

Santa Clara Valley Gem and Mineral Society

Send Exchange Bulletins to:
June Harris
107 Dell Way
Scotts Valley, CA 95066



Please Deliver Promptly

BRECCIA

Santa Clara Valley
Gem and Mineral Society



All American Club

Volume 55
Number 3

San Jose, CA
March, 2008

SCVGMS ELECTED OFFICERS

President: Randy Harris
(831) 438-5150
Vice President: Rick Kennedy
(408) 529-9690
Secretary: John Eichhorn
(408) 749-0523
Treasurer: Frank Mullaney
(408) 266-1791
Editor: June Harris
(831) 438-5150
Federation Director: Ruth Bailey
(408) 248-6195
Alternate Fed. Director: Frank Monez
(408) 578-7067
Directors:
Chris Cherry (408) 448-0635
Marc Mullaney (408) 691-1584
RK Owen (408) 377-5373
Michael Paone (408) 340-3258
Matt Wood (408) 744-9402
Historian: Linda Spencer (408) 997-7319
Parliamentarian: Dean Welder
(408) 353-2675

SCVGMS COMMITTEE HEADS

Donation Receiving Committee Chairman:
George Yamashita
Field Trip Committee Coordinator:
Dean Welder
Field Trip Committee: Randy Harris,
John Eichhorn, & Marc Mullaney
Financial Advisory Committee:
Ruth Bailey & Chuck Boblenz
Founder's Day Picnic Food:
Nancy Reineking & Michael Paone
Founder's Day Raffle: Claire Ferguson
Founder's Day Bingo: John Eichhorn
Hospitality: Chris Cherry
Installation Dinner: Marc Mullaney
Librarian: Marsha Owen
Member Displays: Rick Kennedy
PLAC: (Public Lands Advisory Committee)
Frank Monez
Program: OPEN
Refreshments: Linda Spencer
Secret Auction: Donation Receiving Comm.
Sergeant-at-arms: Vito Cangemi & JT Fuller
Show 2008: Marc Mullaney
Show 2009: Frank Mullaney
Silent Auction: John and Sylvia Palmieri
Social: June Harris
Sunshine: Ernestine Smith
Trailer Custodian: Herb Vogel
Trophies: Frank Mullaney
Webmaster: RK Owen

Santa Clara Valley Gem and Mineral Society

P.O. Box 54, San Jose, CA 95103-0054

Website: www.scvgms.org

Email: info@scvgms.org

Phone Number (408) 265-1422

An Invitation

This society is pleased to invite guests to attend general meetings, study groups, and field trips. General meetings are normally held the fourth Tuesday of every month at 7:45 PM at 100 Belwood Gateway (the Cabana Club), Los Gatos, CA 95032. Belwood Gateway is just south of Blossom Hill Road between Leigh Avenue and Harwood Road.

Our next general meeting will be on March 25, 2008 at the Cabana Club, 100 Belwood Gateway, Los Gatos, CA 95032 at 7:45 PM.

Our next board meeting will be on March 27, 2008 at RK Owen's home, 5171 Leigh Avenue, San Jose, 95124, at 7:30 PM.

Our Society's Purpose: The inculcation of a love of rocks and minerals by the furtherance of members' interests in the earth sciences and by education in all facets of related educational activities with the promotion of good fellowship, proper ethics, and conduct.

Our Membership Requirements: Attendance at two general meetings within twelve months. This society is a member of the California Federation of Mineralogical Societies (CFMS) and is affiliated with the American Federation of Mineralogical Societies (AFMS). Dues are \$10.00 per year.

Our Newsletter, the Breccia, is published ten times annually. The deadline for most articles is the Sunday before the regular meeting. The Breccia Editor is June Harris who may be contacted by email at juneconeyharris@yahoo.com or by phone at (831) 438-5150. The Breccia is proofread by Linda Spencer. Ruth Bailey handles all aspects of mailing. Exchange bulletins may be sent to June Harris at the following address: 107 Dell Way, Scotts Valley, CA 95066. Permission to copy is freely granted to American Federation of Mineralogical Societies (AFMS) affiliated clubs when proper credit is given.

Study Group Leaders

For information on a study group, please call the leader(s) listed below

Cutaways & Carvers	Frank Mullaney	(408) 266-1791
Facet Cutters	Max Casey	(408) 227-0526
Fossileers	Gail Matthews	(650) 962-9960
Jewelers	Marc Mullaney	(408) 691-1584
Mineraleers	Chuck Boblenz	(408) 734-2473
Smithies	Kelly Van Vleck & Pat Speece	(408) 262-8187
	Pat Speece	(408) 266-4327
Stringers	Pat Speece	(408) 266-4327

Randy's Ramblings

Hello Fellow Rockhounds,

As most of you know, the annual show is approaching fast. There are many areas where we need your help to make things go well. There was a sign-up list at the last meeting, and it will be back next month. Please sign up to help in some area, whether it is Security, Lucky Dip, Hospitality, or some other area. The duties are not difficult, but we need lots of people to help.

This year the Kids Area has been expanded to handle the Boy Scout Geology Merit Badge and school field trips. We will have Jessica Kernan running a mineral and rock identification booth for her Girl Scout Gold Award project. This award is equivalent to the Boy Scout Eagle Award. We will also have a Silent Auction booth, Flintknapping, the new Scholarship booth (we have added memory wire bracelet kits and several other things), Demonstrators, and the Pebble Garden. There is also set up on Wednesday and Thursday and tear down on Sunday after the show ends. We need your help in all of these areas and others. Without you, it will be tough to do. Please call Marc Mullaney at (408) 691-1584 and tell him what you can help with.

It was a pleasure meeting both of our scholarship recipients at the meeting. They will be helping with the Kids Area at the Show. For those of you new to the club, we usually give out two scholarships each year to Earth Science majors at San Jose State. The money for these scholarships is raised at the show and other club events during the year.

Randy Harris, President

2008 Show Report by Marc Mullaney

We now have about a month to go until shoe time. Everything is proceeding well for the show. We need everyone to turn out for setup on Wednesday, April 2 and Thursday, April 3 at 9 am each day. The list of jobs is nearly complete. The major jobs left are someone to be in charge of Hospitality and Lucky Dip.

The Kids Area has more kids coming than last year. With the addition of elementary school field trips on Friday, we need lots of people to help with security to make sure the kids don't get out of hand. Last year the kids were well-behaved, and I anticipate that it will continue this year.

We will need a few more club members to put in show cases. We now have about 30 to 35 cases out of our usual 50, so contact Bill Gissler for an application. Applications were in the February Breccia on page 15. The application can also be downloaded from the Website, www.scvghms.org. The deadline for additional case applications is March 7th.

The car signs have been slow because of an illness. Please make time when you can to get them on your car. Trucks and vans will have preference, but I would like to get the signs on every car window we can.

The radio ads will be out the week before the show. We will also have an email sent to KRTY's email list of approximately 17,000 addresses. We have a special ad being sent out in those emails so we can see what response we are getting.

We are also trying to get competition working again in the club and the show. Full cases can be done, but if you only have one or two good pieces, that is great also.

We have one more club meeting prior to the show, so please sign up for working slots on Friday and Sunday. We still need people on Saturday, but we have the most signups that day. Remember, many hands make light work, so come one come all. Thanks for everyone's effort so far, and in advance thanks for everyone turning out at the show.

