that might interest society members are:

1. **All American Award**- Dot Beachler is the Chair of the All American Award for the California Federation, and the CFMS deadline for submittals for the regional award is February 28, 2012. The guidelines and application for the Award are on-line at URL: <<http://www.cfmsinc.org/forms10/AllAmClub/2012AllAmericanYearbookApp.pdf>>. The CFMS then sends the regional winner up to the national level by April 15, 2011.
2. **The Web Site Contest** is off and running. Applications are sent to Merryan O'Neil, e-mail: <[mvoneill@comcast.net](mailto:mvoneill@comcast.net)>. Applications are due January 15, 2012. See the CFMS Web site for more information : <<http://www.cfmsinc.org/forms10/forms.htm>>.
3. **The AFMS Endowment Fund** raffle for the 2012 show on July 26-29 in Minnetonka, Minnesota is up and running. The AFMS Chair, Pam Hecht, wants to hear from all CFMS members interested in donating items for the raffle. Send your items to Pam Hecht, 25393 Oak Street, Calumet, MI 49913; e-mail: <[steverox@up.net](mailto:steverox@up.net)>.
4. **The Juniors Activities** program leader, Jim Brace-Thompson, reminds us all to honor and recognize the junior members of our society. Junior members are the future of our Society and should receive a large share of our attention.
5. **Mike Kokinos, Tax Advisor** reminds member clubs and societies to be sure to file their IRS Form 990N each and every year or risk losing their tax exempt status. Equally important is filing form 199N with the California Franchise Tax Board. E-filing is available if gross receipts are less than \$25,000.
6. If you'd like to attend the **AFMS Regional Judges Seminar in Reno, Nevada, May 10-13**, please contact Dee Holland of the CFMS, at e-mail: <[beauholland@centurytel.net](mailto:beauholland@centurytel.net)>. An application for the even can be found on-line in the CFMS newsletter for December 2011, at URL: <<http://www.cfmsinc.org/newsletter/news2011/012dec11/newsdec11.pdf>>.
7. The 2012 CFMS Bulletin Contest is now open. Lead by Cyndy Mandell, the new Bulletin Aids Chair, the contest is open to all newsletter editors of CFMS member societies. Not only may the editor submit the bulletins for their club from May and any other month of their choice, but they can also submit articles written by club members. (*Editor's note: how about some member articles in 2012, in addition to the great articles consistently contributed by our own Brinton Brown? I'd love to submit a member article for recognition!*)

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## News Releases from the United States Geological Survey

Contact Information: U.S. Department of the Interior, U.S. Geological Survey, Office of Communications and Publishing, 12201 Sunrise Valley Dr., MS 119, Reston, VA 20192.

### ***San Andreas Fault Mysteries Begin to Unravel***

Released: 12/1/2011, 10:04:24 am. Contact: Heidi Koontz, Phone: 303-202-4763. The full article may be read on-line at URL: <<http://www.nature.com/nature/journal/v480/n7375/full/nature10609.html>>.

Differences in seismic activity along the San Andreas fault appear to be related to strength variations in the lower crust and upper mantle, as suggested by new findings in the Dec. 1 edition of Nature.

U.S. Geological Survey scientist Paul Bedrosian, along with colleagues Michael Becken, Oliver Ritter, and Ute Weckmann from the GFZ German Research Centre for Geosciences, Potsdam, Germany, used an electromagnetic geophysical method to image subsurface conductivity within the crust.

"Segmentation of the San Andreas fault was first identified more than 40 years ago based on distinct patterns of seismicity. This work links mantle fluids, possibly resulting from ancient subduction along the California coast, and their interaction with the crust, as the driver behind the observed differences. This is really exciting as it illustrates how past structure and tectonics effects present-day dynamics along the San Andreas fault," said Bedrosian.

Fluid influx is implicated as a driving force behind the processes that ultimately define seismic segmentation. The findings may help to explain why motion along the fault results in earthquakes on some segments and less harmful creep on others.

