



# Ore-Cutts

Volume L Number 3

March 2016

## The Pres Box—March 2016

Alexis Van Natta



My eyes were delighted at seeing so many beautiful Agates presented by Wayne in our February program. Did you see as I did birds, fish, faces and many other pictures in all those lovely agates? Don't you wish you could

transport yourself to some of the places to collect them yourself? Since this is the month for Leprechauns anything can happen!

The March 8<sup>th</sup> program will be; “**Rocks and Fossils of the Central Coast**” presented by Wayne Mills. Wayne's presentations are always very interesting. I for one, have a great interest in the past and expect to further my knowledge on this subject. Bring your local rocks and fossils for display so we may all share in the wonders of bygone events.

Cakes are the mouth-watering word for March. I'm making my favorite “Pineapple upside down” cake. Maybe I'll color it green. It is so thoughtful of Sally to have non-sweet goodies for those members who can't eat sweets.

Mark your calendar for **March 12, Highway clean up**, 8: AM, corner of 101 and 166 east. I am actually enjoying this morning stroll. Don't forget to look for the Leprechauns hiding in the tall weeds; they may still be hanging around since St Patrick's Day. It's hilarious to listen to the things members find as they travel up and

down on the road. Come try it and like me you could learn to enjoy it.

A very important date, **March 19** is our field trip to Ralph Bishop's Museum. We will meet at 618 E. Cook St., Santa Maria at 10 AM to noon.

Keep your calendar open for the monthly no-host-and-getting-to-know-you breakfast on **March 26**, 8:30 AM at Sunset Grill in Santa Maria. A Heads UP for the OMS Tail Gate at the Von Achen's on May 14th. Keep tuned, more information to follow.

*Alexis*

## BIRTHDAYS & ANNIVERSARIES



**Birthday greetings** go out to those folks who are having birthdays and Anniversaries in March.

### March Birthdays

Roger Lehman	3/5
Jeannie Lingerfelt	3/7
Bill Hood	3/18

### March Anniversaries

None!

### Congratulations!

*If you don't see your name here when you should, then the information is not in **The Red Book**. Please write your important dates down and give them to **Wayne** so they will be included in the next edition (April 2016)*

## RED BOOK UPDATE (DUES-R-DUE)

Wayne Mills, Ore-Cutts Editor

We are supposed to put the **Red Book** (Club Directory) out in April. To do that, we need to know which of our members are “sticking with us”, and make sure that the entries for these folks in the current (2015) Red Book are accurate. So, **please pay your dues as soon as possible**, AND make sure that the 2015 Red Book has your correct information. If not, please drop your Editor a note with the correct information.

## SUNSHINE

Margaret Henson

We hear that Debbie Hood is recovering from her hip surgery. We hope to see her back in action soon!

**NEWSFLASH!!** We just received word that our application to use Nipomo High School for our August show has been approved!! Full speed ahead!

## ITS' HIGH (WAY) TIME AGAIN!

Wayne Mills, Adopt a Highway Coordinator

On Saturday, March 12, the OMS Highway Heroes and Heroines will meet at the South East Corner of Highway's 101/166 for our Bi-monthly clean-up of Highway 166 (but only two miles of it). Our last two clean-ups have had great attendance, so please keep up the good work. The more folks we have, the sooner we can get to coffee and treats at Francisco's Country Kitchen in Santa Maria

## SEDIMENTARY & VEIN AGATES

Our February Program came to us from The Heart of Wisconsin Gem and Mineral Society. They have won the CFMS best program competition several times, and this was one of their winners. The narrated PowerPoint Presentation began with a collecting trip (in the aftermath of a fire in 2000) in

the Black Hills of South Dakota, but expanded to vein and sedimentary agates from around the world. The program differentiated agates by their origins. Many agates have their genesis in marine sedimentary rocks. Their silica comes from dissolution of volcanic ash or from chert present in the sediments that are often Paleozoic limestone. The Teepee Canyon and Fairburn Agates are an example of this kind.

A notably different source of agates are the amygdules that form in gas bubbles in volcanic rock. Nipomo Sagenite and Marcasite are examples of this kind of agate. Amygduloidal agate differs from Sedimentary agate by the presence of eyes, tubes, sagenite, moss, shadow banding, and often finer banding than found in Sedimentary Agate. The silica in these agates is primarily dissolved volcanic ash.