Check out what our study groups are doing!!!

Mineraleers by Chuck Boblenz



Nine members of the Mineraleers met at the home of Mike Paone on Tuesday, February 12th. The discussion topic was jade and went back through its great history. Also, the difference between Nephrite and Jadeite was discussed and a listing of close-in locations and the type of jade was passed out to each attendee. In addition, each attendee was able to choose a piece of Alaskan jade for their own to have and take home with them as a memento.

The next meeting is March 11th at the Harris' home in Scotts Valley with a topic of rhodonite. Plan now to join us and see what rhodonite looks like and where one can get some of this prized stone. Hope you can join us.

Cutaways and Carvers



The Cutaways and Carvers study group will be meeting at John Eichhorn's home on Saturday, March 8th, at 1:00 PM. Call John at (408) 749-0523 for more information about address and project suggestions and ideas.

Stringers by Pat Speece No report submitted



Smithies by Kelly Van Vleck

No report submitted

Jewelers by Marc Mullaney



The Jewelers study group will meet on March 6 for their next meeting. They will be working on "Fab Cab" beaded bracelet. This bracelet is made with free-formed beaded shapes around irregular shaped cabochons. For more information, contact Marc at geologistm@aol.com or (408) 691-1584. The meeting will be from 7 - 10 pm at the Cabana Club, 100 Belwood Gateway, Los Gatos.

Faceters

The Faceters study group met on March 1 at the home of Max Casey, 9 AM - noon. The group is for anyone who would like to learn the art of faceting a gemstone. Novices are welcomed and encouraged. Contact Max Casey at (408) 227-0526 for more information and directions.



Fossileers by Gail Matthews



Unfortunately our quarterly meeting at the February 23 demo day was preempted by a 5 year-old's birthday party. The next meeting will be at the May 17th demo day at 1 pm. If a meeting before that time is desired and someone has an available space and time, we can make it happen. For those wishing to enter a fossil in the upcoming show competition, I am available to assist with labeling and display. Please contact Gail Matthews at (650)-962-9960 or glassrockwood@aol.com.

Are you missing your 1- quart Corningware casserole lid? One was left after the February potluck. Linda Spencer has it. Call her at (408) 997-7319 or email her at linda@spencer40.com to get it.

Member Displays

by Rick Kennedy

February's program, looking at different collecting localities in the area around Quartzite, Arizona, brought out a wide range of material, mostly brought in by Larry Moore and Ed Ferner. Thanks to both of them for so many good samples of what can be found in this diverse and still accessible collecting locality.

Nancy Reineking brought several samples of jewelry she is making with the Smithies group. Frank Monez brought a mystery rock that was first thought to be mutton-fat jade, then a prehistoric discus, but it turned out to be mostly feldspar and quartz! John Bahr brought a number of recent acquisitions including banded fluorite from Argentina and rough unakite from Australia. Rick Kennedy brought the most recent Mineralogical Record showing a feature article on Benitoite and an abstract for the talk he did in Tucson. John Eichorn brought some great samples of his recent faceting work and some great dinosaur pictures. Gail Matthews brought some books that she purchased in Tucson, showing many rare and single cell fossils. Bill Spence brought a book on mining lamps and the new American Mineral Treasures book that is a must have for any collector.

The following people are scheduled to bring something to share for the March meeting: Ron Erickson, Dennis Ewell, Clair Ferguson and Gordon Snyder, Ed and Eileen Ferner, Mary Lu Ferrara and Larry Knutson, J.T. Fuller, Misako Fuller, Jennie Gibson, Bill Gissler, Gareth Hagen, Randy and June Harris, and Stephanie Haughton.

March Meeting Program

Topic: San Andreas Fault and Earthquakes
Video: "Earth Revealed, Living with Earth."
Methods of studying earthquakes are covered and how human are learning to cope with earthquakes.

Meet Our New Members

Approved at the February 2008 Board Meeting

Donna and Herb (Tiny) Garland, (408) 734-1178, 220 Tasman Dr. #150, Sunnyvale, CA 94089, hgarland76@earthlink.net. Donna is interested in cutting and polishing, silversmithing, field trips, wire wrapping, and stringing. Tiny is interested in cutting and polishing, field trips, and geology.

Sunshine by Ernestine Smith



We have a new update on the health of Bill and Margaret Norton who have been members since 1973. Margaret was an award-winning editor of the Breccia and a past president of CMFS. Bill was involved helping people learn faceting.

Unfortunately, both have failing health. Bill has Alzheimer's disease which continues to advance. Margaret has had a series of strokes/cerebral incidents and is recovering from pneumonia. She has difficulty talking, but enjoys short visits. She is now at Lincoln Glenn Manor Skilled Nursing Unit, 2671 Plummer Ave., San Jose, CA 95125, 408-265-3222. You can phone the facility for directions. Neither Bill nor Margaret can talk on the phone.

After a visit with Margaret at Lincoln Glenn on February 27th, we were encouraged to see how well she looked and seemed to feel. Talking is difficult for her, but she obviously enjoyed the visit and the remembrances of the rock club activities and its members.

Jennie Gibson has moved to New Mexico to be closer to her daughter. Her new address is c/o Good Samaritan Village, P.O. Box 1279, Socorro, NM 87801. Jennie just turned 87 and is quite frail, but would love to hear from friends.

If you have information concerning any member who is ill, hospitalized, or has had a death in the family, please contact our Sunshine person, Ernestine Smith, (408) 395-5035.

2008 SCVGMS directory changes:

Linda Spencer has a new email address:
Linda@spencer40.com

Georgiana Rudge has a new email address:
GKRudge@sbcglobal.net

Dick and Kit Hultquist have a new address, 6274 Blauer Lane, San Jose, CA 95135.

If you need a new directory, please see John Eichhorn at the next meeting.

SCVGMS 2008 Calendar



March 1 Faceters meeting at Max Casey's home at 9 AM.

March 6 Jewelers meeting at the Cabana Club from 7-10 PM.

March 8 Cutaways meeting at John Eichhorn's home at 1 PM

March 11 Mineraleers meeting at Randy Harris's home at 7:30 PM.

March 25 *General meeting at the Cabana Club at 7:45 PM.*

March 27 Board meeting at RK Owen's home at 7:30 PM.

April 2-3 *Show setup at the Santa Clara County Fairgrounds. Everyone is requested to help.*

April 4-6 *Annual Show at the Santa Clara County Fairgrounds. Friday 9-5, Saturday & Sunday 10-5. Cleanup on Sunday evening until we are done. Everyone is requested to help.*

April 22 *General meeting and Dessert social at the Cabana Club from 7:00 PM. Club will provide drinks, forks, plates, & napkins. Everyone brings dessert to share.*

April 24 Board meeting at Rick Kennedy's home at 7:30 PM.

May 1 Jewelers meeting at the Cabana Club from 7-10 PM.

May 17 Demonstration Day at the Cabana Club from 9:30 AM -3:30 PM. All study groups are requested to demonstrate.

May 27 *General meeting at the Cabana Club at 7:45 PM.*

May 29 Board meeting at Chris Cherry's home at 7:30 PM.

