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Meeting is at 7:30 PM. Please mark your calendars.

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Pam Harris
Luree Heese
Bonnie Heitz
Marlow & Ophelia Hicks
Mary Hicks
Loren & Lynne Hill
Gene Holcomb
Jane Holcomb
Dan Howlett

CCM&GS January 6th Board of Directors Meeting

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Glenn Hubbard recently had a triple by-pass heart surgery and is doing well. Sharon Neuhauser is recovering from knee replacement surgery.

Sherb Brown, our Sergeant-of-Arms collected 25¢ from each club member not wearing their name badge.

Hospitality Chair, Naomi Morgan pulled the door prize raffle tickets. Heinz Dreier won the guest door prize, Ann Matthews won the member door prize. We had 5 guests visiting with us this month.

Bonnie Eichler, Newsletter Editor, is collecting email address for those members who would like to receive their newsletter via email. This would be a great cost saving to the club if members would be willing to get their newsletters electronically.

Rana Owen, Education Chair, is getting this year's classes organized. For February (16), Mary Hicks will teach the Chinese double-X knot jewelry. The next "Bead-In" will be on Feb. 29 at Joanne Caskey's house. Read the newsletter for more details.

Mary Jernigan, Publicity Chair, will have club pamphlets for distribution. If you know of places where we can display our club's informational pamphlet, pleas let Mary know.

Sam Woosley, Show Chair gave awards out to some of the many people who helped at last year's show. Those honored included: Mary Hick, Connie Klein, Therese Clark, Mary Jernigan, Rana Owen-Miller, Ann & Matt Mathews, Hazel Woolsey, and David Kleesattel.

Don Thompson asked that if any member knows of scrimshaw material or tools available, Don would like to know (he's starting a new hobby).

Please read your newsletter for upcoming field trips and show announcements.

Harry Nichandros introduced our guest speaker Heinz Dreier who presented a wonderful talk of a recent rockhounding trip of his to New Mexico. Heinz had great slides and gave a lot of good information about rock collecting in New Mexico. He also brought many samples of the material he collected for display and discussion.

Therese Clark and Harry Nichandros are interested in finding somebody who could lead a field trip for very young (4, 5, and 6 year olds) students. If you are interested, please contact Harry or Therese.

The meeting was adjourned at about 9:00 pm for refreshments and socializing.

David Kleesattel, Secretary



Glen Mackensie at our 2007 show.

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February Birthdays

Cathie Sheldon		2/5
Charlotte Bocha		2/9
Bill Stringert	2/9	22
Maxine Cameron	/	2/10
Sabrina Mayberry	2/15	
Vivian Kuhl	2/22	1
Jeanie Russo	2/27	



February Anniversaries

June & John Rosploch

2/26

Membership Report

No new members this month, but we did send several applications to interested people. So stand by for new member announcement next month.

URGENT! If you haven't paid your 2008 Membership Dues, you are VERY late and may be dropped from the CCM&GS membership. If you haven't paid your 2008 dues, please call Kim Kleesattel at 925-708-8240, this is your last chance.

The update Membership Roster will be prepared in February and sent out in March. If you need any of your contact information updated, please contact Kim Kleesattel. I still have plenty of the new Contra Costa Mineral & Gem Society patches and pins. I will have those available for purchase at the monthly meetings. Please see me if you are interested in patches and pins. Plus we still have lots of "Rockhound" decals too.

Kim Kleesattel, Membership Chair





This Month's Birthstone - AMETHYST

(The following information is taken from "Wikipedia" on the Internet)

Amethyst is a purple variety of quartz often used as an ornament. The name comes from the Greek a ("not") and methustos ("to intoxicate"), a reference to the belief that the stone protected its owner from drunkenness; the ancient Greeks and Romans wore amethyst and made drinking vessels of it in the belief that it would prevent intoxication.

Amethyst occurs in a continuum of primary hues from a light slightly pinkish violet to a deep grape purple. Amethyst may exhibit one or both secondary hues, red and/or blue. The ideal grade is called "Deep Siberian" and has a primary purple hue of around 75 - 80 percent, 15-20 percent blue and (depending on the light source) red secondary hues.

In the 20th century, the color of amethyst was attributed to the presence of manganese. However, since it is capable of being greatly

altered and even discharged by heat, the color was believed by some authorities to be from an organic source. Ferric thiocyanate was suggested, and sulfur was said to have been detected in the mineral.

