



# Ore-Cutts

Volume XLVIV Number 9

September 2012

.Please join us on September 11, 2012 at 7:00 pm at the Luis Oasis Senior Center, 420 Soares Ave. in Old Orcutt for a **program by Ralph Bishop**. The subject is a surprise, but Ralph's programs are always interesting!

• **The Display is *Fossils***, but as always you are welcome to bring any rocks/minerals that you would like to share. (Remember, those who display receive an extra door prize ticket.)

• **The refreshments will be *Pies*** brought to us by Jeannie Lingerfelt, Sandy Berthelot, Jan Ferguson & Wayne Mills.

## Sunshine

Jan Ferguson and Jeannie Brown and Debbie Hood have all been having some joint problems. Otherwise, everybody seems to have been staying well.

## The Prez Box

By Debbie Hood

Another successful Gem Show by the Orcutt Mineral Society! Those who contributed to various jobs can really pat themselves on the back for a job well done! The new venue worked very well for us overall. There were a few glitches, such as the vender whose vehicle wouldn't fit in his space due to the presence of a large tree...but a quick switch to another space worked the problem out. The BBQ tickets did not sell as well as usual, maybe because the smoke was not blowing over the vender spaces and making everyone hungry! Also the Snack Bar worked out pretty well, but we need more signs dirrecting folks back to it.

This show would not be possible without the untiring work that Wes Lingerfelt put into planning, set up, troubleshooting and cleanup afterward. He is such a key figure I am sure I don't know what we would do without his help-we probably need *Key Man Insurance*, as it will take 5 or 6 people to do all the work he does!



Kudos, *really BIG Kudos*, go to Margaret Henson for her work doing the Snack Bar this year, and to everybody who helped her in the kitchen! It is a big job and a very important one...it makes us a lot of money for the scholarships. Great job everybody!

I am sure there were many little things we need to correct for next year. Please come to the meeting prepared to talk about them and suggestions for what we could do to correct them.



## Birthdays & Anniversaries

Birthday greetings go out to those who are having birthdays in September: Bud Burgess, Dyana Cridelich, Peter Dettelis, Karen Dry, Joseph Martinez, & Marshall Reeves. Happy Birthday to all of you & many more! The Red Book shows no Members celebrating an anniversary in September.



## Rock Breakfast

August 25 there were 17 members at the Sunset Grill for breakfast. Sylvia & Don Nasholm were back from their family reunion; Jeannie Lingerfelt was showing her latest wirewrap project. Everyone enjoyed a great breakfast and good fellowship!

## BRC APPLAUDS LEGISLATION DESIGNATING CLEAR CREEK NATIONAL RECREATION AREA

Contact: Don Amador, BRC Western Representative

Phone: 925.625.6287 Email: brdon@sharetrails.org

Date: August 3, 2012

HOLLISTER, CA (August 3, 2012) -- The Blue-ribbon Coalition (BRC), a national trail-based recreation group, applauds legislation today introduced by Congressman Sam Farr that would designate a popular OHV site in central California as a National Recreation Area. This bill could help resolve the ongoing conflict between access interests and the BLM regarding the future of motorized and human powered recreation at the BLM's Clear Creek Management Area.

In 2008, the BLM issued a blanket closure of 70,000 acres to all users, even hikers, citing concerns about a public health risk due to naturally occurring asbestos. There has never been a documented case of injury despite decades of inhalation of the soils in question by humans in every conceivable activity. The BLM has been considering a highly restrictive management plan based on the alleged health concerns. California State Parks Off-Highway Motor Vehicle Recreation Commission, San Benito County, IERF scientists, OHV groups and at least one conservation group have questioned the science and BLM's analysis.

In October of that year, the San Benito County Board of Supervisors petitioned Congress to consider designating the unit as a National Recreation Area and reinstating responsible motorized and non-motorized use there.

Don Amador, Western Representative for the BRC, states, "Congressman Farr should be commended for this proactive legislation that emphasizes education and informed choice over heavy-handed closure regarding the purely theoretical public health risk that might occur through excessive use of the area."

The bill would allow recreational access to resume under the 2005 travel plan generated through formal agency study and public input. The bill would also designate an adjacent portion of qualifying land with full protection as Wilderness.

"This legislation could go a long way in helping restore good relations between the BLM, the County and recreationists. This is a carefully crafted win-win and we hope it gains the support of affected interests and politicians on all sides of the aisle," Amador concludes. See the San Benito County Resolution in support of a Congressional designation.

