



# Ore-Cutts

Volume XLIV Number IV

April 2010

**Come join us on Tuesday, April 13, 2010 at the Elwin Mussell Senior Center at 510 E. Park Street, Santa Maria for a program given by Steve Beitman on Gemology.**

The display theme is Agates, but as always, you may display any mineral related items you like.

The refreshments will be cookies brought by Don Dana, Elaine Von Achen, Dick Bazzell, Sharon Duncan, Debbie Hood, Truman Burgess & Geary Scheffer.

## Prez Box

**Sylvia Nasholm, President OMS**

April is here along with beautiful flowers and warmer weather. It also is a reminder our annual Rainbow of Gems is fast approaching as well. It's my gentle nudge, "It's time to set up the show," so I will be approaching you in the weeks ahead to see if you will be working your same committees as last year. Please note, we want to see everyone participating, so speak up, if there is a job you particularly want to try. Please volunteer to join any of the committees. The more hands the easier the job.

I spoke with Dee Dee Magri and she will act as co-hostess again. Dee Dee has agreed to go around and collect prizes from the dealers again. She has a talent for getting the most out of our dealers. Dee Dee will be bringing friends from her new club, the Vallejo Gem and Mineral Society with her. They will be sellers during the event and their names are Dan and Cindy Wolke.

I'm really hoping the show is spectacular this year and with a lot of hard work I know it can be.

We had a beautiful morning on the 27th as we gathered at the Sunset Ridge Golf Center for our monthly breakfast. What a crowd! We had Pat (fresh out of rehab) and Keith McKay, Erica Erskine, Paul and Sandy Berthelot, Bill and Debbie Hood, Bob and Rose Bullock, Stan, Jan and Brenna Ferguson,

Bonnie Ward, Wes and Jeannie Lingerfelt, Sharon Duncan, Christine Clason, Ralph Bishop and Don and Sylvia Nasholm. Our prizes this month were from C&G Gemcrafts. New



member, Bonnie Ward won the first draw and chose a sphere and Sharon Duncan was our second draw and she won an onyx carved fish. There was plenty of good conversation and good food to go around. Come join us next month at the Girls in Arroyo Grande on Grand Ave at 9:00 am on April 24th. Sylvia

## Hearts In Stone

**Wayne Mills**

OK, not hearts exactly, but our "inimitable" Mr. Ralph Bishop presented a lively discussion about the process of concretion creation, the finding of same on the beaches of the Santa Barbara coast, and some interesting digressions.

The pictures below show some of Ralph's top 1% of the concretions he has found over the 20 or so years he has been collecting these objects. One of his recent finds is a palm leaf preserved in an 80-pound concretion found in the oil shale strata of the Monterey Formation— one of the most widespread



sedimentary formations in California. *Two of Ralph's best concretions- a complete shark's jaw, and a fossil palm leaf. Photo by Wayne Mills.*

The age of

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these rocks is about 12 million years before present. Ralph did not mention, but it is interesting to note that the Monterey Formation fossils that are found along the Santa Barbara coast lived about 470 miles south of their current location, assuming a continuous 2.5-inch per year movement along the San Andreas Fault. That could help account for the palm trees that don't (naturally) occur in the Santa Barbara area today.

The concretions were formed as the fossil lay in the seabed, and the process of decomposition cemented the mud surrounding the fossil.

Ralph described his method for revealing the fossils. He makes several lengthwise and cross-cuts with a diamond blade saw around the fossil, and gently chips the waste material away, (hopefully) leaving the fossil intact.

The most predominant fossil in the concretions is carbonized and agatized wood, but other fossils preserved in these concretions include whale skulls and vertebrae, shark jaws (well, one anyhow), and dolphin remains.



*Some of Ralph's other concretions—a mold of a whale brain case, and a couple of agatized limbs. Photo by Wayne Mills.*

## Hearts of Stone

Wayne Mills

The display theme for our February meeting was **heart-shaped rocks** and **local rocks**.



*Elaine Von Achen's rock hearts. Photo by Wayne Mills*

Five folks came through with displays honoring the theme, including our guest speaker, Ralph Bishop.