More recent work has shown that amethyst's coloration is due to ferric iron impurities Further study has shown a complex interplay of iron and aluminium is responsible for the color. On exposure to heat, amethyst generally becomes yellow, and much of the citrine, cairngorm, or yellow quartz of jewelry is said to be merely "burnt amethyst."

Synthetic amethyst is made to imitate the best quality amethyst. Its chemical and physical properties are so similar to that of natural amethyst that it cannot be differentiated with absolute certainty without advanced gemological testing which is often cost prohibitive.

General Properties

Chemical formula: silica (silicon dioxide, SiO2); crystal habit: 6-sided prism ending in 6-sided pyramid; crystal system: rhombohedral; cleavage: none; fracture: conchoidal; Mohs Scale hardness: 7 - lower in impure varieties. Because it has a hardness of 7 on the Mohs scale, amethyst is treasured for its use in jewelry. Luster: vitreous/glossy

Geographic Distribution

It is a widely distributed mineral, but fine, clear specimens that are suitable for cutting as ornamental stones are confined comparatively few localities. Such crystals occur either in the cavities of mineral-veins and in granitic rocks, or as a lining in agate geodes. A huge geode, or "amethyst-grotto," from near Santa Cruz in southern Brazil was exhibited at the Düsseldorf, Germany Exhibition of 1902. Many of the hollow agates of Brazil and Uruguay contain a crop of amethyst crystals in the interior. Much fine

amethyst comes from Russia, especially from near Mursinka in the Ekaterinburg district, where it occurs in drusy cavities in granitic rocks. Many localities in India yield amethyst. It is produced in abundance from the state of Minas Gerais in Brazil where it occurs in large geodes within volcanic rocks. It is also found and mined in South Korea. The largest opencast amethyst vein in the world is in Maissau, Lower Austria.

Amethyst occurs at many localities in the United States, but these specimens are rarely fine enough for use in jewelry. Among these may be mentioned Amethyst Mountain, Texas; Yellowstone National Park; Delaware County, Pennsylvania; Haywood County, North Carolina; Deer Hill and Stow, Maine. It is found also in the Lake Superior region. Amethyst is relatively common in northwestern Ontario, and in various locations throughout Nova Scotia.

Value

Traditionally included as among the most valuable gemstones (along with diamond, sapphire, ruby, and emerald), amethyst has lost much of its value due to the discovery of extensive deposits in locations such as Brazil. The highest grade Amethyst (called "Deep Russian") is exceptionally rare and therefore its value is dependent on the demand of collectors when one is found. However, its value is much lower than the highest grade sapphires or rubies (Padparadscha Sapphire or "Pigeon Blood" Ruby) which can go for as much as \$50,000 or more per carat.

Amethyst such as the "Russian" quality (bluish purple key color) and such as material recently found in Georgia since 2005 (with some of the stones showing both blue hue and red flashes) and of which its top material is considered of the best quality presently available still commands prices of not more than \$50 per carat.

Interesting Facts & Information

- In the USA it is known as the birthstone for February
- It is the gemstone for the 1st wedding anniversary (no longer paper!)

(The following information is taken from "The Healing Properties of Gemstones")

- Amethyst is known as a spiritual stone and is used for general healing and for meditation.
- It is said that sleeping with a piece of amethyst beneath one's pillow promotes intuitive dreams and inspired thought.
- Many healers also consider it useful in the relief of insomnia and to bring serenity in times of grief.
- The amethyst clears, purifies and helps with any addictions or stress or tension.
- Amethyst protects against blood disease, toxic effects of substance use, acne, neuralgia and fits.
- Amethyst soothes and calms the mind, raises the spirit, rebalances and increases intuitive awareness, protects from negative vibrations.
- It is a very good idea to have an Amethyst cluster in your room because of the cleansing and energizing properties associated with it.
- Ranking members of the Roman Catholic Church traditionally wear rings set with a large amethyst as part of their office.

Gemstone Jewelry Care

Here are a few things you can do to help your gemstones maintain their color and clarity:

- Store your gemstones in soft cloth pouches to prevent them from chipping
- Clean your gemstones regularly in soap and water. Let your gemstones air dry then polish them with a soft cloth
- Clean your gemstones. Brush them with a worn toothbrush

Submitted by J Caskey

Future Meeting Program Calendar

Program Chairman's Note: Presented are the next three months of scheduled events. Due to the change in meeting date, programs may be canceled and must be considered tentative. Please refer to my article "CCM&GS Programs – And a look ahead" (from the January newsletter). – Harry

February, 2008: Geology and Poetry - the Russian Connection. Dr. Paul Belasky, Ohlone College, investigates modern Russian poetry by the school of geology in St. Petersburg. Such poems and songs embodied ideas that changed attitudes and helped open Soviet society. Live recordings.