June 5 Jewelers meeting at the Cabana Club from 7-10 PM.

June 24 *Barbeque/Potluck, General meeting and silent auction at the Cabana Club. Barbeque/potluck starts at 6:30 PM. Club will provide drinks, burgers, hotdogs, buns, condiments, and paper goods. Members need to bring a salad or dessert to share, at least 10 servings, please. Meeting starts at 7:45 PM. Silent auction throughout the evening.*

June 26 Board meeting at Matt Wood's home at 7:30 PM.

July 10 Jewelers meeting at the Cabana Club from 7-10 PM.

July 22 *General meeting at the Cabana Club at 7:45 PM.*

July 24 Board meeting at Frank Mullaney's home at 7:30 PM.

July 26 Founders Day Picnic at the Cabana Club.

August 7 Jewelers meeting at the Cabana Club from 7-10 PM.

August 9 Demonstration Day at the Cabana Club from 9:30 AM-3:30 PM. All study groups are requested to demonstrate.

August 26 *Barbeque/Potluck and General meeting at the Cabana Club. Barbeque/potluck starts at 6:30 PM. Club will provide drinks, burgers, hotdogs, buns, condiments, and paper goods. Members need to bring a salad or dessert to share, at least 10 servings, please. Meeting starts at 7:45 PM.*

August 28 Board meeting at Michael Paone's home at 7:30 PM.

September 4 Jewelers meeting at the Cabana Club from 7-10 PM.

September 23 *General meeting at the Cabana Club at 7:45 PM.*

September 25 Board meeting at Frank Monez's home at 7:30 PM.

October 2 Jewelers meeting at the Cabana Club from 7-10 PM.

October 25 Demonstration Day at the Cabana Club from 9:30 AM-3:30 PM. All study groups are requested to demonstrate.

October 28 *Potluck and General meeting at the Cabana Club. Potluck 6:30 PM, Meeting 7:45 PM Club will provide drinks and paper goods. Members provide main dish, salad, side dish, or dessert to share, at least 10 servings, please.*

October 30 Board meeting at Randy Harris' home at 7:30 PM.

November 6 Jewelers meeting at the Cabana Club from 7-10 PM.

November 25 *General meeting at the Cabana Club at 7:45 PM. Elections and silent auction throughout the evening. Board meeting immediately following the general meeting.*

December 2 Installation Dinner at the Cabana Club at 7:00 PM. Please bring an unwrapped toy to donate to Toys for Tots.

December 4 Joint Board meeting at Ruth Bailey's home at 7:30 PM.

**Congratulations to the
SCVGMS 2008
Scholarship winners:
Kristi Black and
Morgan Mendoza**

**2008 SCVGMS
Membership Directories
are available from John
Eichhorn at general
meetings. Pick yours up
at the March meeting.**

CFMS Show Schedule

Changes to this calendar are printed in italics. For the latest version of the CFMS Show Schedule go to www.cfmsinc.org



March 1-2 2008, Arcadia, CA, Monrovia Rockhounds, Los Angeles County Arboretum & Botanical Garden, 301 N. Baldwin Ave., Hours: 9 - 4:30 both days, Jo Anna Ritchey, Email: j.ritchey@verizon.net, Website: www.moroks.com

March 1-2 2008, Ventura, CA, Ventura Gem & Mineral Society, Seaside Park - Ventura County Fairgrounds, 10 W. Harbor Blvd., Hours: Sat. 10-5, Sun. 10-4, Abe-Bar-Shai (818) 991-7735, Email: Barshai3@aol.com, Website: www.vgms.org

March 1-2 2008, Escondido, CA, Palomar Gem & Mineral Club, Army National Guard Armory, 304 Park Avenue, Escondido, CA, Hours: Saturday 9-5, Sunday 9-4, Michelle & Van Lynch (760) 949-4164, Email: michelleandvan@hotmail.com, Show Website: www.palomargem.org

March 8-9 2008, San Marino, CA, Pasadena Lapidary Society, San Marino Masonic Center, 3130 Hunting Drive, Hours: Saturday 10-6, Sunday 10-5, Drew Wilson (626) 449-4910, Email: TODREW@sbcglobal.net

March 8-9 2008, Salinas (Spreckles), CA, Salinas Valley Rock & Gem Club, Veteran's Memorial Hall, 5th and Llano Streets, Betty Alexander (831) 758-6205, Email: bettalex@earthlink.net

March 8-9 2008, Turlock, CA, Mother Lode Mineral Society, Stanislaus County Fairgrounds, Hours: Sat. 10 - 6 , Sun 10-5, Bud & Terry McMillin (209) 524-3494, Email: terry.mcmillin@yahoo.com, Website: www.motherlodemineralsociety.com

March 14-16 2008, San Bernardino, CA, Orange Belt Mineralogical Society, Western Regional League Ball Park, 6707 Little League Drive, Hours: Fri, Sat. 9 a.m. to dusk; Sun. 9 - 4, Emma Couveau (951) 288-6182

March 15-16 2008, Vallejo, CA, Vallejo Gem & Mineral Society, Solano County Fairgrounds, (junction Interstate 80 & Hwy 37) in the County Bldg., Hours: 10 - 5 both days, Ed Austin (707) 373-5639, Email: edhen@ips.net

March 22-23 2008, Angels Camp, CA, Calaveras Gem & Mineral Society, Calaveras "Frogtown" Fairgrounds, Hwy 49, Hours: Sat. 10 - 5, Sun. 10 - 4, Tom Reeves (209) 754-4863, \$3.00 per adult, children free

March 22-23 2008, Roseville, CA, Roseville Rock Rollers, Roseville (Placer) County Fairgrounds, 800 All America City Blvd., Hours: Sat. 10 - 5; Sun. 10 - 4, Jim Hutchings (530) 367-5108, Email: rockrollers@hotmail.com, Website: www.rockrollers.com

April 4, 5, & 6 2008, San Jose, CA, Santa Clara Valley Gem & Mineral Society, Santa Clara County Fairgrounds, 334 Tully Road, Hours: Fri. 9-5, Sat. & Sun. 10 - 5 both days, Email: info@scvgms.org, Website: www.scvgms.org

April 4, 5, & 6 2008, Bakersfield, CA, San Joaquin Valley Lapidary Society, 6th Annual Rock & Gem Rendezvous, Indoor Show/Outdoor Tail Gate, Kern County Fairgrounds, 1142 South P Street, Hours: Fri. 9 - 8; Sat. & Sun. 9 - 5, Lewis Helfrich (661) 872-8230 or 323-2663, Email: lewsrocks@bak.rr.com

April 12-13 2008, Mariposa, CA, Mariposa Gem & Mineral Club, Mariposa County Fairgrounds, Hours: 10 - 5 both days, Peggy Ronning (209) 742-7625, Email: mineralmuseum@sti.net

April 12-13 2008, Paradise, CA, Paradise Gem & Mineral Club, Elk's Lodge Note (new location), 6309 Clark Road, Paradise CA, Hours: Sat. 10 - 5; Sun. 10 - 4, Shirley Thompson (530) 872-1846, Email: shirley1846@comcast.net Website: www.goldnuggetwebs.com/PGMC/