"Decades ago USGS researchers explored the strong dependence of water on the strength of the rocks in the deep crust and upper mantle, with the firm conviction that this effect would be key to understanding fault mechanics," said USGS Director Marcia McNutt. "Now finally with new technology available to map the in situ distribution of water at depths inaccessible to geologic observation, we have an excellent example of how an investment in basic research will pay off in a very practical understanding of a long-standing mystery that affects lives and property."

### ***Spate of Large Earthquakes Not Related***

Released: 11/7/2011, 4:00:00 pm. Contact: Andrew Michael, Phone: (650) 329-4777, Paul Laustsen, Phone: (650) 329-4046.

The magnitude-7.2 earthquake on October 23rd in Turkey and the magnitude-9.0 quake that impacted Japan in March are leading many to wonder if these events are part of a larger global trend toward giant earthquakes. After combing through 110 years' worth of global seismic records, USGS seismologist Dr. Andrew Michael concluded that the recent increase in the number of large earthquakes may just reflect random occurrence.

Using three distinct statistical tests, Dr. Michael studied whether variations in the number of large, global earthquakes could be explained as a random fluctuation, once local aftershocks of the large earthquakes are taken into account. In a recently published paper, he explains how he tested whether the intervals between earthquakes have followed a clustering pattern that would be suggestive of quakes related to each other. He then developed a specific earthquake-triggering statistical model to determine if global seismicity increased after the largest earthquakes, examining the effect of the largest earthquakes on smaller ones. Finally, he tested for clustering in the energy released by earthquakes.

In each test, he found that the apparent clustering among large earthquakes can be described as a random fluctuation and cannot be used to predict future events.

The paper "Random variability explains apparent global clustering of large earthquakes" appears in *Geophysical Research Letters*, a publication of the American Geophysical Union, and is available upon request.

### ***Historical Maps Now Covering 36 States***

Released: 11/7/2011, 10:06:36 am. Contact: Greg Allord, Phone: 608-204-0082 x250, Mark Newell, Phone: 573-308-3850

The release of more than 13,688 historical topographic maps covering California highlights the rapid pace of the U.S. Geological Survey (USGS) Historical Topographic Map Collection, URL:

<<http://nationalmap.gov/historical/>>.

Nearly 124,000 high resolution scans of the more than 200,000 historical USGS topographic maps, some dating as far back as 1884, are now available online. The Historical Topographic Map Collection includes published U.S. maps of all scales and editions, and are offered as a georeferenced digital download or as a scanned print from the USGS Store.

"These maps harken back to California's past, when its awesome topography could make a simple trip for staples a day-long journey in a horse-drawn buckboard," said USGS director Marcia McNutt. "The uses of these maps for scientists, historians, educators, and even by those who simply want to be reminded of a time when life moved a little slower, are limited only by our imagination."

The historical collection contains high resolution scanned images from the USGS legacy series and other sources and was made public mid-September, 2011. Historical maps are offered to the public at no cost in GeoPDF format or as a printed copy for \$15 plus a \$5 handling charge from the USGS Store and can be used in conjunction with the new USGS digital topographic map, the US Topo. Check the Website for continuous updates.

The project is part of the USGS National Geospatial Program (NGP) continuing efforts to support the mapping and location-based data needs of the Nation.

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## Word of the Month



**Trachyte**, from the Dictionary of Mining, Mineral, and Related Terms, U.S. Bureau of Mines, 2<sup>nd</sup> Edition, 1996: "A group of fine-grained, generally porphyritic, extrusive rocks having alkali feldspar and minor mafic minerals (biotite, hornblende, or pyroxene) as the main components, and possibly a small amount of sodic plagioclase; also, any member of that group; the extrusive equivalent of syenite. Trachyte grades into latite as the alkali feldspar content decreases, and into rhyolite with an increase in quartz. Etymol: Greek trachys, rough, in reference to the fact that rocks of this group are commonly rough to the touch. AGP" (Photo from University of New Zealand, URL: <[http://flexiblelearning.auckland.ac.nz/rocks\\_minerals/rocks/trachyte.html](http://flexiblelearning.auckland.ac.nz/rocks_minerals/rocks/trachyte.html)>).