March, 2008: The idea that changed the world -Plate Tectonics by Tonya Atwater, University of California, Santa Barbara. Seventeen dives to the deep-sea thermal vents; the cutting edge of science; published author. A wealth of experience. Enchanting ideas. Brilliantly expressive. Don't miss this opportunity!

April, 2008: Ancient Plants and Fossils - Identification and Discovery by Ed Rigel, CCM&GS show exhibitor and co-owner of Applegate Lapidary in Volcano, CA

Harry Nichandros - VP, Programs

Field Trip Calendar

March 8. Morgan Hill, CA. To collect Poppy Jasper. Hosted by Santa Cruz and Santa Clara Valley Gem & Mineral Societies.

April 5. Lovelock, NV. To collect fossils and petrified wood. Hosted by Fossils for Fun Society.

April 19 (Rain date May 17). Stonyford, CA. To collect solid orbicular jasper. Hosted by Sutter Buttes Gem & Mineral Society.

April 26. Pulga, CA (North of Oroville). To collect Idocrase (Pulga Jade). Hosted by Paradise Gem & Mineral Society.

For more information about these trips contact Dennis Freiburger.

During most of January and early February I will not always be available for telephone calls or E-mail communications. If I do not respond fast enough, then please contact **Harry Nichandros**. Harry has volunteered to act as the Assistant Field Trip Chairman in my absence.

Various Shows & Events

February 23, 24. Antioch, CA. Antioch Lapidary Club Show. Contra Costa County Fairgrounds.

February 29 – March 2. Hayward, CA. Mineral & Gem Society of Castro Valley Show. Centennial Hall, 22292 Foothill Boulevard.

March 1, 2. Arcadia, CA. Monrovia Rockhounds Show. Los Angeles Arboretum, Ayers Hall, 301 N. Baldwin Avenue.

March 1, 2. Ventura, CA. Ventura Gem & Mineral Society Show. Seaside Park, Ventura County Fairgrounds, 10 W. Harbor Boulevard.

March 8, 9. Spreckels, CA. (Near Salinas)
Salinas Valley Rock & Gem Club Show.
Spreckels Veterans Hall, 5th Street and Llano
Street.

March 8, 9. Turlock, CA. Mother Lode Mineral Society Show. Stanislaus County Fair Grounds, 900 N. Broadway.

March 22, 23. Angles Camp, CA. Angles Calaveras Gem & Mineral Society Show.
Calaveras Fairgrounds.

March 22, 23. Roseville, CA. Roseville Rock Rollers Show. Placer County Fairgrounds, 800 All America City Boulevard. (Off Washington Avenue).

More listings at Rock and Gem Magazine website: www.rockngem.com/showdates

Dennis Freiburger, Field Trip Chairman



Education Report Bead Buddies Calendar



Hi Everyone,

I am excited to announce the following classes already scheduled for 2008:

- February 16, from 1:00 p.m. to 4:00 p.m. Chinese Double-Knot at Mary Hick's house. May 17, from 10:00 a.m. to 4 p.m., Precious Metal Clay (PMC or equivalent) with Jeannie Russo.
- June 21, from 1:00 p.m. to 3:00 p.m., Pony Bead Necklace at Mary's place.

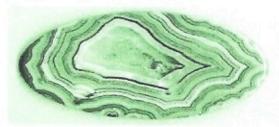
There are other classes already scheduled for later this year. I will announce them in the next Newsletter.

I also need help. If anyone has any classes they can teach in March and April, please contact me as soon as possible to schedule them!

Our monthly Bead-In recommences on Friday, February 29, at 6:00 p.m. at Joann Caskey's home.

I will have sign-up sheets for all the above at the next meeting.

Best Wishes, Rana Miller-Owen, Education



Display Report

Novice: No entry

Pro: 3 Entries

- A Blue Tiger Eye -Barrie Bieler
- B Black Rock Agate Dave Kleesattel
- D Montana Agate Joe Yarbrough (Winner)

Faceted:

I - Smokey Quartz - Barrie Bieler

Shape of the Month:

- A Verisite Barrie Bieler (Tie)
- C Oregon Geode Agate Joe Yarbrough (Tie)
- B Mariposite Dave Kleesattel

Shape of the Month for February will be a Heart.