*Manville Agate Niobrara Co., Wyoming (marine sedimentary origin). From [Sedimentary & Vein Agates by Heart of Wisconsin Gm and Mineral Society](#)*

## LAND DOWN UNDER

By Ione Griggs (originally published in the June 1995 Ore-Cutts). Minor editing for clarity by Wayne Mills. Ione was President of OMS in 1975.

The trip to Australia was short and uneventful. Arrived safe and sound with the Beauchamp family and Marcia meeting me (at the airport). After getting me loaded in the car, I was whisked away to the suburb of Brisbane, Manley, where Brian's family lives. Getting rid of the luggage, and drinking a bit of tea, we soon left for Tamborine Mountain (Thunderbird Park near Melbourne) to *fossick* for thundereggs. I was more interested in looking at the unusual birds and souvenirs of the area. Soon, everyone was ready to leave and go back to Brisbane for dinner at the local **Sizzler!**



*Thunderbird Park thunderegg. Picture from Mindat.org*

We would leave early the next day for Glen Innes and the National GemBoree.

After eating, we returned to the house and went directly to bed.

We left about 9:00 am on May 13<sup>th</sup>. It was about a 4 hour drive. There is no parking in the area of the show, so Brian left us at the gate and took Marcia and her exhibits in to be displayed.

This show did not have anything except cases of competition stones and minerals. Marcia only had lapidary pieces, including an old car done in petrified wood from the Chinchilla area of Australia, a double 1370 Saw Leaf Court #5-faced rainbow obsidian (in the rough) Emmett had given her, a specimen of Ribbonstone, and several other pieces in different categories—cabs, freeform, etc.



*Australian Ribbonstone (a banded chert from Queensland, Australia) via petroglyph 88 @ Flicker.com*

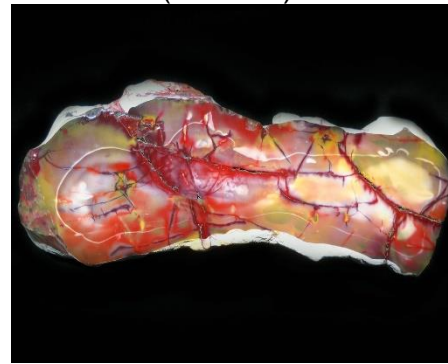
Marcia took second place with her car, third place with the Ribbonstone, and a few honorable mentions. There must have been about 500

polished stones in the competition—at least 50 cases with stones from several people in each case. Plus, there were about 50 cases of minerals in competition. Paul Howard did not have a display as he did not enter the competition (he was on duty at the gate). Paul and Marie stayed at the same motel as we did but I did not see much of them. I saw about thirty people there who had been at our home (in Santa Maria) in the past—we had a wonderful time visiting.

The material (at the show) was a little high, but it usually is at any show. There was a tailgate in another area with very interesting materials. I picked-up some petrified tree fern from Tasmania. It was Easter Sunday, and the clubs held a costume contest and parade. The winning club dressed as a deck of cards. There was Easter Bilby, a rabbit with a long nose and medium in height, and a parade of old cars (I believe they were called Morris or Morse (Renault)).

The day after the show, we headed for Lightning Ridge Opal Fields. I saw black opal that would make your eyes water—large, very expensive, beautiful stones. We did some fossicking, but no luck. I waited for the sapphires—I found some too! It was green in color. I thought the best piece was a piece of “beer bottleite”, but was told it was “pretty good” (a piece of sapphire). The birds, animals and other wildlife were so flamboyant that it was hard to believe.

On to Mount Hay for crystal agate geodes. They were rather small, but good material. I bought some spherulitic rhyolite, petrified wood and (Mookite).



*Mookite Japer--Kennedy Ranges near Gascoyne Junction--100 miles inland from Carnarvon, Western Australia. Picture from outback-mining.com*

Next stop was Rockhampton, right on the Tropic of Capricorn. There is a cavern there that gets the sunshine through the top only twice a year. It reflects the color of your clothes onto the wall. The most wonderful “Underwater World”, a glass tunnel surrounded by sharks, fish, eels, stingrays and colorful neon fish. You can reach out and (almost) touch the nose of a shark.