April 26-27 2008, Lancaster, CA, The Antelope Valley Gem & Mineral Society, Lancaster High School, 44701 32nd St. W., Hours: 9 - 5 both days, Jules Ficke (661) 943-5157, Email: av_gem@yahoo.com, Website: www.geocities.com.av_gem

April 26-27 2008, Santa Cruz, CA, Santa Cruz Mineral & Gem Society, Santa Cruz Civic Auditorium at Corner of Center & Church Streets, Hours: 10 - 5 both days, Eleanor & Hubert Drake (831-8086), Email: hmdrake@pacbell.net

May 3-4 2008, Bakersfield, CA, Kern County Mineral Society, Ming Ave and P Street, Kern County Fairgrounds, Hours: 10-5 both days, Ismael

Sanchez (661) 301-4609,

May 10-11 2008, Reno, NV, Reno Gem & Mineral Society, Reno Livestock Events Center, 1350 N. Wells Ave., Hours: Sat. 10 - 5; Sun. 10 - 4, John Peterson (775) 356-8820, Website: www.renorockclub.com

May 17-18 2008, Yucaipa, CA, Yucaipa Valley Gem & Mineral Society, Yucaipa Community Center, 34900 Oak Glen Road, Hours: Sat. 9 - 5; Sun. 10 - 4, Bill Jochimsen (909) 790-1475, Email: bjim2285@aol.com, Website: www.mysite.verizon.net/YucaipaGem/103.html

May 31 - June 1 2008, Glendora, CA, Glendora Gems, 859 E. Sierra Madre, Hours: Sat. 10 - 5; Sun. 10 - 4, Bonnie Bidwell (626) 963-4638, Email: YBidwell2@aol.com

May 31 - June 1 2008, Woodland Hills, CA, Rockatomics Gem & Mineral Society, Pierce College, Victory and Mason, Hours: 10 - 5 both days, Louise Gerik (818) 347-1234, Website: rockatomics.com

June 7-8 2008, La Habra, CA, North Orange County Gem & Mineral Society, La Habra Community Center, 101 W. La Habra Blvd., Hours: 9 - 5 both days, Don Warthen (626) 330-8974, Email: warthen@earthlink.net, Website: nocgms.com

July 12-13 2008, Culver City, CA, Culver City Rock & Mineral Club, Culver City Veteran's Memorial Auditorium, 4117 Overland Avenue, Hours: Sat. 10 - 6; Sun. 10 - 5, Website: CulverCityRocks.org, Phone: (310) 391-8429, Email: maryellenandrick@aol.com

October 18-19 2008, Santa Rosa, CA, Santa Rosa Mineral & Gem Society, Veterans' Memorial Auditorium, 1351 Maple Avenue, Santa Rosa, Hours: Sat. 10-6, Sun. 10-5, Tom Dering (707) 564-4537, Email: farmarch@sonic.net, Website: www.gem-n-i.org

October 18-19 2008, Whittier, CA, Whittier Gem & Mineral Society, Whittier Community Center, 7630 Washington Avenue, Hours: Sat. 10-5 both days, Jay Valle: (626) 934-9764, Email: res19pnb@verizon.net

October 25-26, 2008, Los Altos, CA, Peninsula Gem & Geology Society, Los Altos Youth Center, One San Antonio Road, Hours: Sat. 9-5 pm, Sun. 9-4 pm, Stan Bogosian: (408)569-2489, Email: sbogosian@aol.com

November 7, 8, 9 2007, Eureka, CA, Humboldt Gem & Mineral Society, Redwood Acres Fairgrounds, 3750 Harris, Hours: Fri. 9-6, Sat. 10-6, Sun. 10-5, Toni Tyson (707) 725-2890, Email: BLUII911@msn.com

November 8-9 2007, Lancaster, CA, Palmdale Gem & Mineral Society, Antelope Valley Fairgrounds, 2551 W. Ave. H, Hwy 14, Hours: 9 - 5 both days, Susan Chaisson-Walblom (661) 943-1861, Email: SLChaisson@yahoo.com, Website: pgms@antelecom.net

November 22-23 2007, Oxnard, CA, Oxnard Gem & Mineral Society, Performing Arts Center, 800 Hobson Way, Hours: Sat. 9 - 5, Sun. 10-4, Miriam Tetrault (805) 642-5779, E-mail: miriamtetrault@hotmail.com, Website: www.OGMS.net

FEDERATION SHOWS IN 2008

California Federation (CFMS), June 27-29 2008, California Federation of Mineralogical Societies, Ventura County Fairgrounds, Ventura, CA, Hours: 10-5 Daily, Adults \$5.00, seniors (60+) \$4.00, students \$3.00, Kids under 12 free with paid adult, Fairgrounds parking

Midwest Federation (MWF), June 20-22, Lincoln, NE

Northwest Federation (NFMS), June 20-26, Ontario, OR

Rocky Mountain Federation (RMFMS), October 31 - November 2, Tulsa, OK

South Central Federation (SCMS) / AFMS, September 25-28, Humble, TX

Our Very Own Fault:

via Petrograph, March 2005
Ref. Discover 3/05

Biggest and most famous of all the fractures between the independently moving North American and Pacific plates, that's our very own San Andreas. On the surface it may run a mile wide, and it extends more than 25 miles deep into the crust of the Earth. We know that earthquakes accompany movement on the fault, or at least release strain, but where precisely do the quakes begin? This question plagues scientists. They are studying the problem at the San Andreas Fault Observatory at depth, a project drilling deep into our famous fault. The purpose of the project is not so much to learn how to predict earthquakes, as to see if they are predictable. The drilling site is near Parkfield where the fault behaves oddly. Formed by the Pacific and North American tectonic plates grinding together, the fault curves some 800 miles up western California, the plates locked and straining against each other. The strain is released in irregular but shattering quakes. At Parkfield the fault changes; the section just north of Parkfield creeps along at about 1.3 inches a year. The five-acre drill site is on the transition between the locked section and the creeping section.

This area cranks out magnitude 2 quakes, too small to feel on the surface, with metronomic regularity every couple of years. They produce identical patterns which, scientists feel, offer the team a chance to build a three-dimensional map of a fault in action. Information gleaned from the test hole, drilled in 2002, down

1.4 miles, has enabled the crew to begin the main hole in 2004. The main hole will drop vertically for the first mile and then to bend and angle to the fault. They hope to soon have a football-sized section of the fault under observation using fiber optic cable. They can watch 'essentially the same earthquake over and over' for the next 20 years. It is hoped that the earthquakes give off some warning signal, in which case underground monitoring stations could be saving lives one day. Up to the present day, earthquakes have been context-free. Unlike hurricanes with their rising winds or floods with their rising waters, there is no measurable preamble to an earthquake. Placing instruments underground, right where the plates start slipping, will provide crucial information about the nucleation zone where the earthquakes are born.

Will California Eventually Fall Off into the Ocean?

via The Pegmatite, May 2006
(from <http://earthquakes.usgs.gov/learning/facts.php>)

The USGS says: No. The San Andreas Fault System, which crosses California from the Salton Sea in the south to Cape Mendocino in the north, is the boundary between the Pacific Plate and North American Plate. The Pacific Plate is moving northwest with respect to the North American Plate at approximately 46 to 55 millimeters per year (the rate at which your fingernails grow). The strike-slip earthquakes on the San Andreas Fault are a result of this plate motion. The plates are moving horizontally past one another, so California is not going to fall into the ocean. However, Los Angeles and San Francisco will one day be adjacent to one another (in about 15 million years)!