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## ARTICLES

### *From the California State Library – State Song*

History and Culture - State Symbols. URL: <<http://www.library.ca.gov/history/symbols.html>>

California's official state song is "I Love You, California", written by F.B. Silverwood, a Los Angeles merchant. The words were subsequently put to music by Alfred Frankenstein, a former conductor for the Los Angeles Symphony Orchestra. It was the official song of expositions held in San Francisco and San Diego in 1915, and was played aboard the first ship to go through the Panama Canal. In 1951, the State Legislature passed a resolution designating it as California's state song. During the years following, several attempts were made to make other songs such as "California, Here I Come" the official state song. Finally, in 1988, "I Love You, California" became the official state song by law.

I love you, California; you're the greatest state of all.  
I love you in the winter, summer, spring, and in the fall.  
I love your fertile valleys; your dear mountains I adore.  
I love your grand old ocean and I love her rugged shore.

#### Chorus

Where the snow crowned Golden Sierras  
Keep their watch o'er the valleys bloom,  
It is there I would be in our land by the sea,  
Every breeze bearing rich perfume.  
It is here nature gives of her rarest. It is Home Sweet Home to me,  
And I know when I die I shall breathe my last sigh  
For my sunny California.

I love your red-wood forests - love your fields of yellow grain.  
I love your summer breezes and I love your winter rain.  
I love you, land of flowers; land of honey, fruit and wine.  
I love you, California; you have won this heart of mine.



I love your old gray Missions - love your vineyards stretching far.  
I love you, California, with your Golden Gate ajar.  
I love your purple sunsets, love your skies of azure blue.  
I love you, California; I just can't help loving you.

I love you, Catalina, you are very dear to me.  
I love you, Tamalpais, and I love Yosemite.  
I love you, Land of Sunshine, Half your beauties are untold.  
I loved you in my childhood, and I'll love you when I'm old.



## Field Trips ----- FIELD TRIPS ----- Field Trips!!

### *North Bay Field Trips*



OK, here is a roundup of sponsored trips. Contact the fieldtrip chairs, Karen & Dean Welder, for information on all upcoming field trips. Also, for those that are members of the Yahoo Group for the NBFT, new postings include the fall meeting minutes and the financial policy, available at URL: <<http://groups.yahoo.com/group/nbft/>>.

### **A "CO-OP MEMBER" FIELD TRIP TO "STORIES IN STONE" ANGELS CAMP, CA- Thursday, January 12, 2012**

This trip is open to all rockhounds who agree to abide by the AFMS Code of Ethics, the directions of the field trip leader and practice safe rockhounding. Call the field trip leader beforehand to sign up and for further information. Remember to wear your name badge and sign in with the field trip leader. A Consent and Assumption of Risk Waiver of Liability form must be signed upon arrival at meeting site.

TRIP LOCATION: "Stories in Stone" store, in Angels Camp, California

SPONSOR CLUB: Stockton Lapidary & Mineral Society

MEMBER'S GUESTS: Allowed

COLLECTION MATERIAL: none-informational lecture

LEADER & CONTACT INFO: Wayne Meissner, (209) 858-2263; 985-8702 cell, [footsey1@yahoo.com](mailto:footsey1@yahoo.com)

PROPOSED SCHEDULE: arrive 9:30ish, presentation starts 10:00. Seating is limited to 50 individuals and the lecture should last about an hour with extra time to ask questions. This is a bona fide Rock Shop with all kinds of material for sale. Russ Shoemaker is very knowledgeable and explains the various kinds of rock in a way that anyone can understand.

MEET: 1249 Main Street, (Hwy. 49) Angels Camp, CA - "Stories in Stones" store.

DIRECTIONS TO STORE: take Highway 49 to Angels Camp.

VEHICLE REQ'S: any type of vehicle OK.

TOOLS: notebook, writing material, money (this place has all manner of neat stuff at decent prices)

SAFETY CONCERNS: none

CLIMATE/WEATHER: will have regardless of weather

CLOTHING: may be cool inside, bring heavy shirt, sweater

OTHER REMARKS: there is seating for 50 in a private room in the rear of building. Further information can be found on the Stories in Stones Website. As you head for home, you may consider stopping at the Ironstone Winery in Murphys to view a very large nugget of gold.