Back to Brisbane, and a tour of the Gold Coast where we visited with Paul Howard



before driving to Sydney where I met my friends Claire and Jack Strange. They drove me all over the harbor area of Sydney with the opera House in the background. It was so beautiful. I could go on and on telling you about the Koala I petted, and the Lorikeet that sat on my hand. Petting a wombat and watching a Tasmanian Devil running like crazy. Seeing a Cassowary and Gregory Peck the Brolga (Australian Crane), sleeping Dingos and Wallabies.

I have said enough—thanks for listening.

## BITS AND BYTES

Check out this video from Trash and Treasures collecting at the Royston (Tonopah, Nevada) Turquoise Mine

<https://www.youtube.com/watch?v=IZ6ruADORel&feature=youtu.be>

This is a neat 10-minute video showing the complete process of making a piece of jewelry from slab to finished piece—the best part is it is done by a pre-teen! Inspiring.

[www.youtube.com/watch?feature=player\\_embedded&v=4dulc1SFjg#t=615](http://www.youtube.com/watch?feature=player_embedded&v=4dulc1SFjg#t=615)

Check out this intro to geology with a “rock” beat!! Great stuff!

[https://www.youtube.com/watch?v=CIJ5lwl\\_wMQ](https://www.youtube.com/watch?v=CIJ5lwl_wMQ)

## KID’S CORNER—MINERAL ODDITIES

Mini Miner’s Monthly Vol.8, No. 2

(February 2014) Photographs by Wayne Mills and Barbara Bilyeu

## COLORFUL FLUORITE

**Chemical Formula:** CaF<sub>2</sub> ~ Calcium Fluoride

**Crystal System:** Isometric (also called “Cubic”)

**Luster:** Vitreous (also called “glassy”)

**Hardness:** 4

**Specific Gravity:** 3.0 - 3.3

**Fracture:** Conchoidal (also called “shell-like”)

**Cleavage:** Perfect Octahedral. This means that with care, you can break a piece of fluorite into a perfect, 8-sided diamond shape which is called an octahedron.

**Transparent. Often fluorescent.** Some have called fluorite “The most colorful mineral in the world!” Others have described it “like a bouquet of flowers.” Without a doubt, fluorite can be found in all the colors of the rainbow - and more!

**Pure fluorite** contains only two elements, calcium and fluorine. Its chemical formula is CaF<sub>2</sub>. When you find pure fluorite in nature, it is colorless and clear as glass. But pure minerals are not often found in nature. They usually contain small amounts of other elements or have defects in the crystals and these “impurities” create color in fluorite.

It is difficult to describe what causes color in fluorite without talking about chemistry, and a lot of our young mineral students don’t know a lot of chemistry yet. So, here is a very simple description. Maybe you can study some chemistry with your teacher or family!

*Clear to pale green and milky fluorite from the Felix Fluorite Mine, Azusa, Los Angeles Co., CA (SC)*



**Green in fluorite** can be created when some of the calcium (Ca) is replaced by the element samarium (Sm).

*Green fluorite from the Rogerly Mine, North Pennines, Cumberland, England.*

**Purple in fluorite** can be created when radiation causes special changes in the crystal structure. The presence of something mineralogists call calcium colloids can create colors that range from blue to darkest purple. This can get very complicated, but you can think of a “calcium colloid” as bunches of special calcium atoms.

*Purple Fluorite on Sphalerite from Elmwood Mine, Carthage, Smith Co., Tennessee*



**Yellow in fluorite** is also created by special chemical changes inside the crystal. Yellow fluorite forms when two fluorine ions (F) are replaced by one oxygen (O) ion.



*Yellow fluorite and calcite from Villabona, Asturias, Spain (Collection of Barbara Bilyeu)*

**Pink and red** in fluorite is created by a very complicated chemical change in the fluorite that involves the elements yttrium (Y) and oxygen (O). We'll leave the details to the experts, but it is fun for you to learn that small changes inside a fluorite crystal can create very different colors.



*Pink bipyramidal fluorite crystal from unknown location*

**Light blue in fluorite** can be created when the rare element yttrium (Y) takes the place of some of the calcium (Ca) atoms.