Upcoming Field Trip Opportunities

Contact Dean Welder, at email wdeanwelder@yahoo.com. Email is the best way to contact him. If you can not email, then call him at (408) 353-2675 for information about the following field trips. Dean will make the appropriate introductions for you to be able to attend.

March 22 Ant Hill, CA for sharks teeth fossils.

April 5 Lovelock, NV for petrified wood.

April 19 Stonyford, CA for solid orbicular jasper.

April 26 Pulga, CA (N of Oroville) for idocrase ("Pulga Jade").

May 2-4 Snyders Pow Wow at Valley Springs, CA.

May 3 Carson Hill, CA for minerals.

May 17-18 Fairview, NV for agate, geodes, wonderstone.

May 21-26 Tri-Federation Field Trip to Texas Springs for limb casts, agates, and petrified wood.

June 6 Virgin Valley, NV for opal.

June 7 Oregon for sunstones.

June 7-8 Virgin Valley, NV for opals.

June 16-19 Virgin Valley, NV for opal.

Labor Day Weekend Cedarville, CA for petrified wood.

PLAC Report

Article submitted by Frank Monez, SCVGMS PLAC Chairman

Words of Caution

by John M. Wright,
AFMS Conservation and Legislation

When you head out this spring on a field trip or any other type of outing that involves federal lands, don't be surprised to find roads blocked by gates or earthen structures and many parks, camp sites, and trails closed. In spite of congressional legislation that requires proposals and recommendations for road closures based on in-depth studies and public hearings, the U.S. Forest Service has more-or-less chosen to ignore the congressional mandate and is pursuing a course that is indiscriminately restricting the public from vast areas of federal lands. Trying to understand the rationale they use in choosing areas to be closed is impossible and reminds me of a game kids play call "pin the tail on the donkey".

During the early 1980's, the U.S. Forest Service began to make changes in their philosophy for the management of forest resources. In all fairness, I want to acknowledge up front that in large part this was because of reductions in federal funds; however, in recent years the reduction in funds has become a scapegoat for placing millions of acres off limits to the public because of pressure exerted by well-financed special interest groups. These restrictions may very well come back and bite them in the backside, but that will be of little consolation for us as our tax dollars will be used to correct the mistakes.

The following USDA News Release is the new philosophy in a "nutshell" so to speak. It also contains the website for a more detailed version:

NEWS RELEASE- USDA Forest Service, Washington, D.C.

Release No. 0721 USDA FOREST SERVICE RELEASES FIVE YEAR STRATEGIC PLAN-

WASHINGTON, October 29, 2007—U.S. Forest Service Chief Abigail Kimbell announced today the release of the agency's strategic plan for fiscal years 2007 – 2012. The plan includes Kimbell's emphasis areas of climate change, water, and involving youngsters in forest activities. "Forests play a unique role in meeting our Nation's future challenges associated with climate change, renewable energy, and sustaining abundant flows of fresh water to the American people," said Kimbell. "Because issues related to climate change and looming water shortages will take many years to resolve, the Forest Service is committed to instilling stronger land ethics in future generations."

The Forest Service Strategic Plan for FY 2007 – 2012 provides a clear yet broad direction to carry out its mission of natural resource management while focusing on critical programs and activities. The Forest Service strategy includes the integration of environmental, social, and economic issues into its management decisions while accounting for present and future needs. The Forest Service Strategic Plan can be found at: www.fs.fed.us/publications/strategic/fs-sp-fy07-12.pdf

So what does this mean for you? Ultimately it will mean fewer places for field trips and other outings as competition is increased for access to private property as trail bikers, 4-wheelers, hunters, campers, etc. are displaced from federal lands and seek out new areas for their pursuits. It will also mean higher prices for lumber and wood products, fuel, and minerals used to make our lives more productive and comfortable.

The underhanded covert methods being used for taking away public access to federal lands without public approval or hearings will continue unless we take a stand. Become involved and let your opposition be known. We are not alone in this fight and can increase our leverage by joining with other groups that are opposed to the road closures and limiting the public's access to lands controlled by the Forest Service. Find a way to become aware of and to keep yourself up to date on these important issues in your area. I recommend that you or your club join the American Lands Access Association and also the Blue Ribbon Coalition (sharetrails.org). These are two of the better ones for keeping informed, but there are many more, and some of them may be located in your immediate area.

Safety by Chuck McKie

via CFMS Newsletter 1/2008

The kitchen is one of the most dangerous rooms in the house. It contains many hazards that can cause burns and unintentional fires. Every year in Phoenix, more than 300 residential fires start in the kitchen, the largest category for causes of residential fires. It's important to recognize proper heating and cooking equipment functions, and to know how to extinguish grease fires. Taking steps to protect young children from these heating and cooking appliances can prevent damaging fires, injuries and loss of life.

Ovens and Ranges

Always make sure the oven and stove top are clean. If not, clean them thoroughly and safely. Residue grease and food can catch fire. Keep pot handles turned inward, away from the edge of the stove. Don't wear long, loose sleeves that can hang over the stove while cooking. An electric burner coil can reach a temperature of more than 1,000 degrees Fahrenheit. This can ignite clothing even after the coil has been turned off. Flammable fabrics, such as towels, dish rags, or curtains can be ignited merely by being used or stored near a gas or electric range. Vapors from contact cement, gasoline, cleaning fluids, or other flammable liquids can be ignited by the pilot of the kitchen range.

Children in the Kitchen

Children and kitchens aren't a good mix. Continuous and adequate supervision of children in the kitchen is of prime importance. As a child's mobility and curiosity increase, appropriate supervision becomes essential. Keep all hot items at a safe distance from a child. Keep the child a safe distance from all hot items by using highchairs, child safety gates, playpens, etc. Create a safe zone for children. Keep them out of the household traffic path and check for their location before moving a hot or heavy item. Remove tablecloths and placemats when toddlers are present. They can tug and pull on everything within their reach. Hot or heavy items can easily be pulled on top of them. Never give children pots and pans to play with. Children may reach for this "toy" when it contains hot liquid or food. An oven door can get hot enough to burn a youngster who might fall or lean against it. It can be particularly dangerous for a child just learning to walk who may use the door for support; the child is often unable to let go before suffering a burn. Keep small children out of the kitchen when the oven is in use.

Grease fires

If a grease fire erupts in a pan on top of the stove, quickly and carefully cover the pan with a lid or a larger pan. Never use water. If the fire is in the oven, turn the controls off and close the door tightly. This will smother the flames. Better yet, have a portable fire extinguisher handy and know how to use it. The Phoenix Fire Department recommends having a 2A10BC fire extinguisher in the kitchen; make sure it is charged at all times. If you suspect there may be a fire still smoldering somewhere in the cabinets or woodwork after such an experience, don't hesitate to call the fire department.

Appliances

Use only appliances that have received an Underwriters' Laboratory or Factory Mutual testing label. Do not allow appliance cords to dangle over the edge of counter tops or tables. Children may pull at them and injure themselves. Or you may catch them unintentionally and pull them off the counter. Do not overload electrical circuits. Unplug appliances when not in use. If an appliance smells funny, doesn't function correctly, or has frayed or broken wiring, have it repaired or replaced.