Other displayers were:

Board member Jan Ferguson, Jeannie Lingerfelt, OMS Secretary Elaine Von Achen, and Wayne Mills. President Sylvia Nasholm thanked all participants for their "excellent displays"

. It has been suggested that the OMS board consider awarding an extra door prize activity ticket to all members displaying at a given meeting. This would

hopefully increase the number of displays at our *Jan and Stan Ferguson's Crystal hearts*. *Photo by Wayne Mills* meetings. We assume that every-one in the club has rocks, and with our monthly field trips, has ample



opportunity to collect new ones, so why not share your treasures with others?

*Jeannie Lingerfelt's lovely Wirewrap. Photo by Wayne Mills.*

As we have stated before, it is not who has the best rocks or



display (except for November's 1 x 1 competition), but the mere act of participating in our club's activities that makes for a richer experience for everyone.



*Wayne Mills' hearts and local rocks. Photo by Wayne Mills.*

## Sunshine



We are hoping that Lucky Virgin is feeling better these days. Bob Bullock is over his bug, and his wife, Rosie is making a good recovery from her surgery. Pat McKay is recovering well from her injuries from a fall, and is back home again.

## Supervisors must reduce dunes pollution Nell Langford

*Pismo Beach.* The San Luis Obispo Health Commission took a bold heroic step at its March 8 meeting, regarding the APCD Phase 2 Study. It passed two motions to advise the Board of Supervisors to do everything possible to stop the health-threatening air pollution from the ODSVRA immediately, and to inform the public about the dangers. Among the actions the BOS can take are:

1. Use its police powers to impose a temporary moratorium on off-roading to protect public health, as authorized by its Planning area (South County) Standards for Pismo State Beach and State Vehicular Recreation Area, and California Coastal permit.
2. Give OHV a 30-day notice that it will discontinue its month-to-month operational agreement regarding county-owned land, the La Grande Tract, which is more than 40 percent of the riding area. If the agreement is

discontinued, the OHV will have no access to the rest of the riding area on state land either, since the beach between the two properties is a plover nesting closure from March 1 to Sept. 30.

3. Enforce the county's "buffer area" that begins at Pier Avenue. This will preclude the only access to the ODSVRA for the noisy hoards of fossil-fuel machines that speed down a public beach, through a creek, and through the shoreline ecosystem of a natural preserve.

4. Evacuate residents on the mesa and Oceano Beach where particulate matter surpasses health standards, so that off-roaders can continue to break the dune's crust upwind of the mesa and drag dust down Pier Avenue.

### Ventura Show a Gem

Wayne Mills



One of my favorite shows of the year (well, I really like them all), this one was fun.

*Ventura 2010 Show. Photo by Wayne Mills.* They had abundant crowds, great activities for kids, top-notch dealers, and several trophy-worthy displays.

Wes and Jeannie Lingerfelt were in their usual position near the front door to the hall, and they were quite pleased with the attendance. Wes said that last year was his best year, and he said the same thing this year!

After a quick round of the dealers and cases, I stopped to talk to a few friends, Don and Cherie George, Ishmael Sanchez, Jerry Jerowitz, and Adam and Teresa Dean, among others. Then I went back through the cases, and took a few pictures of my favorites.

I had to give the Rock Chippers my favorite club case based on their cool logo, and the quality of items



on display. *Woodland Hills Rock Chippers Case Photo by Wayne Mills.*

Best case was a

tough call, but the most creative (to me) was this delightful rock shop fabricated by Linda Morley and

Lois Fret of the Palmdale Gem and Mineral Club. My understanding is that it takes a truck to move, and three hours to set up. Members of the Palmdale Club contributed their talents on making some of the furnishings. It is roughly three feet by four feet in layout, and perhaps three feet tall.

*Palmdale Club Case. Photo by Wayne Mills.*

The details inside this display are



amazing, including a mini Jeannie polishing machine, mortar and pestle, and magazine rack-with magazines!

At lunchtime, I sat with Ishmael and Teresa, and learned that Ishmael's Mineral Mites have separated from the Kern County Club, and are now on their own with the support of the Mite's parent group and the California Federation. Ishmael has been leading the Mites for the last fourteen years, and his selfless dedication to his group is praiseworthy. The group is now meeting in the Buena Vista Museum. Ishmael is one of a few folks in CFMS who recognize that the future of our hobby is in the hands of today's youth.