*Bright blue fluorite from the Bingham Mine, Socorro County, New Mexico, USA.*

**Brown** in fluorite is created by impurities of hydrocarbon material like oil or tar that are trapped in the fluorite crystal structure. "Hydrocarbons" are materials that were created by decaying plants that were trapped in sediments. Later, when the sediments became rock, the plant material broke down (decayed) into large molecules made up of hydrogen and carbon.



*Brown fluorite cubes from Clay Center, Ohio, USA (Collection of Barbara Bilyeu)*

**Color Zones** in fluorite are created when there are differences in the chemical environment as the fluorite formed over thousands and millions of years. Sometimes the changes go back and forth, back and forth and create zones that look like layers.

*Color zoned fluorite from near Austin, Lander Co., Nevada (SC)*



### AFMS JUNIOR ROCKHOUNDS (AGATE) POSTER CONTEST

See Wayne if you are interested! Or check out the January 2016 CFMS Bulletin at: [cfmsinc.org/Newsletters/Jan](http://cfmsinc.org/Newsletters/Jan). Deadline is April 15, 2016.

### ORCUTT MINERAL SOCIETY— BOARD MEETING

**Nipomo Chamber of Commerce, Nipomo, CA  
February 2, 2016**

President Alexis Van Natta, called the meeting to order at 7:00 p. m. Board members present were Wayne Mills, Alexis Van Natta, Sylvia Nasholm, Don Nasholm, Jeanne Watkins Brown, Sharon Duncan, Jan Ferguson, Sally Griffith and Dyanna Cridelich. Guests present were Lisa Azevedo and Krystel Rose.

**Minutes:** Minutes were approved as printed in the February bulletin.

**Treasurer's report:** Jeanne Watkins gave the treasurer's report. The report was accepted as given. With QuickBooks, she will be able to blend all the documents into a one-page report.

**Correspondence:** Alexis Van Natta received a letter from Pasadena Lapidary. They would like to come to our show and would like us to sponsor a field trip for their group. Wayne will ask Wes Lingerfelt if this is something he would be interested in doing. Dyanna Cridelich passed around newsletters from the Santa Lucia Gem and Mineral Society and the San Geronio Gem and

Mineral Society. There was also a letter from the Salvation Army thanking us for the \$50 donation that OMS made to them in December.

#### **Committee Reports:**

**Abused Children:** \$57.00 was collected for the Abused Children's last month.

**Annual December Luncheon:** Dyanna Cridelich announced that she has sent back the Banquet Facility Agreement which holds our spot at the Madonna Inn on December 10<sup>th</sup>. Menu and head count will be discussed at a later date.

**Annual Gem Show:** Debbie Carter told Wayne Mills that our rental application for Nipomo High School is being processed and should be sent to Denise Bailey soon. Sharon Duncan said that she has collected \$675.00 in space rental from the dealers.

**Bulletin:** Sylvia Nasholm said that the Federation Representative is an appointed position, not an elected one. Therefore, instead of being listed with the elected positions, it should be listed in bold underneath the board members.

**CFMS:** Jeanne Watkins offered to get the officer change form for 2016, the 2016 Show Listing and the insurance liability off to CFMS. The Insurance is \$8.00 per member (as of Dec 31<sup>st</sup>). We don't include honorary members in the count.

**Field Trips:** Wayne Mills announced that we would have a trip to Ralph Bishop's Museum on March 19<sup>th</sup> and our annual Tailgate at the Von Achen's is on May 14<sup>th</sup>.

**Highway Cleanup:** Not until March.

**Membership:** Dyanna has membership cards and will be taking dues at the general meeting. Krystal Rose has applied for membership in the OMS. Wayne made the motion that we accept her application and Jeanne seconded that motion. All approved and motion was carried.

**Refreshments:** Sally Griffith said that pies were in order for February. She said that we have several members that shouldn't have sugar and suggested that one person could bring a fruit or cheese plate. Lisa Azevedo and Krystal Rose volunteered to bring a fruit plate this month.