*The BluRibbon Coalition is a national recreation group that champions responsible recreation, and encourages individual environmental stewardship. With members in all 50 states, BRC is focused on building enthusiast involvement with organizational efforts through membership, outreach, education, and collaboration among recreationists. 1-800-BLUEIRB - <http://www.sharetrails.org>.*

## Sun Valley Indian School

This is what we are saving Campbell's Soup labels and Box tops For Education for, a van and other supplies for the school. Please save these labels and turn them into Wes Lingerfelt.



**286,319 labels submitted to Campbell's since acquiring the 2012 van. Thank you! (We will mail another large box of labels soon.)**

[www.eLabelsforEducation.com](http://www.eLabelsforEducation.com):

**Shop. Swipe. Earn.**

Sign-up online and every time you purchase a Labels for Education participating product using your Shopper card from participating retailers, you automatically earn 1 point our school can redeem.



**\$6,157.20 earned from Box Tops since 1/1/2012. Thank you again! (We will also mail a large amount of Box Tops soon!)**

**Gem treatment  
From Yahoo SoCalRocks**

Gem treatment is any human-controlled process that improves the look, durability or value of a gem. It is unfair or deceptive to fail to disclose that a gem has been treated.

**Heat Treatment:**

Heat treatment is the most common form and famous Gem enhancement. Common gems including Ruby, Sapphire, and Tanzanite, are routinely heat treated to improve color and/or clarity. Heat treatment can lighten, darken, deepen, or change a gems color; it depends on the temperature, rate of heating, duration, pressure, rate of cooling, and atmosphere to combining or not of chemicals (beryllium, borax, lead, and tantalum). One telltale sign of heat-treatment is the presence of small fractures or "decrepitation feather" within the stone that appear around natural mineral inclusions.

In fact, we always assume these stones have been heated unless they are certified otherwise or we can prove no heat treatment by careful gemological examination of the gems.

**Oiling:**

Gems may be oiled to enhance their appearance. Due to their formation process and geological history, virtually all emerald crystals develop characteristic feathers, fissures, and inclusions, sometimes referred to as "jardin."

Colorless oils or resins are used to fill these inclusions, improving the apparent clarity of the stone, also reduces fractures. Oiling treatment is not a permanent but generally accepted. Some requires re-treatment. Special care for oiled gems are repairing and cleaning.

**Irradiation:**

Irradiation treatments involve exposing the stone to electromagnetic rays or gamma rays to release electrons from their normal location, moving them to more desirable color-producing locations. Depending on the mineral to be treated, and the desired color alteration, alpha particles, beta particles, electrons, gamma particles, neutrons will be used in the irradiation process. Irradiation treatment uses a linear accelerator to expose the stone to high-energy electrons, a cyclotron for charged high-energy particles such as protons, or an electron-beam nuclear reactor to expose the stone to high energy neutrons.

Many gems were treated by irradiation such as quartz for a smoky brown to black color. Pink spodumene can be irradiated to produce the green variety, known as hiddenite, but it is not a stable color. Blue topaz is the most commercially produced irradiated gemstone in today's market. Natural blue topaz is pale but radiated material creates a deep blue, referred to as Electra Blue, Swiss Blue, and Max Blue, among other names. Irradiating topaz may produce a secondary yellow to brown color that is converted to blue with heat treatments. "Linear accelerator (linac) treatment is a preferred

enhancement method for topaz today. Darker blues are attained, called sky blues, and the process must be followed by heating. The "London Blue" coloration is created using irradiation from nuclear research reactors, which produces residual radioactivity causing the material to be stored until the induced radioactivity decays to acceptable levels.

**Diffusion:**

Diffusion treatment sometime called surface diffusion is an enhancement method by uses a combination of chemicals and heat. Diffusion is a slow process, use for many days to weeks, chemical commonly used on corundum, added iron and titanium during the gem is heated to near its melting point, the components of the same gem material it penetrates the surface to become part of the gem.

The color is confined to the surface and does not penetrate throughout the gem, which could present a problem if the gem was chipped and needed to be recut or repolished. This layer described as colored coating. Diffused star sapphires or other diffused sapphire is only about 0.1mm depth. Diffused gems should be handled with care.

**Dyeing:**

Dyeing is a treatment that alters the body color of a gem and has been done for thousands of years. For the dye to penetrate, fractures must exist. If the gem is not porous or fractured naturally, the opening for the dye to enter the stone is produced by "quench crackling," a heat-induced thermal shock that creates a network of fractures. The stability of dyed gems is dependent upon the type of dye, which varies from natural organic material to synthetic or precipitations of metallic salts.