### *Rockhound Field Trip Fanatics*

#### **New Year's Eve Panoche Hills "Big Pile" & Madera Chiastolite Diggings Field Trip**

Saturday, December 31, 2011, from 9am to 5pm

Location: The Big Pile site, Panoche Hills and Chialstolite diggings, Nee's/I-5 offramp, Paul Negra Road, Fresno County, West of Firebaugh

Website: < <http://rockhound-field-trips.ning.com/events/panoche-hills-field-trip>>

Organized By: Kris W. Rowe

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## Birthstones and Flowers

The birthstones for December are blue topaz, turquoise, zircon, tanzanite (modern) or bloodstone and rubies (traditional). The traditional flower is Narcissus, for respect, modesty, and faithfulness.



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## Gem and Mineral Shows!!

Below is a roundup of upcoming California shows sponsored by other gem and mineral organizations. The commercial Gem Faire, Inc. events are not included. You can find them at URL: < [www.gemfaire.com](http://www.gemfaire.com)>.

### *JANUARY 2012*

January 1-31: **QUARTZSITE, ARIZONA:** Wholesale and retail show; Desert Gardens RV Park; 1055 Kuehn St.; I-10 Exit 17; Sun. 9-6 daily; free admission; crystals, minerals, rough, polished, jewelry, lapidary equipment; contact Sharon or Sandy, 1055 Kuehn St., Quartzsite, AZ 85346, (928) 927-6361; e-mail: <[dggemshow@ureach.com](mailto:dggemshow@ureach.com)>; Web site: <[www.desertgardensrvpark.net](http://www.desertgardensrvpark.net)>.

January 6-15: **QUARTZSITE, ARIZONA:** Annual show; Tyson Wells Enterprises Inc.; Tyson Wells Show Grounds; 100 W. Kuehn St.; Fri. 9-5 daily; free admission; rocks, gems, minerals, jewelry, silver and gold smithing, faceting, precious metals, lapidary tools, equipment, supplies; contact Kym Scott, P.O. Box 60, Quartzsite, AZ 85346, (928) 927-6364; e-mail: <[tysonwells@tds.net](mailto:tysonwells@tds.net)> ; Web site: <[www.tysonwells.com](http://www.tysonwells.com)>.

January 21 - 22: **EXETER, CA;** Tule Gem & Mineral Society, Visalia; Exeter Veteran's Memorial Building, Highway 65, 324 N Kaweah Avenue; Hours: Sat. 10 - 5; Sun. 10 - 4; Contact: Steve Hayward, (559) 734-3843, cell (559) 967-1084, E-mail: <[smhay734@aol.com](mailto:smhay734@aol.com)>; Website: <[www.tulegem.org](http://www.tulegem.org)>.

January 27 - 28\*: **REDLANDS, CA;** Mineralogical Society of Southern California/Micro-Mineralogists Pacific Micromount Conference; San Bernardino County Museum, 2024 Orange Tree Drive, Hours: Fri. 4 - 10; Sat. 8 - 10; Field Trip on Sunday, January 29; Contact: Dr. Robert Housley, (626) 697-4435, E-mail: <[rhousley@its.caltech.edu](mailto:rhousley@its.caltech.edu)>; Website: <[www.mineralsocal.org/micro/index.html](http://www.mineralsocal.org/micro/index.html)>.

January 28-February 12: **TUCSON, ARIZONA:** Annual show; The Rock Show; Kino Sports Complex; 2500 E. Ajo Way; Sat. 9:30-5:30 each day; free admission; over 400 dealers and multiple locations, rocks, jewelry, minerals, fossils, gemstones; contact Trym Gibbons, PO Box 246, Cortaro, AZ 85652, (800) 983-0133; e-mail: <[rockshowtucson@gmail.com](mailto:rockshowtucson@gmail.com)>.