**Sunshine:** Sandy Berthelot is home from the hospital. Debbie Hood had surgery on her hip and is now at Marian.

**Old Business:** none

#### **New Business:**

Jeanne Watkins says that the Club computer needs to be replaced. It crashed 7 times while doing her reports. She feels that \$500 would purchase a computer that would fit her needs. Expenses over \$500 need to be approved by the members.

Sylvia Nasholm showed the Board a jeweled lanyard holder that would make a nice exhibitor's gift at the gem show. Everyone liked the idea. She will ask Ralph Bishop if he would bring his larger pieces and exhibits to display at the gem show like he did last year.

Jan Ferguson and Jeanne Watkins have volunteered to organize the Thursday night dinner of pizza and salad for the vendors, exhibitors and helpers at the Gem show.

Alexis Van Natta will contact G Brothers and firm up our dates for the Gem Show. Sharon Duncan will contact and set up all the demonstrators for the gem show.

Wayne Mills reiterated that the inventory of Door Prizes is all but exhausted. Several Board members said they would bring things to next meeting to supplement the activity. Our Treasurer is looking into IRS regulations on selling tickets to help purchase more door prizes.

President Alexis Van Natta adjourned the meeting at 8:10 p.m.

Respectfully submitted:  
Dyanna Cridelich, Secretary, OMS

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**ORCUTT MINERAL SOCIETY—  
GENERAL MEETING  
Luis Oasis Senior Center, Orcutt, CA  
February 9, 2016**

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President Alexis Van Natta called the meeting to order at 7:00 pm.

Mike Henson gave the invocation.

Joseph Martinez gave the flag salute.

**Minutes:** Dyanna Cridelich read the minutes from the February 2<sup>nd</sup> board meeting. Minutes were approved read.

**Treasurer's Report:** Jeanne Watkins Brown gave the treasurer's report. She will have the report on hand and available to all to read each month. The treasurer's report was accepted as given.

**Correspondence:** Santa Barbara Gem Fair sent discount cards for their up-coming show.

#### **Committee Reports:**

**Hospitality:** There were 30 members and 2 guests in attendance. The guests were Lani Briceland and Laura Ryzner (Daughter of former members Al and Louise).

**Refreshments:** Sally Griffith reported that this month was pie month. Thank you to all the pie makers. They were Lisa Azevedo, Jeannie Lingerfelt, Jan Ferguson and Dick Bazzell. Krystal Rose brought a fruit bowl for non-sugar eaters and two of the pies were sugar free. Thanks everyone.



**Annual Gem Show:** Wayne Mills called Denise Bailey. Still nothing has been sent to her! He expects to hear something soon. Sharon Duncan has received a few more payments for spots at the show.

**Annual December Luncheon Meeting:** Dyanna Cridelich has signed the papers and sent them back to the Madonna Inn. We have time to decide the menu and the count as we get closer to the event.

**Abused Children:** none

**Breakfast:** Bill Hood says that the February Breakfast will be at the Sunset Grill in Santa Maria on February 27<sup>th</sup> at 8:30 am.

**Bulletin:** Wayne Mills asked if anyone was missing their Bulletin this month because one came back un-addressed. The Red Book will be out in April.

**CFMS:** none

**Door Prizes:** Joseph Martinez facilitated the door prizes tonight. Our supply of door prizes has dwindled, so we asked for donations. Lots of people stepped up to the plate and we had a nice raffle. Wayne made a motion that we go back to picking out our own prizes. This was seconded and the vote passed.

**Education:** none

**Historian:** none

**Field Trips:** Wayne Mills reminded us of the field trip to Ralph Bishop's museum on March 19<sup>th</sup>.

**Highway Clean-up:** The next clean-up is Saturday, March 12<sup>th</sup>.

**Library:** none

**Membership:** Dyanna is now accepting dues for 2016 and is giving out membership cards. \$24.00 for singles, \$34.00 for couples, \$5.00 for additional family members.

We have a new member! Krystal Rose turned in her OMS application at the February 2<sup>nd</sup> Board meeting. The Board voted to accept her into the club. Congratulations Krystal!

**Political Action:** none

**Property:** none

**Scholarship:** none

**Sunshine:** Sandy Berthelot, is still having tests done this week. Debbie Hood is home with her mom recuperating in good hands. Lucky Virgin is back. It is wonderful seeing him up and around.