**Coatings:**

Foil backing, color tint applied is a common technique before advent of pavilion faceting to improve brilliance. Not so common today, except in inexpensive imitations.

**Bleaching:**

Bleaching is used to lighten or remove color and is done with chlorine compounds or concentrated hydrogen peroxide. This enhancement is done to pearls, black coral, and chatoyant tiger's eye.

**Laser Drilling:**

Laser drilling is used to remove dark inclusions primarily from diamonds. If the heat does not vaporize the inclusion, the hole is flushed with hydrofluoric acid. These holes may appear as whitish channels or as light flashes if a high refractive index material is used to fill the cavity.

**Colored Coatings and Impregnations:**

Colored surface coatings usually add a superficial color layer that does not penetrate the gem's surface. This enhancement can be detected with magnification if scratches, pits, or nicks appear in the coating. Some blue

or purple substances have been used to treat yellowish tinted diamonds to make the stone appear more colorless. The color is usually applied to the pavilion, just below the girdle, a kind of treatment like the material used to coat or tint optical lenses.

Another surface coating applied to quartz crystals is a thin layer of gold, which creates a greenish blue color with iridescence. Colored impregnations have been employed to change white opal into black opal and to change the colors of marble and soapstone.

#### Colorless Coatings and Impregnations:

The purpose of coatings is to protect dye treatments, to improve the polish by masking small scratches, grainy textures, or surface irregularities, and to stabilize porous gemstones. These treatments are used on gem material composed of more than one mineral, such as jadeite, nephrite, or lapis lazuli, to aid in polishing. Aggregate gem surfaces may be uneven and vary in hardness. Gems coated because of low hardness include alabaster, marble, rhodochrosite, soapstone, turquoise, serpentine, and amazonite feldspar. Besides low hardness, some gems are porous and the coatings keep the surface from accumulating skin oils and dirt. Colorless coatings include waxes, paraffin, and plastics. To detect coatings, a hot needle may cause wax and paraffin to liquefy and flow, whereas plastics will have an acrid odor.

#### Smoking:

Smoking is a technique used exclusively on opal. Opal is wrapped in brown paper and charred, which causes a thin dark brown coating that intensifies the fire or play-of-color. When the coating wears off, the black opal appears brown. It is easily detected with wetting the gem. Whereas natural opals show the same fire wet or dry, the smoked opal's fire diminishes when wet but returns when dry.

#### Not treated:

Not treated or enhanced. Some gems, such as peridot, spinel, and garnet, do not require treatment. Exceptional specimens of other gems can always be found, but these usually command much higher prices.

*The material for this section came primarily from:*

*GO 340 Gemstones & Gemology Emporia State University  
Susan Ward Aber*

*www.emporia.edu/earthsci/amber/go340/treat.htm*

*Hurlbut, C. S., & Kammerling, R. C. (1991). Gemology. NY: John Wiley & Sons, Inc.*

*Matlins, A. G., and Bonanno, A. C. (1997). Gem identification made easy. Woodstock, VT: GemStone Press.*

*Matlins, A. L., and Bonanno, A. C. (1998). Jewelry and gems the buying guide. Woodstock, VT: GemStone Press.*

*Nassau, K., McClure, S. F., Elen, S., and Shigley, J. E. (Winter, 1997). Synthetic moissanite: A new diamond substitute. Gems and Gemology, vol. XXXIII, p. 260-275.*

*Schumann, W. (1997). Gemstones of the world. NY: Sterling Publishing Co.*

## ORCUTT MINERAL SOCIETY BOARD MEETING HOME OF MIKE & MARGARET HENSON, SANTA MARIA, CA JULY 3, 2012

President Debbie Hood called the meeting to order at 7:15 pm.

Members present were: Debbie Hood, Wes & Jeannie Lingerfelt, Sandy Berthelot, Janis Ferguson, Wayne Mills, Mike Henson, Jeanne Brown, & Michael Schmidt. Guests included Paul Berthelot, Margaret Henson, Samantha S. & Bill Hood.

**MINUTES:** The minutes for the June 5<sup>th</sup> board meeting and June 12<sup>th</sup> general meeting were in the bulletin. The minutes were approved as presented.

**TREASURER'S REPORT:** Wes Lingerfelt gave the treasurer's report for period ending May 31, 2012. The treasurer's report was accepted as presented.

**CORRESPONDENCE:** Notice from Hi Desert Rockhounds about show 10/03-10/07/12...it was given to Debbie Hood for bulletin.