### *FEBRUARY 2012*

February 9-12: **TUCSON, ARIZONA:** Annual show; Tucson Gem & Mineral Society; Tucson Convention Center; 260 S. Church Ave.; Thu. 10-6, Fri. 10-6, Sat. 10-6, Sun. 10-6; adults \$10, seniors and active military \$8 on Fri., children (14 and under) free with adult; 2-day tickets \$17 ; contact Show Chairman, PO Box 42588, Tucson, AZ 85733, (520) 322-5773; e-mail: <[tgms@tgms.org](mailto:tgms@tgms.org)>; Web site: <[www.tgms.org](http://www.tgms.org)>.

February 17 - 26: **INDIO, CA**; San Gorgonio Mineral & Gem Society; Gem & Mineral Building, Bldg #1, Arabia Street; Hours: 10 -10 daily; Contact: Bert Grisham, (915) 849-1674, E-mail: <[bert67@verizon.net](mailto:bert67@verizon.net)>.

February 18-19: **ANTIOCH, CA**: Annual show; Antioch Lapidary Club; Contra Costa County Fairgrounds; 1201 W. 10th St.; Sat. 10-5, Sun. 10-5; adults \$4, children (under 12), Scouts in uniform, and active military with ID 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](mailto:brenda.miguel@yahoo.com)>; Web site: <[www.antiochlapidaryclub.com](http://www.antiochlapidaryclub.com)>.

February 24-25: **NORTHRIDGE, CA**: Annual show; Del Air Rockhounds Club; United Methodist Church; 9650 Reseda Blvd.; Fri. 3-9, Sat. 10-5; free admission; contact Julia Marin, (818) 886-7190; Web site: <[www.delairrockhounds.org](http://www.delairrockhounds.org)>.

February 25-26: **SAN FRANCISCO, CA**: Show, "San Francisco Crystal Fair"; Pacific Crystal Guild; Fort Mason Center; 99 Marina Blvd.; Sat. 10-6, Sun. 10-4; adults \$6, children (12 and under) free; 30 dealers, minerals, gems, crystals, beads, metaphysical healing tools; contact Jerry Tomlinson, PO Box 1371, Sausalito, CA 94966, (415) 383-7837; e-mail: <[jerry@crystalfair.com](mailto:jerry@crystalfair.com)>; Web site: <[www.crystalfair.com](http://www.crystalfair.com)>.

### ***MARCH 2012***

March 2 - 4: **NEWARK, CA**; Mineral & Gem Society of Castro Valley; Newark Pavilion, 6430 Thornton Avenue; Hours: Fri. & Sat. 10 - 6; Sun. 10 - 5; Contact: Cathy Miller, (510) 887-9007, E-mail: <[info@mgscv.org](mailto:info@mgscv.org)>; Website: <[www.mgscv.org](http://www.mgscv.org)>

March 5 - 6: **ARCADIA, CA**; Monrovia Rockhounds, Inc.; LA County Arboretum, 301 Baldwin Avenue; Hours: 9 - 4:30 daily; Contact: Jo Anna Ritchey, (626) 359-1624, E-mail: <[joannaritchey@gmail.com](mailto:joannaritchey@gmail.com)>; Website: <[www.Moroks.com](http://www.Moroks.com)>.

March 3 - 4: **VENTURA, CA**; Ventura Gem & Mineral Society; Ventura County Fairgrounds, 10 W. Harbor Blvd.; Hours: Sat 10 - 5; Sun 10 - 4; Contact: Rob Sankovich, (805) 494-7734, E-mail: <[rmsorca@adelphia.net](mailto:rmsorca@adelphia.net)>; Website: <[www.vgms.org](http://www.vgms.org)>.

March 10 - 11: **SALINAS (Spreckels), CA**; Salinas Valley Rock & Gem Club; Veteran's Hall, Spreckels, CA, 5th & Llano Streets; Hours: 10 - 5 daily; Contact: Robert L. Braun, (831) 771-2089.