Items of Interest:

Lyle Roessler displayed a beautiful polished pink and green stone he identified as "Lapis Nevada", containing Thulite and several other minerals.

Joe Yarbrough showed a picture taken in 1993 in the El Paso Mts. of California, of him and Bob Pevahouse standing beside a rock showing petrogliffs.

Don't forget to view the competitions and VOTE!!!

Joe Yarbrough, for Display Chair Terry Caskey

2008 Shape of the Month

January Any shape February Heart shape March Oval April Round

May Pear (Teardrop)

June Triangle (Three acute angles)
July Freeform (No symmetry)
August Rectangle (Or square)
September Marquis (Cat eye)
October No competition (Augtion picts)

October No competition (Auction night)
November Any shape

December No competition (Christmas

party)

In addition to the competition, please bring any rock or jewel related items, including

photos, to share with every one.

Terry Caskey - Display Chair

North Bay Field Trips NBFT Spring Meeting Saturday, March 15, 2008

Location:

Community Presbyterian

Church

200 East Leland Road

Pittsburg, CA

Hosted by the Contra Costa Mineral and Gem Society

Schedule:

8:30 – 9:30 Registration /Social with donuts and coffee

9:30 – 12:00 Business Meeting 12:00 – 1:00 Potluck Lunch

1:00 - 2:30 Black Diamond Mine

Presentation

1:30 - 3:00 Conclude Business Meeting

This is a centrally located meeting site that is convenient for al NBFT clubs. Please bring material for the silent auction: rocks and specimens from past field trips, rock related "white elephants" (old books, findings, etc.), lapidary/jewelry items, and the like. Bring food to share (hot dish, cold dish, salad or dessert) for the potluck. Also, bring your own plate and eating utensils. This meeting is not just for field trip chairmen and leaders, so be sure to invite all of your club members who are interested in field trips, collecting and getting great buys on rocks and specimens.

This is our planning and scheduling meeting for 2008 NBFT field trips. Each NBFT club is expected to host a shared field trip or related activity each year. Start your planning now so that your club will have a field trip or event to share this year.

Bob Kanagaki, Naturalist at Blank Diamond Mines Regional Preserve will give a presentation on the coal and sand mines. Learn about the history of these mine, the geology and mining techniques.

MINIES

Directions: Take Hwy 4 to Pittsburg. Exit on to Railroad Ave. Go south on Railroad to Leland Rd., approximately ½ miles. Turn left (east) and go ¼ mile, then turn right into church parking lot. Easiest access is from south side of church.

By Richard Pankey, Inter - Regional Field Trips

The Costa M&GS will host the North Bay Field Trips Spring Meeting on Saturday, March 15th. Registration, with coffee and doughnuts begins at 8:30 AM and the meeting starts at 9:30. There are 20 clubs in NBFT that work together to arrange and share field trips and other activities. The spring meeting is very important. We have had many fine field trips this past year through the combined

efforts and cooperation of NBFT and COOP. This business meeting is where we plan and announce future trips and events, report on past trips, hold a silent action, and generally have a great time meeting and talking with other rockhounds. All club members who are interested in field trips and rockhounding are invited and encouraged to attend. See the announcement flier for this meeting in this issue of the Diggins' for details and directions.

All club members who are interested in field trips are encouraged to attend NBFT meetings and to join in the fun and be active in NBFT events. We have interesting meetings with fine programs that should appeal to all members. This year speaker is Bob Kanasaki, Naturalist at Black Diamond Mines Regional Park. It is a great place to socialize with other rockhound friends, enjoy a fine potluck lunch and best of all hear about field trips to come and reports on field trips just taken. At each meeting we have a great silent auction of rocks, minerals, specimens, slab, petrified wood, and much, much more!!

Since we are hosting this meeting we will need help from our members to set up for the meeting, and take down and clean up after the meeting. We will also need help in the kitchen with the coffee and donuts and with the potluck lunch. If you can help please arrive at 8:00 AM for set up. The more help we have the easier and faster it goes. Please give me a call or an e-mail to let me know that you will be there to help.

I have always looked forward to and enjoyed the NBFT meetings. Join us at the NBFT Spring Meeting on Saturday, March 15th.