#### COMMITTEE REPORTS:

1. Bulletin-now working...looking great!!!
2. Refreshments- next meeting, July 10<sup>th</sup>, will be cakes.
3. CFMS-next meeting is in July 13th...talk to Wes if you have anything to present/request.
4. Membership-Jeanne Brown read applications for membership from Virginia Rogers and Lisa Azevedo. It was moved & seconded to accept their applications.
5. Field Trip-still needs a chairperson.
6. Adopt-a-Highway – next meeting to be Sat., July 14, 2012... meet at the S/E junction of highways 101/166 on odd months.
7. Breakfast-to be @ the Girls Restaurant in Arroyo Grande (9:00) on Sat, July 28, 2012.
8. Education-Ralph & Wayne spoke @ the Santa Maria Historical Society.
9. Library- Margaret Henson & Jeannie Lingerfelt both donated DVD's to the library. Thank you!  
Remember, the library inventory is now listed on the website for club members' convenience.
10. New Business-Wes, Dealer chairperson of the annual Gem show, brought up issues with the

new site (Nipomo High School)...discussion followed regarding advertising, skirting of tables, snack bar, signage, vendors, licensing to allow homemade pies, open hours for each area & programs, etc.

The General meeting is to be Tuesday evening, 7/10/12 @ 7:00 pm. We will see a CFMS Agate program & display subject is "Agates".

Meeting was adjourned @ 8:39 pm.

Minutes respectfully submitted,

Jeanne L. Brown, secretary

July 8, 2012

Note: annual meeting: Santa Maria Terrace retirement home dining room @ 1405 E. Main St, Santa Maria, CA is reserved for the 12/08/2012 annual meeting.

**A CALL TO ALL MEMBERS:**

OMS needs your rock related donations for door prizes...please contact any board member

**ORCUTT MINERAL SOCIETY -  
MINUTES OF GENERAL MEETING  
OASIS SENIOR CENTER, JULY 10, 2012**

President Debbie Hood called the meeting to order at 7:00 pm.

Mike Henson gave the invocation.

Samantha S. led the flag salute.

Hospitality: We had 33 members and 1 guest attending.

**MINUTES:** Minutes from the July 3, 2012 Board Meeting were published in the news bulletin. The June general meeting was the BBQ; there were no minutes as we had no business to conduct.

**TREASURER'S REPORT:** Wes Lingerfelt read the report as of June 30, 2012, and it was accepted as given.

**CORRESPONDENCE:** there are a number of show fliers on the hospitality table.

**REFRESHMENTS:** tonight there are cakes made by: Sylvia Nasholm, Jeanne Brown, Jan Ferguson & Debbie Hood.

**BULLETIN:** Done! Let Debbie know how much you like it!

**ABUSED CHILDREN'S FUND:** no report.

**CFMS:** Wes is going; the meeting is on 7/13/12 See Wes if you have questions, etc.

**SUNSHINE:** Paul Berthelot lost a fight with a brown recluse spider and has a nasty bite on hand. Keith McKay fractured his forearm. Get better soon!

**JUNIORS:** "Legends of rock." Samantha has contributed & will maintain a "spin the wheel" booth at entrance to Olympic Hall at the Gem Show.

**MEMBERSHIP:** the board voted in two new members, Virginia Rogers & Lisa Acevedo. Welcome!

**EDUCATION:** Summer break...no report.

**SCHOLARSHIP:** no report.

**FIELD TRIP:** no report...this committee still needs a chairperson.

**PUBLICITY:** no report...preparing for show.

**PROPERTY:** We have acquired 14 new tables; now we have a total of 65 tables to use & rent out.

**ADOPT A HIGHWAY:** next scheduled date is the second Saturday in July (7/13/12). Meet at 8:00 am at the S/E corner of highway 166 at the northbound off ramp of highway 101.

**LIBRARY:** Mike & Samantha have the library open tonight at the back of the room.

**POLITICAL ACTION:** CA has legislation to reduce gold dredging to about 1/3 of prior years. This bill also greatly affects rock collecting, etc., and is considered to be "harassment".

**BREAKFAST:** to be at the Girls Restaurant on Grand Ave in Arroyo Grande on 7/28/129 at 9:00 am.

**OLD BUSINESS:** no report.

**NEW BUSINESS/GEM SHOW:**

1. A new item for the kids has been built by Samantha S. There is now a "spin the wheel" game/booth by the hospitality booth. Thank you Samantha!
2. Renae did a great job re-painting the signs. Thank you Renae!
3. Wes has a map of inside & outside layout for dealers & two demo areas.
4. Tables-we will use our 65 and the schools 25...we may need more.
5. Wes checking on Porta-potty's thru United Service & CCI.
6. Confirming hot BBQ tri-tip sandwiches for lunches all 3 days.
7. Wed & Thurs...set up...much discussion re booths, skirting, sound system, food, etc.
8. Thursday night Dealers pizza dinner.
9. Signs to be set up along freeway next Monday.
10. Confirmed that homemade pies are ok, just not custard/cream (no refrigeration avail.)
11. Sun night...clean up & TGIO dinner party! (And much, much more was discussed.)