**OLD BUSINESS:** None

**NEW BUSINESS:**

Our secretary, Jeanne Watkins, needs a new laptop. The one she has was bought in 2011. It needs a new video card and the processor is slow. Wayne made a motion

what we allocate \$600.00 for the purchase of a new laptop. Motion seconded by Jeanne. No discussion, no opposition, motion passed.

**Our display for this month was agates** or anything else. The following brought displays:

**Mike and Margaret Henson-** Cabs –Made by her grandfather 60 years ago

**Stan and Jan Ferguson** –Hearts, (Pyrite, Brazilian, Ocean Jasper, Sagenite, Twin Crystals

**Wayne Mills** – Display of Agates and Ocean Jasper

**Alexis Van Natta** – OMS President's Agates from Australia

**Sharon Duncan-** Agate slabs from Avila Beach

**Jeannie Lingerfelt** – Heart shaped pendants

**Lani Briceland** - Tree of Life Pendant

Alexis Van Natta thanked everyone who brought a display.

**Program Introduction:** Wayne Mills talked about the beauty of agates and presented an outstanding program on Agates.

He also asked us to be thinking about our favorite field trip and/or our favorite rock that we have collected. He wants to put together a couple of programs with our member's experiences

Joseph Martinez gave out the door prizes tonight.

President Alexis Van Natta adjourned the meeting at 8:45pm.

Respectfully submitted:

Dyanna Cridelich, Secretary, OMS

## OMS CALENDAR

### MARCH 2016

Tuesday, March 1  
7:00 to 8:30 p.m.

OMS Board Meeting,  
**Nipomo Chamber of  
Commerce** meeting  
room, All members are  
welcome at this meeting

Tuesday, March 8  
7:00 to 9:00 p.m.

OMS General Meeting—  
Luis Oasis Senior Center.  
• **Program-Rocks** and  
Fossils of the Central  
Coast—Wayne Mills  
• **Display- Locally  
collected rocks or  
anything!**  
**Refreshments-Cakes**

Saturday, March 12 8:00 a.m.	Highway Clean-up-SE corner Rtes. 101/166 E
Saturday, March 19 10:00-12:00 a.m.	Field Trip to Ralph Bishop Museum
Saturday, March 26 8:30 a.m.	OMS Monthly Breakfast- <b>Sunset Grill, Santa Maria</b>
<b>APRIL 2016</b>	
Tuesday, April 5 7:00 to 8:30 p.m.	OMS Board Meeting, <b>Nipomo Chamber of Commerce</b> meeting room, All members are welcome at this meeting
Tuesday, April 12 7:00 to 9:00 p.m.	OMS General Meeting— Luis Oasis Senior Center. <ul style="list-style-type: none"> <li>• <b>Program-TBD</b></li> <li>• <b>Display--Anything!</b></li> <li>• <b>Refreshments-Cakes</b></li> </ul>
Saturday, April 23 8:30 a.m.	OMS Monthly Breakfast- <b>Country Kitchen, Arroyo Grande</b>

## CFMS SHOWS

### MARCH 2016

#### March 4 - 6: NEWARK, CA

Mineral & Gem Society of Castro Valley  
Newark Pavilion  
6430 Thornton Avenue  
Hours: Fri & Sat 10 - 6; Sun 10 - 5  
Contact: Cathy Miller, (510) 887-9007  
Email: [showchair@mgscv.org](mailto:showchair@mgscv.org)  
Website: [www.mgscv.org](http://www.mgscv.org)

#### March 5 - 6: ARCADIA, CA

Monrovia Rockhounds  
Los Angeles Arboretum-Ayres Hall  
301 Baldwin Avenue  
Hours: 9:00 - 4:30 daily  
Contact: Jo Anna Ritchey, (626) 358-1624,  
Email: [joannaritchey@gmail.com](mailto:joannaritchey@gmail.com)  
Website: [www.Moroks.com](http://www.Moroks.com)

#### March 5 - 6: VENTURA, CA

Ventura Gem & Mineral Society  
Ventura County Fairgrounds  
10 West Harbor Blvd.  
Hours: Sat 10 - 5; Sun 10 - 4  
Contact: Show Chair, (805) 312-8467  
Email: [info@VGMS.org](mailto:info@VGMS.org)  
Website: [www.vgms.org](http://www.vgms.org)