Crafty Corner

Need a handy idea for those old worn out How about making simple rock collecting bags by cutting off a pair of worn out jeans or pants at the thigh area but make sure no holes in the knees. Sew up the bottom of the pants at the narrow end. No need to sew the wider end tops for you will tie that end up with a rope or string. Fill the legs with small rocks when you are out collecting. Bring home a leg for you and give Hazel, our "bag lady", the extra filled up leg for the grab bags. As you know we sold out early of the 350 grab bags for sale at the last show. Besides that Hazel had an order for 19 more. Also, if you are at a garage sale or other place and see yard goods on sale at a reasonable price and you think it will make good grab bags, buy some and donate it. Hazel will cut them out and Sam and I will stitch them up. Sam also has a rock crusher if you would like to donate a larger rock for the grab bags.

And while you are out collecting rocks, be thinking of a display you would like to exhibit at the 2008 show.

Ann Matthews



From Geologem 10/69 via MWF Newsletter 3/01 via T-Town Rockhound 5/01

CFMS Field Trips – North Seminar

(From the January CFMS Newsletter)

Knowing Where You Are/Checking Land Status

By Dick Pankey, Contra Costa M&GS

Date: Saturday, April 12, 2008

Location: Community Presbyterian Church

200 East Leland Road Pittsburg, CA 94565

Hosted by: the Contra Costa Mineral and Gem Society

Schedule:

8:30 – 9:00 Registration and coffee 9:00 – 12:00 Seminar presentations

12:00 - 1:00 Lunch

1:00 - 3:00 Conclude Seminar presentations

Cost: Cost of the seminar is \$5.00, which includes coffee, and lunch of Hot Dogs with all of the trimmings, Chips and a Beverage.

Three presenters are scheduled to speak:

- ➤ Dave Muster will talk about 1.) Types of Land; 2.) Using Visuals and Compasses; 3.) Finding Markers; and 4.) Finding Townships, Section and Range.
- Dennis Freiburger will talk about Practical GPS and Digital Maps – A userfriendly approach to using the Global Positioning System.
- Dick Pankey will talk about Personal Responsibility on Field Trips.

The purpose of knowing where you are is two-fold. All field trip leaders and collectors need to know where they are, where they should not be and where they want to be. This seminar addresses what you need to know about determining land status, choosing and reading maps, GPS and other tools. This seminar is for field trip leaders, and all rockhounds that enjoy collecting; all members and guests are welcome.

Please reserve your place at this seminar by notifying Dick Pankey at dickpankey@juno.com, no later than April 7th.

Directions: Take Hwy 4 to Pittsburg. Exit on to Railroad Ave. Go south on Railroad to Leland Rd., approximately ½ miles. Turn left and go ¼ mile, then turn right into church parking lot. Proceed past the church and turn left. Park and follow orange signs to Social Hall. Easiest access is from south side of church.

ROCK HOUND RECEIPES

Chile Rellano Breakfast Grub

Tortilla chips

1 1/2 Cups Grated cheddar cheese

1 1/2 Cups Grated pepper jack cheese

5 Large eggs

1/4 Cup Flour

1 1/2 Cup Milk

1 4oz. Can Diced green chiles

1/4 Cup Sliced black olives

Salsa

Preheat oven to 375 degrees.

Spread tortilla chips over bottom of greased 9"x13" pan. Mix cheeses and spread over chips. Blend eggs, flour, milk, and green chiles; pour over cheeses. Arrange sliced olives over the top, and drizzle salsa or picante sauce over the top of that. Bake 40 minutes or until the center is set. Serve hot with more salsa, sour cream, and warm buttered tortillas.

Submitted by J Caskey

Green Enchiladas

This is a "family favorite" recipe that has been cooked and enjoyed by 5 generations in my family! I'm not sure where my Great Grandma (now 97 years old!) obtained the recipe, but I have tweaked it a little bit to reduce the fat.

1 lb lean ground beef

1/4 tsp minced garlic

3/4 c evaporated milk

1 small can chopped green chilies

1 pkg green onion dip mix

1 tsp kosher salt

1 can Healthy Request Creamed Chicken Soup

1/2 lb Light Velveeta Cheese, grated

1 small jar chopped pimentos

1 c chopped onions

1 doz corn tortillas

1/2 lb Cheddar Cheese, grated

Add salt and garlic to beef and brown lightly. Heat soup, milk, Velveeta Cheese in top of a double boiler until cheese is melted. Add green chilies, onion dip mix and pimentos to soup mixture. Stir and remove from heat. Add Cheddar Cheese and chopped onions to meat and mix well. Soften tortillas by steaming. (Can warm tortillas in microwave for a few seconds with wet paper towels) Fill each tortilla with meat, roll lightly and place in a 8x12 inch baking dish. Pour cheese sauce over top of tortillas. Cover with aluminum foil. Bake at 350 degrees for 30 minutes. Serves 6-8 people.