Minutes respectfully submitted,

Jeanne L. Watkins-Brown, Secretary

*(My apologies for the delay...my work has been extremely demanding lately).*

July 31, 2012

**ALSO A CALL TO ALL MEMBERS:**

OMS needs your rock-related donations for door prizes...please contact any board member.



**ORCUTT MINERAL SOCIETY BOARD  
MEETING - HOME OF MIKE &  
MARGARET HENSON, SANTA MARIA,  
CA. AUGUST 7, 2012**

President Debbie Hood called the meeting to order at 7:00 pm.

Members present were: Debbie Hood, Wes & Jeannie Lingerfelt, Sandy Berthelot, Janis Ferguson, Wayne Mills, Mike Henson, Jeanne Brown, Michael Schmidt & Gloria Dana. Guests included Paul Berthelot, Margaret Henson, Samantha S. & Bill Hood.

**MINUTES:** The minutes for the July 3rd board meeting and July 10th general meeting were read by Jeanne Brown. The minutes were approved as amended.

**TREASURER'S REPORT:** Wes Lingerfelt gave the treasurer's report for period ending July 31, 2012. The treasurer's report was accepted as presented.

**CORRESPONDENCE:** none.

**COMMITTEE REPORTS:**

1. Bulletin-none.
2. Refreshments- next meeting, August 14th, will be cookies.
3. CFMS- none.
4. Membership-Jeanne Brown read application for membership for Renae Sutcliffe. It was moved and seconded to accept her application effective 8/01/12. Fee is to be pro-rated.
5. Field Trip-still needs a chairperson.
6. Adopt-a-Highway – next meeting to be Sat., Sept 8, 2012. Meet on the side of eastbound highway 166 at the S/E junction of highways 101/166 on odd months.
7. Breakfast-to is @ the Sunset Ridge Golf Course in Santa Maria on Sat, August 25, 2012 (9:00am.)
8. Education-no report.
9. Library- Remember, the library inventory is now listed on our website for club members' convenience.
10. New Business-Wes, chairperson of the annual Gem show, brought up issues with the new site (Nipomo High School)...discussion followed regarding differences between last year and this year with the different sites; possible problems with advertising; reduced incomes and additional expenses. Much discussion followed with details...budget financials not complete, so not included here...members asked to bring suggestions/critique of 2012 show to general meeting.

The General meeting is to be Tuesday evening, 8/14/12 @ 7:00 pm. The program will be a report and photos about the show and display theme is "your show treasures."

Meeting was adjourned @ 8:49 pm.  
Minutes respectfully submitted,  
Jeanne L. Brown, secretary

August 13, 2012

*Note: annual meeting: Santa Maria Terrace retirement home dining room @ 1405 E. Main St, Santa Maria, CA is reserved for the 12/08/2012 annual meeting.*

*A CALL TO ALL MEMBERS: OMS needs your rock related donations for door prizes...please contact any board member.*

**ORCUTT MINERAL SOCIETY  
MINUTES OF GENERAL MEETING  
OASIS SENIOR CENTER, AUGUST 14,  
2012**

President Debbie Hood called the meeting to order at 7:00 pm.

Mike Henson gave the invocation.

Samantha S. led the flag salute.

Hospitality: We had 35 members and 3 guests attending, Bernice, Al, and Claudia Stokes.

**MINUTES:** Minutes from the July 3, 2012 Board Meeting and July 10, 2012 General Meeting will be published in the September bulletin. The August 7, 2012 Board Meeting and August 14, 2012 General Meeting Minutes will also be published in the September bulletin.

**TREASURER'S REPORT:** Wes Lingerfelt read the report as of July 31, 2012, and it was accepted as given.

**CORRESPONDENCE:** There are a number of show fliers on the hospitality table.

**REFRESHMENTS:** Tonight there are cookies made by: Margaret Henson, Pat McKay, Erica and Truman Erskine, and a rum cake made by Jeanne Brown.