#### March 12 - 13: SAN MARINO, CA

Pasadena Lapidary Society  
San Marino Masonic Center  
3130 Huntington Drive  
Hours: Sat 10 - 6, Sun 10 - 5

Contact: Marcia Goetz, (626) 260-7239

Email: [joenmar1@verizon.net](mailto:joenmar1@verizon.net)

Website: [www.pasadenalapidarysociety.org](http://www.pasadenalapidarysociety.org)

#### March 12 - 13: SPRECKELS, CA,

Spreckel's Veterans Hall  
5th & Llano Streets  
Hours: 10 - 5 daily  
Contact: Karin Salomon, (831) 375-5233  
Email: [kcbakes27@yahoo.com](mailto:kcbakes27@yahoo.com)  
Website: [www.salinastrockandgem.com](http://www.salinastrockandgem.com)

#### March 12 - 13: TURLOCK, CA

Mother Lode Mineral Society, Modesto  
Stanislaus County Fairgrounds  
900 North Broadway  
Hours: 10 - 5 daily  
Contacts: Bud & Terry McMillin, (209) 524-3494  
Email: [Bud.mcmillin.b7yj@statefarm.com](mailto:Bud.mcmillin.b7yj@statefarm.com)  
Website: [www.motherlodemineralsociety.com](http://www.motherlodemineralsociety.com)

#### March 19 - 20: LEMOORE, CA

Lemoore Gem & Mineral Society  
Lemoore Trinity Hall  
470 Champion Street  
Hours: Sat 10 - 6; Sun 10 - 4  
Contact: Christopher Wertinberger, (559) 309-3433  
Email: [kim-morrell@hotmail.com](mailto:kim-morrell@hotmail.com)

#### March 26 - 27: ANGELS CAMP, CA

Calaveras Gem & Mineral Society  
Calaveras County Fairgrounds  
101 Frogtown Road  
Hours: Sat 10 - 5; Sun 10 - 4  
Contact: Robin Williams, (209) 728-8277  
Email: [robinski@yahoo.com](mailto:robinski@yahoo.com)  
Website: [www.calaverasgemandmineral.org](http://www.calaverasgemandmineral.org)

#### March 26- 27: ROSEVILLE, CA

Roseville Rock Rollers Gem & Mineral Society  
Placer County Fairgrounds  
800 All American Blvd (off Washington)  
Hours: Sat 10 - 5 daily  
Contact: Gloria Marie, (916) 216-1114  
Email: [gloriarosevillerockrollers@gmail.com](mailto:gloriarosevillerockrollers@gmail.com)  
Website: [www.rockrollers.com](http://www.rockrollers.com)

### APRIL 2016

#### April 2 - 3: TORRANCE, CA

South Bay Lapidary & Mineral Society  
Ken Miller Recreation Center  
3341 Torrance Blvd (entrance on Madrona Ave)  
Hours: Sat. 10 - 5; Sun. 10 - 4  
Contact: Larry Hoskinson / Leslie Neff, (310) 318-2170  
Email: [lesneff@aol.com](mailto:lesneff@aol.com)

#### April 8 - 10: VISTA, CA

Vista Gem & Mineral Society  
Antique Gas & Steam Engine Museum  
2040 North Santa Fe Avenue  
Hours: 9 - 5 daily



Contact: Ray Pearce, (760) 726-7570  
 Email: [raysrocks@cox.net](mailto:raysrocks@cox.net)

**April 9 - 10: MARIPOSA, CA**  
 Mariposa Gem & Mineral Society  
 Mariposa County Fairgrounds  
 5005 Fairgrounds Road (south of Mariposa on Hwy49)  
 Hours: Sat 10 - 6; Sun 10 - 4  
 Contact: Martin Fodin, (209) 742-4036  
 Email: [martin@safarigold.com](mailto:martin@safarigold.com)  
 Website: [www.camineralmuseum.com](http://www.camineralmuseum.com)