*The Mineral Mites' Case with Certification from CFMS. Photo by Wayne Mills.*



From Teresa Dean, I learned that hers' and Adam's (The Agate Hunter's) wedding in

Afton Canyon last year was a great success, and that their honeymoon was in East Texas, where they collected rare and lovely plume agate in a variety of colors. In addition to the new source of plume agate they found (and claimed) in Afton Canyon, they should have some great materials at our August show.

Chuck Eastman, a frequent displayer in our show had a jaw-dropping (if you are a petrified wood fancier) case of cycad fossils, one of which came from Yellow Cat Flat in Utah. I didn't even know it occurred there!

I would be remiss not to mention my favorite jeweler of the show. Lois Allman has been plying her pliers for many years, and has produced jewelry that is elegant, and finely crafted. This picture of a portion of her case speaks for itself.



*Lois Allman's Display. Photo by Wayne Mills*

I found a couple of minerals I was looking for at the show, got some faceted stone cases from David Walbloom, and even picked up a new plant (one of the nice features of the Ventura show is their plant table). I even did a little metal detecting on the beach—found \$.13 too, so all in all, I had a great day. I recommend you put the Ventura show on your calendar for next year.

## Birthdays & Anniversaries

Celebrating birthdays in April are Bob Bullock, Karen Dry, Donna Lehman, & Kim Noyes.

A very Happy Birthday! to you all.

Celebrating wedding an Anniversary this month are Elaine & John Von Achen.

We wish for you many more!



## The American Agate-Jasper Index

From Rockhound Rambling February 2010

Condensed by Wayne Mills

The February Rockhound Rambling Newsletter of the Ventura club contained a most interesting article about an attempt to assemble an index to the agates and jaspers of the United States in a virtual catalogue that would be available over the internet. The authors, Mel Hixon and Lowell Foster, solicit pictures of rocks from known and obscure locations in each of the states to be used in their book. Apparently, Volume 1—Mountain States: Utah-Colorado-Wyoming-Montana and Idaho is nearing completion. Photos of rocks from various locations should be sent to: [lowellfos@yahoo.com](mailto:lowellfos@yahoo.com).

The article mentions that the project is ongoing at the Rock Tumbling Hobby Site (<http://www.rocktumblinghobby.com/index.html>), but I could find no mention of the project there, but some interesting information on tumbling!

The guide would not have directions to finding the specimens, only pictures of the materials coming from each location.

## Omnibus Public Land Management Act of 2009

**February 22, 2009, 9:43 pm Eastern, WorldNet Daily**  
WASHINGTON : A land management bill that swept through the U.S. Senate last month and is headed for a House vote this week punishes rock collectors and paleontologists with arrest and expropriation of their cars and other equipment for even unknowingly disturbing fossils on public land, say critics.

In the Omnibus Public Land Management Act of 2009, a "forfeiture" provision would let the government confiscate "all vehicles and equipment of any person" who digs up or removes a rock or a bone from federal land that meets the bill's broad definition of "paleontological resource," says a report by Jon Berlau of the Competitive Enterprise Institute.

"The seizures could take place even before a person and even if the person didn't know they were taking or digging up a `paleontological resource,'" writes Berlau. "And the bill specifically allows the `transfer of seized resources' to `federal or non-federal' institutions, giving the government and some private actors great incentive to egg on the takings."

Tracie Bennett, president of the Association of Applied Paleontological Sciences, is protesting the bill's vague language and severe penalties.

"We can visualize now a group of students unknowingly crossing over an invisible line and ending up handcuffed and prosecuted," she wrote to members of Congress.

Subtitle D of the bill called the "Paleontological Resources Preservation Act" would make it illegal to "excavate, remove, damage, or otherwise alter or deface or attempt to excavate, remove, damage, or otherwise alter or deface any paleontological resources located on Federal land" without special permission from the government.

"Paleontological resource" is defined in the bill as "any fossilized remains, traces, or imprints of organisms, preserved in or on the earth's crust, that are of paleontological interest and that provide information about the history of life on earth."

Penalties for violations include up to FIVE YEARS IN JAIL.

Berlau believes picking up rocks could be interpreted as a violation of the law since most would fit the broad definition under the law.

The forfeiture provision is effective before a trial and conviction, making the defendant guilty until proven innocent, Berlau suggests.