Microwave Ovens

Burns associated with the use or misuse of microwave ovens are increasing. The scald burn is the most common type of burn, and most involve the hands. The age distribution is rather broad, but there continues to be a large number of young children who sustain the most serious burns. The single most common cause of burn injury is simply the fact that people do not expect items heated in the microwave oven to present the same risks as items heated by other more conventional means. Many people do not fully appreciate or understand how the microwave oven heats food. The fact that a food container may not be hot may mislead an individual to assume that the food itself is not really hot - thus a burn injury occurs.

Behavior

The single most important prevention measure is to read and follow the directions. The directions associated with the operation of the microwave oven and the specific directions associated with heating prepared or packaged foods are equally important. Use a pot holder or appropriate utensil to remove lids and coverings from heated containers to prevent steam or contact burns. This also is necessary when removing items that may have been heated for extended periods of time - the container may be hot. Be sure children are old enough to understand the safe use of the microwave oven before allowing them to heat foods. Children under the age of seven may not be able to read and follow directions and are at a higher risk potential than older children. Their height is also an important factor. Some manufacturers do not recommend that their product be heated in a microwave oven. Be sure you follow their recommendations. (For example, some baby foods are not to be heated in a microwave. And jelly-filled donuts can be a major source of mouth burns.) Use caution when handling and cutting thick pieces of meat after heating, especially meats with considerable fat. Spattering of hot fat and meat juices may occur.

Environmental Control

Puncture plastic pouches and plastic wrap covering before heating. This will reduce the risk of a vapor pressure build up and prevent steam burns. Put a cut in a potato skin or other vegetable to reduce the risk of "bursting" when you cut into it after it is heated. Eggs should be removed from the shell before being cooked in the microwave oven. The egg in the shell may explode, causing both mechanical and thermal injuries. Identify containers, dishes, and utensils that are safe for use in the microwave oven. Some items are not "microwave safe" and may become very hot or even burst when heated in the microwave oven. When using smooth vessels for heating liquids, place a plastic spoon in the vessel during the heating process. This will prevent the "super heated" phenomenon that may result in liquid spattering and scald burns.

Check for the presence of metal when reheating some "fast food" items. Aluminum foil, staples in bags, twist-ties, etc. may become very hot and ignite combustible containers.

Children who are permitted to operate the microwave oven should be tall enough to be able to safely remove items from the oven. One major risk is facial burns, which occur among children whose height puts their face at the level of the heating chamber of the microwave oven.

Chuck

Lapis Lazuli

by Chuck Boblenz, SCVGMS member

Introduction

Lapis Lazuli has intrigued people around the world for centuries. Its vivid, exciting blue color has mesmerized those admiring the works of art and jewelry. The list of admirers includes people from every walk of life and includes kings and emperors. This intrigue is caused by the spectacular deep, vivid blue color. In fact, it is so distinct a color that it is hard not to notice it when worn in jewelry or seen in the rough.

History

In the early years of 3300 B.C., in the country we know as Iraq and along the Euphrates River which flows through the country, pieces of Lapis Lazuli were found. The pieces being found at this time were finished gems and jewelry found in Sumerian tombs from earlier civilizations. These pieces had been carved into the forms of birds, deer, and rodents, having been made into dishes, vases, beads, and cylindrical seals used in the times of the Sumerians.

Later in the 1300 B.C. years, thousands of similar jewelry items were buried with King Tut. These pieces used Lapis Lazuli extensively, making use of the contrast of gold and the deep blue color to attract one's eye. Many of these were items that were displayed in a traveling display several years ago.

Pliny writes of sapphires of both "light and dark blue" in the year 79 A.D.. It is believed that his reference to sapphires of dark blue was aimed at describing Lapis Lazuli. In fact, so little had been written till this time, allowing some historians to be concerned about interpretations of these early writings which have been found.

In the years of the 1200's, the Pope had heard of vast lands to the east called the Mongol Empire. He learned from the many traders and adventurers returning to Rome of this vast land and its people. This information caused him to follow his tradition and to introduce these peoples to Christianity.

In 1245 the Pope selected Giovanni de Piano Carpini to go to the east and seek the lands of Genghis Khan. Carpini was able to travel to the northern reaches of the Gobi Desert. In these travels he did meet the Khan, but was not successful in converting him to Christianity.

Upon hearing of Carpini's return to Rome and receiving his report, the Pope sent Guillaume de Rubrouck with the same charter: to locate the Great Khan and to convert him to Christianity. Rubrouck traveled further east surpassing Carpini in his travels and succeeded in getting to Karakorum, the capital of the Mongol Empire; however, he was equally not successful in converting the Khan before returning to Rome.

In 1260 two brothers, Niccolo and Maffeo Polo, set out from Venice eastward toward Constantinople. Soon after they started their journey, they decided to extend their trip and to allow geography and economics to direct the direction that they went. This decision was monumental in that it allowed them to be the

first "Latins" to cross the full Asian continent.

These travels allowed the brothers to meet Kublai Khan's cousin, Barka. This friendship caused them to spend a year in Barka's domain dealing in fine gems and jewels from the area. As the second year was beginning, a war was brewing, causing the brothers to continue their journey.

As they were leaving, they found that their way was blocked by the war, so chose to go north into an area governed by the Khan of Turkistan. They then remained in this area for three years.

Barka's domain included the present country of Afghanistan and slowed the Polo brothers to see the many mines in the northern part near the Oxus River. This is the locale where early Lapis Lazuli is found. The brothers' keen interest in gems and jewelry caused them to barter and trade for this fine material.

During the brothers' stay in this part of the Mongol Empire, they succeeded in meeting the Great Khan. During one of their meetings, the great Khan gave them a message to be given to the Pope and he assured their safe passage back with a golden tablet with the mark of his seal upon it.

With the passport, they safely returned to Venice with great wealth and many stories of adventure. They were soon preparing for a return trip to the Khan's Empire. On this trip Niccolo's son, Marco, joined the brothers and found great acceptance into the Mongol Empire by the Khans. This began a number of trips for Marco over the next two decades where he acquired and traded the prized Lapis Lazuli throughout these journeys.

Leonardo de Vinci sought honest paint dealers that would take Lapis Lazuli powder and mix it into their paints which he sought for that particular blue in his paintings.

It should be noted that there were also dishonest paint dealers during this time. They found that they could substitute Azurite for the bluing agent and sell a similar colored paint. The unfortunate thing that happens to the paint mixed with Azurite is that after a period of time it will turn a very bright green, much to the embarrassment of the artisan and causing a deep concern for the paint dealer. This green color is caused by the copper in Azurite turning it to Malachite over time.

Detail

Lapis Lazuli is pronounced Lap'is Laz-yoo'le. The first word has the emphasis placed on the lap' and the smaller emphasis on the is; the second word Laz has a long a and the yoo' sounds like you and le sounds like lay. Go ahead and try it. It's easy to pronounce, isn't it?

The dictionary describes it as: 1. an opaque, azure-blue to deep blue gemstone of Lazurite; 2. A mineral, Lazurite. [Latin Lapis, stone + Medieval Latin Lazuli, genitive of Lazulum, Lapis Lazuli, from Arabic Lazaward, from Persian Lazhuward.]