**ABUSED CHILDREN'S FUND:** Not to be in future shows – no action

**CFMS:** none.

**SUNSHINE:** Roger Lehman has been having problems with his back.

**MEMBERSHIP:** The board voted in one new member, Renae Sutcliff. Welcome!

**FIELD TRIP:** No report...this committee still needs a chairperson.

**PROPERTY:** none.

**ADOPT A HIGHWAY:** Next scheduled date is the second Saturday in September (9/08/12). Meet at 8:00 am at the S/E corner of hwy 166 at the northbound off ramp of highway 101 and on E/B 166.

**BREAKFAST:** To be at the Sunrise Café located at the Sunset Ridge Golf Course in Santa Maria on 8/25/12 at 9:00 am.

**OLD BUSINESS:** no report.

**NEW BUSINESS/GEM SHOW:**

1. Discussed many issues relating to the new site; differences from last year, what changes to do for next year, etc.
2. Various problems with advertising; signage, snack bar, etc.
3. Financial data was incomplete in that the school's invoice for rents has yet to be received; thus is not included here.
4. The board thanks all for the numerous suggestions on improving next year
5. Many category incomes decreased from last year but overall the show should total out fine and make a small profit for the club.

**PROGRAM:** Wes Lingerfelt showed the slides from our gem show August 2 – 5, 2012

Minutes respectfully submitted-  
Jeanne L. Watkins-Brown, Secretary  
August 30, 2012

**ALSO A CALL TO ALL MEMBERS:**

*OMS needs your rock-related donations for door prizes...please contact any board member.*

**Shop Helps**

**By Brad Smith**

Cutoff wheels are inexpensive and do a great job cutting or shaping steel. You can use them to sharpen tool points, cut piano wire to length, make slots, and sharpen worn drills. Other uses include modifying pliers and making your own design stamps.

My preference is the one inch diameter size. Be sure to hold the wheel firmly so nothing moves to break the disk, and definitely wear your safety glasses. A flake of steel in your eye makes for a bad day.

BTW - Cutoff wheels are poor at soft metals like copper, silver and gold. Soft metals clog up the cutting edges.

**Free Form Gem Carving:**

Hans Meevis, a jeweler from Saint Martin, put together a nice tutorial on how he carves and polishes gemstones, in this case a 10ct Aqua. It's done well and definitely worth a read. Enjoy!

<http://www.ganoksin.com/borisat/enam/freeform-gem-carving> .

**RAISING A CABOCHON:**

When a cabochon sits too low in a bezel, the bezel hides a lot of the stone. Solution is to either sand down the bezel height or boost up the stone. Question is what do you use to elevate your cab ?

I was taught to use fine sawdust but now think that there's a better solution, especially for use in rings. I reason that rings will frequently get wet, which would cause the sawdust to swell in size and push the stone against the bezel. Then when the sawdust dries out, the stone would be a little loose. In any case, I now prefer pieces of plastic sheet to boost up my stones. Pieces are readily available from product packaging or from old credit cards. I just cut a piece to loosely fit the bezel and drop in the stone (with some dental floss) to check its height.

**TIP FOR A TRANSPARENT CAB:**

When bezel setting a transparent cabochon in silver, I worry that the silver will tarnish under the stone and will destroy the brilliance of its color & pattern. So I take one extra step before setting the stone. I place a piece of thin silver Mylar plastic under the stone to act as a mirror that will never tarnish.

This Mylar is readily available in craft and gift wrap stores, or in a pinch from a party balloon supplier. You may want to experiment with using colored or patterned Mylar (i.e. diffraction pattern) under some stones.

**IDENTIFYING UNMARKED SOLDERS:**

There's plenty of ways to mark your sheet or wire solders, but suppose you forgot to mark them and have a couple that you can't identify. The answer is to compare the melting temperature of the unknowns with that of a known solder. What I do is take a thick scrap of copper or nickel and arrange several solders on it. Ideally, I would have a sample of easy, medium and hard known solders surrounding the unknown solder. Then I heat the plate from the bottom and watch the order in which the solders melt.

**September 2012 Calendar**

Tuesday

OMS Board Meeting- Meeting at the Henson's home All members

Sept. 4, 2012 7:00 to 8:30 p.m.	are welcome at this business For information or directions call Mike at 934-1308.
????	<b>Field Trip to be announced- anybody want to take the job of Trailmaster?</b>
Saturday Sept. 8, 2012 8:00 to 10:00 a.m.	Roadside Clean up. After the cleanup, coffee and pastry at "Francisco's Country Kitchen" in Santa Maria. Saturday
Tuesday Sept. 11, 2012 7:00 to 9:00 p.m.	OMS General Meeting-Luis Oasis Senior Center, 420 Soares Ave., Old Orcutt. <ul style="list-style-type: none"><li>• Program: Ralph Bishop on something interesting</li><li>• Display: Fossils</li><li>• Refreshments-Pies</li></ul>
Saturday, Sept. 22, 2012 9:00 to 10:00 am	OMS Monthly Breakfast-Francisco's Country Kitchen 1701 N Broadway, Santa Maria.