Berlau believes the House will take up a vote on the bill this week. He is urging Americans to contact representatives before the bill, known both as S. 22 and the "Omnibus Public Land Management Act of 2009" is approved, as expected, and heads to the White House for President Obama's signature.

**Omnibus Public Land Management Act of 2009 -**  
*Authorizes specified programs and activities in the*

*Department of the Interior and the Department of Agriculture concerning, among other things, national wilderness preservation, boundary adjustments, national rivers, the national landscape conservation system, national conservation areas, land conveyances and exchanges, watershed management, watershed restoration and enhancement, wildland firefighter safety, forest landscape restoration, national trails, paleontological resources preservation, wolf livestock loss, national parks, studies, infrastructure, advisory commissions, national heritage areas, national heritage corridors, water projects, tribal water rights, ocean exploration, NOAA (National Oceanic and Atmospheric Administration) undersea research, ocean and coastal mapping integration, the integrated coastal and ocean observation system, federal ocean acidification research and monitoring, and coastal and estuarine land conservation.*

*Makes amendments to various public laws, including the Oregon Wilderness Act of 1984, the Wild and Scenic Rivers Act, the Omnibus Parks and Public Lands Management Act of 1996, the National Trails System Act, the Alaska National Interest Lands Conservation Act, the National Parks and Recreation Act of 1978, the National Park Service Concessions Management Improvement Act of 1998, the Quinebaug and Shetucket Rivers Valley National Heritage Corridor Act of 1994, the Delaware and Lehigh National Heritage Corridor Act of 1988, the Erie Canalway National Heritage Corridor Act, the Reclamation Wastewater and Groundwater Study and Facilities Act, the Colorado River Storage Project Act, the National Geologic Mapping Act of 1992, the Coastal Zone Management Act of 1972, the Fisheries Restoration and Irrigation Mitigation Act of 2000, and the Alaska Natural Gas Pipeline Act.*

*Ominous Forfeiture provisions in new bill restricting use of Federal Land.*

*This is serious stuff guys and has been read in the House January 17, 2009 and in Senate now and will be on way to Presidents desk on Fast Track Legislation.*

This needs to be passed on to all ROCK COLLECTORS, PROSPECTORS, JEWELRY MAKERS, JEWELRY BUYERS, OTHER STONE ARTISANS and all that are FED UP with Government LAND GRABS to CONTACT YOUR REPRESENTATIVES as it will severely reduce mineral and gem stone collecting and make criminals of all of us.... the seedy underbelly of the gem trade?

Even at their whim HUNTERS and OUTDOORSMEN, OFF ROAD RIDERS could be banished from areas that are deemed "Paleontological" especially here in the Southwest. By definition if a fly walked on a piece of soil, left prints and it fossilized, now it is in the area. You have discovered it and being jailed and your possessions on site for doing it... Crazy? Depends on how you read the law.

Mining costs and prices for American material gem will

go sky high.

Nothing more than another Land Grab to keep people out of Public Lands.

## 507-carat rough diamond sold for record \$35M

*San Francisco Chronicle, Friday, February 26, 2010 (02-26) 09:17 PST London, United Kingdom (AP)* Diamond supplier Petra Diamonds Ltd. said Friday it sold a 507-carat diamond for \$35.3 million (euro 25.8 million), breaking the record for the highest price ever paid for a rough diamond. The stone — as big as a chicken egg and weighing just over 100 grams (3.53 ounces) — was estimated as among the world's top 20 high-quality rough diamonds. It was discovered in September at South Africa's Cullinan mine.

London-listed Petra said the gem was purchased by Hong Kong-based private jewelry retailer Chow Tai Food Jewelry Co. Ltd.

*Photo from Petra Diamond Group*

The price reflected, "The incredible rarity of the diamond, which combines its remarkable size with exceptional color and clarity, and at 507.5 carats it is the 19th largest gem diamond ever discovered," Petra CEO Johan Dippenaar said in a statement.

"It has the potential to produce one of the world's most important polished gems," he added.

The Cullinan mine, located east of Pretoria, South Africa, was sold by De Beers SA to a consortium led by Petra in 2007 for 1 billion rand (\$148 million).