Submitted by Bonnie Eichler

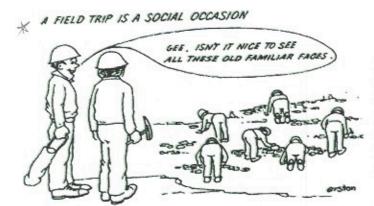
Treasurer's Notes

Your soon to be active Treasurer, Barbara (Bobi) Brown here, letting you know that things are moving alone in the transition of the bookkeeping and the receiving and dispensing of monies. I will be able to do all by our next meeting; so you are welcome to approach me with your respective financial transactions.

Our 2007 audit is planned to take place on Feb. 2, 2008. Connie, Mary and I are confident this will go very smoothly.

"Dollar" and I are very excited about the New Year and all of the new things that are happening in the club: new meeting place, new day of the week and new members. We are off to a New Start.

Barbara (Bobi) Brown, Treasurer



-Cartoon by Erston Barnhart in Are We Having Fun Yet? A Irreverent but Affectionate Look at Rockhounds

via Golden Spike News 11/0

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Contra Costa Mineral and Gem Society PO Box 4667, Walnut Creek, CA 94596

General Meeting: Second Monday of the month at 7.30 p.m., except First Monday in June

Centre Concord, 5298 Clayton Rd, Concord, Tel: 925-671-3466 (Clayton Fair Shopping Center, about 0.2 miles on Clayton from Ygnacio Valley Road)

Cross street is Balhan Drive, next to Clayton Valley Bowl, Free Parking,

Membership Fees: Initiation \$5; Regular Member \$10, Associate \$5, Junior \$1

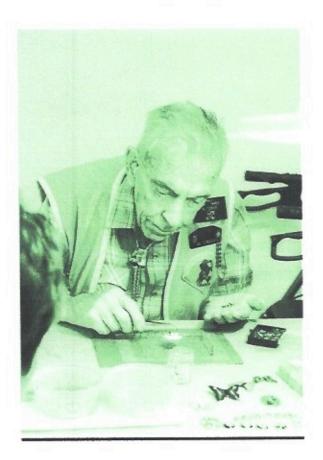
VISITORS ARE WELCOME! BRING A FRIEND!

Board and Committee Members - 2008

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1 ST V.P. Programs 2 ND V.P. Field Trips Secretary/Past Pres. Treasurer Publicity Federation Director Property/Show Chair Historian	Harry Nichandros Dennis Freiburger David Kleesattel Barbara Brown Mary Jernigan Dick Pankey Sam Woolsey Hazel Woolsey	Nichandros@juno.com dennisfrei@aol.com daveklees@aol.com bbag@chevron.com m10jernigan@yahoo.com dickpankey@juno.com sdwools@earthlink.net sdwools@earthlink.net	(925) 779-0698 (925) 674-7055 (925) 680-8936 (925) 798-8240 (925) 609-8460 (925) 429-2748 (925) 439-7509 (925) 837-3287 (925) 837-3287
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Ken Whitlatch, Steve Davis & Bill Stringert at our 2007 show.



Al Schleif demonstrating copper enameling.

*

Editor's Notes

There has been a few recent robberies in the parking lot at the Sun Valley Mall. Someone is driving by females and taking their purses and driving off with them, without even getting out of their car! (Only description given is a male in a dark colored SUV.) In another incident a male subject stole a cell phone out of a 12 year old girl's pocket while she was standing next to her mother's car outside of a store.

"Lt. Andrew Gartner (of the Concord police) said people can avoid becoming a victim by walking purposefully and staying aware of the surroundings. He recommended carrying purses on the shoulder opposite from through traffic to thwart drive-by snatchings."

(This information & statement was taken from The Contra Costa Times 1/23/08)

Please keep safe! Bonnie Eichler, Editor

E-mail articles and reports to Bonnie at

BonnieE1969@sbcglobal.net

Remember the deadline is the 20th of each month.

California Federation of Mineralogical Societies Newsletter can be read at http://www.cfmsinc.org/ 水

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PO Box 4667, Walnut Creek, CA 94596

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Librarian	OPEN		(version 1/2008)