**April 16 - 17: SAN JOSE, CA**  
 Santa Clara Valley Gem & Mineral Society  
 Santa Clara County Fairgrounds  
 344 Tully Road  
 Hours: 10 - 5 daily  
 Contact: June Harris, (408) 265-1422  
 Email: [info@scvgms.org](mailto:info@scvgms.org)  
 Website: [www.scvgms.org](http://www.scvgms.org)

**April 16 - 17: THOUSAND OAKS, CA**  
 Conejo Gem & Mineral Club  
 Borchard Park Community Center  
 190 Reino Road at Borchard Road  
 Hours: 10 - 5 daily  
 Contact: Robert Sankovich, (805) 494-7734  
 Email: [rmsorca@roadrunner.com](mailto:rmsorca@roadrunner.com)  
 Website: [www.cgamc.org](http://www.cgamc.org)

**April 23 - 24: ESCONDIDO, CA**  
 Palomar Gem & Mineral Club  
 California Center for the Arts  
 340 N. Escondido Blvd.  
 Hours: Sat 10 - 5; Sun 10 - 4  
 Contact: Gayle Hamilton, (760) 726-0131  
 Email: [gemshow@palomargem.org](mailto:gemshow@palomargem.org)  
 Website: [www.palomargem.org](http://www.palomargem.org)

**April 23 - 24: PASO ROBLES, CA**  
 Santa Lucia Rock Hounds  
 Paso Robles Event Center  
 2198 Riverside Ave.  
 Hours: Sat 10 - 5; Sun 10 - 4  
 Contact: Mike Judy, (805) 238-4469  
 Email: [mrhaludy@gmail.com](mailto:mrhaludy@gmail.com)

### 2016-OMS Officers

<b>President</b>	Alexis Van Natta	(805) 937-4347
<b>President-Elect</b>	Wayne Mills	(805) 481-3495
<b>Secretary</b>	Dyanna Cridelich	(805) 937-4347
<b>Treasurer</b>	Jeanne Watkins	(805) 481-1811
<b>Imm. Past Pres.</b>	Dyanna Cridelich	(805) 937-4347

### 2016-OMS Board Members

Sharon Duncan	(805) 478-9359
Jan Ferguson	(805) 474-9977
Sally Griffith	(805) 928-6848
Don Nasholm	(805) 481-0923
Sylvia Nasholm	(805) 481-0923

### CFMS Federation Director

Wayne Mills	(805) 481-3495
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**OMS Membership** \$24.00 for Individual, \$34.00 per couple, \$5.00 Each Additional Family Member, \$5 for Juniors under age of 18. One time initiation fee for new members is \$10.00. **OMS Membership Chairperson is Dyanna Cridelich** (805) 937-4347

**OMS Webmaster –Bill Brown– (805) 481-1811** Check out our OMS web site at: <http://www.omsinc.org> or send e-mail to: [info@omsinc.org](mailto:info@omsinc.org).

### Ore-Cutts Editor/Publisher

<b>Wayne Mills</b>	(805) 481-3495	<a href="mailto:wwmills50@hotmail.com">wwmills50@hotmail.com</a>
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## 54<sup>TH</sup> ANNUAL VENTURA GEM SHOW

**March 5-6, 2016**

Ventura County Fairgrounds  
 10 W. Harbor Blvd.  
 Ventura, CA 93001

**Hours: 10-5 Sat., 10-4 Sun.**

**Free Admission/\$5 Parking**

**More information at [www.vgms.org](http://www.vgms.org)**

Website: [www.srockhounds.org](http://www.srockhounds.org)

## SAVE THE DATE!! September 16-18, 2016

**CFMS Annual Show and Convention** in Placerville, CA in conjunction with the World Gold Panning Championship. More information can be found at: [www.cfmsinc.org](http://www.cfmsinc.org)

**Orcutt Mineral Society, Inc.**  
**P.O. Box 106**  
**Santa Maria, CA 93456-0106**

*ADDRESS CORRECTION REQUESTED*

**The ORE-CUTTS** (named after, William Orcutt) was first published in 1966. Member Helen Azevedo was the first editor. The Orcutt Mineral Society was founded in 1958, and was also named after Orcutt who was 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 in Los Angeles. The La Brea Tar Pits are one of the most significant fossil finds in paleontological history.

OMS is a non-profit organization dedicated to stimulating an interest in the earth sciences. The club 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.