Article continued on page 12

Lapis Lazuli is a rock. The blue material that first strikes our eye is Lazurite. It is the midnight blue material and is sodium aluminum silicate. The next attractive material is metallic and looks very bright and shiny. It is Pyrite and the remaining white streaks are Calcite.

The most prized of this material is extremely dark blue in color, in fact, almost midnight black; is very hard and takes a very good polish; has very small amounts of pyrite and almost no calcite. This dark blue of Lapis Lazuli is much more intense than Sodalite or Azurite and is much more valued.

Each of the lesser grades of Lapis Lazuli will have varying amounts of Pyrite and Calcite in each piece and can have varieties in color from light blue to the most vivid of blues.

The Chilean and Russian Lapis Lazuli is often lighter in color due to the higher content of calcite and results in a lower value. All material shows an amount of pyrite, but if too much is prevalent, then the stone can gain a green patina with age.

Lapis Lazuli

Formula: $\text{Na}_8(\text{Al}_6\text{Si}_6\text{O}_{24})\text{S}_2$ Sodium Aluminum Silicate

Color: Blue

Hardness: 5-6

Specific Gravity: 2.4-2.9

Streak: Light Blue

Fracture: Conchoidal, Grainy

Localities:

Afghanistan:	West Hindu Kush Mountains
Russia:	Baikal Lake, southwest end of lake
Chile:	North of Santiago

Lapidary Treatment

Use normal lapidary treatment through the number of grit sizes; however, use caution when going above 600 grit of heat buildup. Too much heat can cause the piece to fracture and/or shatter, so use caution.

Lapis Lazuli can be used in any silver, gold, or platinum jewelry and will provide instant appeal in its contrast to the metal work.

Conclusion

I hope that you have now been introduced to Lapis Lazuli. 'Tis a stone through the ages and is fun to work with. I hope this will cause you to find the pieces you may have stashed away and to get them out and decide to work them into some super piece of jewelry. As you have noted here, it would undoubtedly draw much attention to you wherever you may wear or show it. So take that step right now, and I believe you will find it very enjoyable.

New Lapidary Facility Opening

by Jennifer Olsen House

The lapidary shop at Santa Clara Senior Center will be opening on Fridays starting at the end of February. (Currently the lapidary shop is only open on Thursdays.) You don't have to be a Senior or live in Santa Clara to use it. Cost is \$1.00 for a session from 9 AM - 2 PM. If interested, contact Jennifer House or Gary Hagen (see membership directory) The Santa Clara Senior Center is on the corner of Fremont St. and Monroe St. in downtown Santa Clara - near Santa Clara University.

Specimen Handling Etiquette

by Rock Currier (with permission from the author)
via the Collecting Bag, November 2007

As a young collector, I was kindly given a lecture on how to handle specimens by an old collector, and I took it to heart. It has stood me in good stead, and I, in turn, pass it on to you.

The best way to learn about mineral specimens is to handle them and look at them closely from a variety of angles. Without this kind of activity, many of the things you read about minerals in a book will not seem real and will be difficult to remember. But no matter how wealthy you are, the fact will always remain that most of the mineral specimens in the world will belong to other people. So if you want the privilege of handling these specimens freely, you must gain the confidence of the owners of these specimens and show them you know how to handle them properly.

Almost all collectors are glad to show other collections their collections, and some of them will tell you far more about their collections than you really want to know. Most collectors, if approached in an intelligent fashion, will be only too happy to open their house and collections to you.

So there you are in front of a specimen cabinet or leaning over a drawer of specimens. What do you do? Do you reach out and pick up the most colorful specimen? You had better not, unless you first find out how your host feels about other people handling his specimens. A lot of how he feels about your handling his specimens depends on how knowledgeable he feels you are. If he feels you couldn't sight identify 50 species on a good day, he is going to be reluctant to let you handle any of his specimens. If you look closely at an exquisite blue furry mineral, make no effort to

Article continued on page 13

touch, and comment, "This is one of the best Grandview cyanotrichites I have ever seen." you will at one stroke show him you: (1) know a good specimen when you see one (providing, of course, it is a cyanotrichite you have identified and is indeed a good one), (2) know more than just enough to discern the correct locality by knowing the sometimes subtle but positively identifying characteristics of specimens from the particular locality, (3) by not picking it up also know enough about specimens to know how incredibly delicate cyanotrichite can be, and (4) paid a compliment to his good taste.

Possibly next to the cyanotrichite is an incredible, drool-provoking azurite rose from Bisbee, Arizona, that you would murder your grandmother for, which you would like to fondle for a minute or two, even if you could never hope to own anything so fine. The correct procedure is to say something like, "That is a wonderful Bisbee azurite; may I look at it?" The answer will almost certainly be "yes," unless you have already made some social or mineralogical blunder. So when you have permission, you should wait a moment to see if the collector is going to pick it up and hand it to you or not. If he makes no move in that direction, you may assume that you now have permission to actually pick up the specimen. Before you actually pick up the specimen, note carefully just how the specimen is sitting on the shelf or lying in the drawer.

Be careful how you pick up the specimen. If it is a specimen, pick it up carefully with your thumb and forefinger. If it is larger than, say, an apple, use both hands. If you have picked it up with your thumb and forefinger, as soon as possible place the cupped palm of your other hand under the specimen. This gives the collector the warm and comfortable feeling that should the specimen slip from your fingers that it will drop no further than an inch or so into the palm of your other hand rather than onto the floor or, even worse, onto the specimens in the drawer where damage to more than one specimen is likely to occur. When you have finished looking at the specimen, return it carefully to the exact spot from which it came.

It is a good idea, but not absolutely necessary, to remove any rings you may be wearing on your fingers. I have seen collectors heft a specimen in their hand to get a feeling for the density of the mineral while wearing a ring, and with each heft, the specimens will go clank, clank against a ring. It does not leave a good feeling in the mind of the collector to whom the specimen belongs. In a few instances, I have seen collectors wearing bolo ties or regular ties bend over some specimens to look at them and seen the weighted metal tips of the bolo tie or the end of the tie hit the specimens. It would be very unusual for the end of a regular tie to damage a specimen, but the weighed metal ends of a bolo tie will almost certainly cause damage.

Why is it even necessary to point out the above which with time seems obvious and even second nature? Well, it has to do with the nature of humans and their innate desire to experi-

ence new things. To the average man or woman on the street, a fine mineral specimen is just like a fire to a young child who has never seen one. The instinct is to reach out and directly experience a beautiful facet of reality that is new. I saw once a 70-year-old lady encountering a fine acicular ulexite specimen for the first time and watching as her universe narrowed down to just her vision of the specimen, her hand reaching out to touch, and the specimen which would certainly be damaged if she succeeded. I really had to yell at her to get her to stop, since a less forceful request was ignored.

Thanks to Mike Hatskell and Mitch Portnoy for suggesting and arranging this reprint.

Finding Rock Hunting Maps on the Internet

by Glen Miller, via CFMS Newsletter 2/08

Here are some tips for locating free online maps (primarily USA). The good news is that there is a federal program that publishes digital products online that will provide complete national coverage. The bad news is that it is a federal program, subject to manpower and funding constraints, but it is a very good start. The Internet is a source for many maps of other countries. I have viewed geological maps of Oman and even the Moon and Mars online.