### October 2012 Calendar

Tuesday Oct. 2, 2012 7:00 to 8:30 p.m.	OMS Board Meeting- Meeting at the Henson's home All members are welcome at this business For information or directions call Mike at 934-1308.
?????	<b>Field Trip to be announced- anybody want to take the job of Trailmaster</b>
Tuesday October 9, 2012 7:00 to 9:00 p.m.	OMS General Meeting- • Luis Oasis Senior Center, 420 Soares Ave., Old Orcutt. <ul style="list-style-type: none"><li>• Program:</li><li>• Display:</li><li>• Refreshments- Cakes</li></ul>
Saturday, October	OMS Monthly Breakfast-The Girl's Restaurant, 1237

27, 2012 9:00 to 10:00 am	E. Grand Ave., Arroyo Grande.
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## CFMS Show Schedule 2012 SEPTEMBER 2012

### September 8 - 9: DOWNEY, CA

Delvers Gem & Mineral Society  
Woman's Club of Downey  
9813 Paramount Blvd.  
Hours: 10 - 5 daily  
Contact: Jon Fults, (714) 856-7548, (714) 287-5743 cell  
Email: [jhfults@verizon.net](mailto:jhfults@verizon.net)

**September 15 - 16: PASO ROBLES, CA**  
**Santa Lucia Rockhounds**  
Pioneer Park & Museum  
2010 Riverside Avenue  
Hours: 9 - 5 daily  
Contact: Dale Conrad, (805) 226-0719

## OCTOBER 2012

October 3 - 8: JOSHUA TREE, CA  
Hi-Desert Rockhounds of Moronga Valley  
Joshua Tree Sportsman's Club  
6225 Sunburst Street  
Hours: 9 - 7 daily  
Contact: Wayne Hamilton, (760) 366-2915, cell (760) 401-0375  
Email: waylin2000@msn.com  
Website: [www.jtsportsmansclub.com/gemshow.htm](http://www.jtsportsmansclub.com/gemshow.htm)

October 7: FALLBROOK, CA  
Fallbrook Gem & Mineral Facility  
123 W. Alvarado Street  
Hours: 10 - 4 daily  
Website: [www.fgms.org](http://www.fgms.org)

October 13 - 14: GRASS VALLEY, CA  
Nevada County Gem & Mineral Society  
Nevada County Fairgrounds (Main Building)  
11228 McCourtney Road  
Hours: 10 - 5 daily  
Contact: Kim Moore, (530) 470-0388  
Email: [Webmaster@ncgms.org](mailto:Webmaster@ncgms.org)  
Website: [www.ncgms.org](http://www.ncgms.org)

October 13 - 14: TRONA, CA  
Searles Lake Gem & Mineral Society  
SLGMS Show Building  
13337 Main Street  
Hours: Sat 7:30 - 5; Sun 7:30 - 4  
Contact: Jim & Bonnie Fairchild, (760) 372-5356  
Email: [slgms@iwvisp.com](mailto:slgms@iwvisp.com)  
Website: [www1.iwvisp.com/tronagemclub](http://www1.iwvisp.com/tronagemclub)