March 10 - 11: **TURLOCK, CA**; Mother Lode Mineral Society; Turlock Fairgrounds, 900 North Broadway; Hours: Hours 10 - 5 daily; Contact: Terry & Bud McMillin, (209) 524-3494, E-mail: <[bud.mcmillin.b7y@statefarm.com](mailto:bud.mcmillin.b7y@statefarm.com)>; Website: <[www.turlockgemshow.com](http://www.turlockgemshow.com)>.

March 17 - 18: **VALLEJO, CA**; Vallejo Gem & Mineral Society; Solano County Fairgrounds, McCormack Hall; Hours: 10 - 5 daily; Contact: Dan Wolke, (707) 644-9764, E-mail: <[VGMS01@yahoo.com](mailto:VGMS01@yahoo.com)>; Website: <[www.vallejogemandmineral.com](http://www.vallejogemandmineral.com)>.

March 24 - 25: **ANGELS CAMP, CA**; Calaveras Gem & Mineral Society; Calaveras Co. Fairgrounds (Frog Town USA), 101 Frogtown Road; Hours: Sat 10 - 5; Sun 10 - 4; Contact: Tak Iwata, (209) 928-5579, E-mail: <[Tak2me@msn.com](mailto:Tak2me@msn.com)>; Website: <[www.calaverasgemandmineral.org](http://www.calaverasgemandmineral.org)>.

March 24 - 25: **ROSEVILLE, CA**; Roseville Rock Rollers; Roseville-Placer County Fairgrounds, 800 All American City Blvd. (off Washington); Hours: Sat. 10 - 5; Sun. 10 - 4; Contact: Gloria Marie, (916) 216-1114, E-mail: <[gloriarosevillerockrollers@gmail.com](mailto:gloriarosevillerockrollers@gmail.com)>; Website: <[www.rockrollers.com](http://www.rockrollers.com)>.

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# CAMPS!

## ***ZZYZX CAMP, April 1 - April 8, 2012***

The California Federation of Mineralogical Societies invites you to the Earth Science Seminar to be held at Soda Springs (Camp Zzyzx) located approximately 50 miles northeast of Barstow, CA, off 1-15 at Zzyzx Rd. Facilities are rustic, dormitory style rooms with bed, mattress, and desk. Cleaning responsibilities lie with occupants. 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 buildings 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; Silver Fabrication; Beading; Soft Stone Carving & Scrimshaw; Advanced Wire Art; Wire Art; Field Trips; Precious metal clay; Faceting; and, Alternative Casting.

The fee for the week is \$375.00 per person and includes quarters 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.** No cancellations after MARCH 17, 2012, **UNLESS A REPLACEMENT IS PROVIDED.** A \$25.00 Administration Fee will be assessed for cancellations made prior to March 17, 2012. A condensed registration form is included below. For information only, call: Marion Roberts, (209) 538-0197.

### ***ZZYZX CAMP- REGISTRATION FORM - DEADLINE March 1, 2012***

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

Please use block printing:

Mr. Mrs. Ms \_\_\_\_\_

Mr. Mrs. Ms \_\_\_\_\_

Street \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ E-mail \_\_\_\_\_

ROOM ASSIGNMENT FOR SINGLE APPLICANTS ONLY. \_\_\_\_\_ R.V. \_\_\_\_\_ DORM \_\_\_\_\_

ROOM REQUEST FOR MEDICAL OR PHYSICAL REASONS; PLEASE DESCRIBE SPECIAL DIETARY NEEDS: DIABETIC OTHER

EXPLAIN \_\_\_\_\_

Please fill in classes desired:

First Choice

Second Choice

Third Choice

A \_\_\_\_\_

B \_\_\_\_\_

Please complete the Registration Form and mail it with full payment, payable to CFMS.

Mail application to: Audrey Harvey, 3363 Tuxford Place, Thousand Oaks, CA 91360, (805) 492-2253

various earth sciences.

The object of this Society shall be to unite and associate those persons who are interested in the study and collecting of minerals and gemstones; for mutual improvement in the art of cutting and polishing gem or semi-gem material; and for increasing the knowledge of its member about the



Santa Cruz Mineral & Gem Society  
P.O. Box 343  
Santa Cruz, CA 95061