Geological and Geophysical Maps - Finding The Map you need: Traditionally, one went to a state bookstore to purchase a paper map, hoping it was still in print. The trend today is to publish them online with free access! Tennessee will no longer be printing maps in advance. Maps that aren't online can be purchased for \$20 a map, printed straight from a digital file.

"About.com" = the quick and easy solution for links to state geological maps. **About.com** pre-searches and assembles all types and classes of information. If you go to their Geology or Maps sections and poke around, there are pages for *state geological maps* and *state geological organizations*. There is also <geology.com> with similar sources. They also list state authorities and links to their websites. Once in those websites, you may frequently find a free downloadable map for the local area you are looking for. The USGS has taken great steps to centralize the search for geological maps.

Member Classified Ads

In December 2007, the SCVGMS board voted to allow non-commercial classified advertisements in the Breccia. The rules are as follows: One advertisement per household per quarter year, 40 words maximum, must be lapidary or rock related. Advertisements will be run as room permits (at the editor's discretion).

Diamond Pacific Pixie for sale. Low hours, very good condition. With extra polishing pads. \$700 B/O Call Matt at (408) 744-9402 or email Matthew_wood@comcast.net

Four Barrel Tumbler with grit for sale. \$50.00 or B/O. Email Randy at Randysparky234@netscape.net or call him at (831) 438-5150.

Field Guide to the San Andreas Fault See and Touch the World's Most Famous Fault.

via The Tumble Rumble, January 2007

Hello geology friends - If you are interested in the San Andreas Fault, then you might like to know about my new book. It's a driving/hiking/biking/ camping guide to the fault with over 1000 miles of annotated road logs, GPS coordinates for hundreds of fault features and locations, and has over a hundred color pictures and illustrations. In the Appendix, I have listed the fault's lat/long all the way from Cape Mendocino to the Mexican border. Best of all, the book is spiral bound and lies flat for easy reading in a car. No four wheel drive needed, either, so the fault is accessible to anyone. The reviews are terrific. You can learn more by visiting <http://www.thulescientific.com>.

Best Regards,
David K. Lynch, PhD (310) 455-3335

Rocky Five

Owner Frank Mullaney,
SCVGMS member
(408) 266-1791 or (408) 691-2656

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Peregrine Rocks and Trading Post

Owners- Dean and Karen Welder
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<http://www.peregrine-rocks.com>

Great deals on Estwing Hammers
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**SANTA CLARA VALLEY GEM and MINERAL SOCIETY
GENERAL MEETING MINUTES
February 26th 2008**

President Randy Harris called the meeting to order at 7:45 PM at the Belwood Cabana Club in Los Gatos. Members and guests were welcomed . A potluck dinner was enjoyed by members and guests from 6:30 to 7:45 pm. Minutes were approved as printed in the Breccia. The board meeting will be at Randy Harris's home February 28th, 7:30 pm.

CORRESPONDENCE: Letters from: Thank you note from the Surrell's, field trip seminar notice, two CO-Op field trip notices, four club show/sale notices, William Norton Family news letter.

NEW MEMBERS: Sonia Dyer and Bill Spence were presented with their membership packages and welcomed to the club.

SCHOLARSHIP: Our scholarship recipients Morgan Mendoza and Kristi Black gave a brief talk about their studies and carrier interests, Morgan would like to teach Geology after she graduates and Kristi would like to practice environmental law. They will both be working at the club show in April.

GIRL SCOUTS: Jessica Kernan gave a talk on earning her Gold Award. She will be running a mineral identification booth at the show, help is needed to man the booth.

SUNSHINE REPORT: See details in the Breccia.

HOSPITALITY: There were 49 members and 7 guests in attendance tonight.

STUDY GROUPS: See details in the Breccia for all groups .Contact the group leader for info and time.

PLAC: See details in the Breccia.

FEDERATION: See details in the Breccia.

SHOW: Marc Mullaney gave a status report and passed around show work sign up sheets.

MEMBER DISPLAY: See Breccia.

FIELD TRIPS: See details in the Breccia. The trip to Morgan Hill has been cancelled. E-mail Dean Welder for any info. The TV show Cash and Treasures will be featuring the Benitoite Mine in a future program.

PROGRAM: Quartzite area mineral collecting and video by Rick Kennedy and friends. We need a program chairman for the rest of the year.

Meeting adjourned at 9:20 PM.

Respectfully submitted,
John Eichhorn, Secretary

**Santa Clara Valley Gem and Mineral Society
Board Meeting Minutes
February 28th 2008**

President Randy Harris called the meeting to order at 7:45 PM at the home of Randy Harris on February 28th. All board members were present except, Rick Kennedy, Frank Mullaney, and RK Owen. M/S/P to approve the minutes of the January 24th board meeting.

Correspondence: Letters from: Checks for the Treasurer, Diamond Dan Publications ad, Lassen G& M Society, Empire Broadcasting, Peninsula G & G Society, Quality Storage bill.

New Members: M/s/p to accept Herb and Donna Garland as new members.

Treasurer's Report: M/s/p to return the CD to the checking account. M/s/p to pay next years trailer storage bill of \$1560. M/s/p to pay \$15.00 video bill.

Committee Reports:

Show: sign ups for show jobs are needed. Frank Monez needs a copy of the set up agenda. Mark Mullaney will contact the banner coordinator.

Unfinished Business: The board reviewed a letter from Gail Matthews regarding the Stonedawgs group.The board recommends that someone is needed to run the Juniors program, that a proposal be submitted by Gail Matthews explaining how she would like the Stonedawgs to be organized, and the board be notified with a proposal by e-mail prior

to any continued discussion of the group. M/s/p to table the discussion until the committee returns with a proposal.

M/s/p to have Mark Mullaney and Chris Cherry come up with suggestions and e-mail the board regarding a digital projector.

Gail Matthews will e-mail club members regarding the All American Award. Discussion on the need for a Programs chairman and programs for the rest of the year.

New Business: None.

M/S/P to adjourn at 9:10 pm.

Everyone enjoyed refreshments after the meeting.

Respectfully submitted,

Santa Clara Valley Gem and Mineral Society
Treasurer's Report
February 24, 2008

Beginning Balance		\$12,867.95
Receipts		
Dealer Fees	\$1,335.00	
Breccia Advertising	\$ 150.00	
Kids Area	\$ 945.00	
Special Raffle	\$ 85.00	
<u>Interest</u>	<u>\$ 1.15</u>	
Total Receipts	\$2,516.15	
Disbursements		
California State Mining & Mineral Museum	\$ 143.00	
CFMS Dues and Insurance	\$1,072.50	
Treasurer's Briefcase	\$ 41.37	
Findings for Scholarship booth	\$ 409.71	
Findings for Scholarship booth	\$ 33.80	
Radio Advertising	\$3,495.00	
Tumbled Stones	\$ 635.97	
Patches for Kids Area	\$ 597.24	
Tires for storage trailers	\$1,101.67	
Tax Collector	\$ 89.79	
Lucky Dip	\$ 234.63	
<u>Checks</u>	<u>\$ 74.75</u>	
Total Disbursements	\$7,929.43	
Ending Balance		\$7,454.67