- October 13 - 14: VISTA, CA  
 Vista Gem & Mineral Society  
 Antique Gas & Steam Engine Museum  
 2040 North Santa Fe Avenue  
 Hours: Sat 10 - 5; Sun 10 - 4  
 Contact: Ray Pearce, (760) 726-7570  
 Contact: Lois Harr, (760) 724-0395  
 Email: raysrocks@cox.net
- October 20 - 21: ANDERSON, CA  
 Shasta Gem & Mineral Society  
 Shasta County Fairgrounds  
 Briggs Street  
 Hours: Sat. 9 - 5; Sun. 10 - 4  
 Sara Fenske Email: [sarafenske@yahoo.com](mailto:sarafenske@yahoo.com)  
 Show Website: [www.shastagemandmineral.com](http://www.shastagemandmineral.com)
- October 20 - 21: LOS ALTOS, CA  
 Peninsula Gem & Geology Society  
 Los Altos Youth Center  
 One San Antonio Road  
 Hours: Sat 10 - 5; Sun 11 - 4  
 Contact: Steve Jobe, (408) 834-5384  
 Email: [steve\\_jobe@sbcglobal.net](mailto:steve_jobe@sbcglobal.net)  
 Website: [www.pggs.org](http://www.pggs.org)
- October 20 - 21: PLACERVILLE, CA  
 El Dorado County Mineral & Gem Society  
 El Dorado County Fairgrounds  
 100 Placerville Drive  
 Hours: 10 - 5 daily  
 Contact: Arlene Williams, (530) 676-2472  
 Email: [info@rockandgemshow.org](mailto:info@rockandgemshow.org)  
 Show Website: [www.rockandgemshow.org](http://www.rockandgemshow.org)
- October 20 - 21: WHITTIER, CA  
 Whittier Gem & Mineral Society  
 Whittier Community Center  
 7630 Washington  
 Hours: 10 - 5 daily  
 Contact: Marcia Goetz (626) 260-7239  
 Email: [joemar1@verizon.net](mailto:joemar1@verizon.net)
- October 26 - 27: WEST HILLS, CA  
 Woodland Hills Rock Chippers  
 First United Methodist Church  
 22700 Sherman Way  
 Hours: Fri 3 pm - 9 pm; Sat 10 am - 5 pm  
 Contact: Mary Beth Pio, (818) 349-2943  
 Email: [info@rockchippers.org](mailto:info@rockchippers.org)  
 Website: [www.rockchippers.org](http://www.rockchippers.org)

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OMS Membership \$24.00 for Individual, \$34.00 per couple, \$5.00 Each Additional Family Member, \$5.00 Juniors under age of 18, \$10.00 one-time initiation fee for new members.  
 Membership Chairperson is Jeanne Brown (805) 481-1811

**The 21st Annual Big Sur Jade Festival  
 OCTOBER 5th, 6th and 7th, 2012**

Friday 12 pm - 6 pm  
 Saturday 10 am - 6 pm  
 Sunday 10 am - 5pm

The 21st Annual Big Sur Jade Festival will be held at Pacific Valley School, located 60 miles south of Monterey, 40 miles north of Cambria on beautiful Hwy. 1, across from Sand Dollar Beach, in the Los Padres National Forest.

This event is a benefit for the Pacific Valley School PTO and the South Coast Community Land Trust.

The Big Sur Jade Festival features jade and other lapidary arts by artists from all across the USA, Canada, and New Zealand

It is one of the largest lapidary shows of its type in the world.

The festival also features selected vendor art, fine food and 3 days of live entertainment.

Admission is free!!!

FREE Lectures & Demonstrations

**2012-OMS Officers**

Pres.	Debbie Hood	(805) 481-6860
Pres. Elect	Wayne Mills	(805)481-3495
Secretary	Jeanne Brown	(805) 481-1811
Treasurer	Wes Lingerfelt	(805) 929-3788
Immed. PastPres.	Gloria Dana	(805) 929-6429
Federation. Rep.	Wes Lingerfelt	(805) 929-3788

**2012- OMS Board Members**

Jeannie Lingerfelt	(805) 929-3788
Jan Ferguson	(805) 474-9977
Sandy Berthelot	(805) 349-3977
Mike Schmidt	(805) 260-3741
Mike Henson	(805) 934-1308

**FOR SALE**

**Big Price Reduction!**

White's Spectrum XLT Metal Detector  
 Second search coil, and accessories.  
 \$300.00

Call Bill Hood at (805) 481-6860 for more information



ORE-CUTTS (named after, William Orcutt) was published in 1966. Member Helen Azevedo was the first editor. Orcutt Mineral Society was founded in 1958, and was named after William Orcutt, a geologist and Civil engineer who worked in the Santa Maria Valley as a District manager for Union oil Company in 1888. In 1889, William Orcutt discovered the mineral and fossil wealth of the La Brea Tar Pits on the property of Captain Alan Hancock. The La Brea Tar Pits are one of the most significant fossil finds in paleontological history. The OMS is a non-profit club dedicated to stimulating an interest in the earth sciences. The club offers educational programs, field trips, offers educational programs, field trips, scholarships, and other opportunities for families and individuals to pursue an interest in the collecting and treatment of lapidary materials, fossils, gems, minerals, and other facets of the Earth Sciences. In addition, another goal of this Society is to promote good fellowship, and proper ethics in pursuit of the Society's endeavors. Operating Rules have been set forth to guide the Officers and members of the Society in accomplishing these aims. Affiliations of the OMS include American Federation of Mineral Societies, and California Federation of Mineral Societies

**OMS Editor**

Debbie Hood	(805) 481-6860	<a href="mailto:debilhood1@sbcglobal.net">debilhood1@sbcglobal.net</a>
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*ADDRESS CORRECTION REQUESTED*