The mine has turned out some of the world's largest gems, including the 3,106-carat Cullinan Diamond that was cut to form the 530-carat Great Star of Africa and the 317-carat Lesser Star of Africa set in the Crown Jewels of Britain.

Source: <http://www.sfgate.com/cgi-bin/article.cgi?f=/n/a/2010/02/26/international/i091739S58.DTL>

## What are *those* fibers in my rose quartz?

- Bill Cordua, U. Wisconsin D River Falls

Most of us are curious about the variety of colors in quartz. Rose quartz is one of the loveliest types, and many of us have specimens or jewelry of rose quartz. What accounts for its delicate pink color? Recent work cast some light on its origin - apparently it is due to the presence of a close relative of the mineral dumortierite.

**The breakthrough discovery** was work done in 1987 by 2 geologists at the University of Missouri at Columbia, Ken Appin and Brian Hicks. They were doing studies on the etching of various types of quartz. They discovered in one of their samples, a rose quartz from the Ruby Range



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of Montana, and masses of pink fibers on the sample surfaces after etching in hydrofluoric acid. The color of the fibers was spectrally the same as the pink color of the quartz specimen. Testing by X-Ray diffraction convinced them that the fibers were a mineral called

*Dumortierite*, and that they were responsible for the pink color of that particular quartz.

*Dumortierite* is a complex boron-bearing silicate. It was named for a French paleontologist, and has been known as a mineral since 1881. It is generally found in fibrous to columnar aggregates and is usually an attractive pink to blue to purple in color. The particular concentration of **trace amounts of iron and titanium** seems to control the color seen. *Dumortierite* is often found in granite pegmatites, high temperature hydrothermal veins, and in high-grade regional metamorphic rocks where boron was available during metamorphism. Sometimes interesting collector specimens occur from Maine, California, New Mexico and elsewhere. Lapidary quality *dumortierite* occurs in South Africa and other locations.

Appin and Hicks work was followed by Julie Goreva, Chi Ma and George Rossman at Cal Tech. In a paper published in 2001, they looked for pink fibrous material in rose quartz from 29 localities from around the world. All of the samples they tested had such fibers. The fibers were very small, best described as nano-fibers 0.1 to 0.5 micrometers wide (about 0.00002 inches). Their optical patterns again matched the pink color of rose quartz. X-Ray diffraction, Raman spectroscopy and other analytical tests showed that these fibers were from a mineral close to, but not exactly like, *dumortierite*. The scientists concluded the rose color of all massive rose quartz was due to this material.

Later work by this same team further characterized this material as a *dumortierite* relative. The only significant difference is the relatively large amount of iron replacing aluminum at a particular location in the mineral structure.

Whether or not this will constitute a new mineral remains to be seen. At this point then it is hard to tell some one exactly what this material is. Yes, it is like *dumortierite*, but really isn't technically, and doesn't have an official name. I could suggest it be called *that pink fibrous dumortierite-like stuff in the rose quartz*. A bit unwieldy, but, (to paraphrase the Bard), to a mineral collector, wouldn't the coloring agent of rose quartz by any other name, still look so sweet?

### References:

Applin, Kenneth and Brian Hicks, 1987, *Fibers of dumortierite in quartz*, American Mineralogist, v. 72, p. 170-172.

Goreva, Julia, Chi Ma and George Rossman, 2001, *Fibrous nano-inclusions in massive rose quartz: The organ of rose coloration*, American Mineralogist, v. 86, p. 466-472.

Ma, Chi, Julia Goreva and George Rossman, 2002, *Fibrous nano-inclusions in massive rose quartz: HRTEM and AEM investigations*, American Mineralogist, v. 87, p 269-276.

Via Breccia July 2009

## Bits and Bytes

Wayne Mills

History of Biggs and Deschutes Jasper, Oregon

<http://rockhoundblog.com/regular-postings/the-history-of-biggs-jasper-deschutes-picture-jasper-oregon/>

A site for metaphysical properties of stones

<http://www.mineralszone.com/gemstones/sodalite.html>

## Gallery

*Louisa of the Ventura Club posing with a cast of an Allosaurus. Picture by Wayne Mills.*



## Orcutt Mineral Society

### Board Meeting Elwin Mussell Sr. Center, Santa Maria, Ca. 93454 March 2, 2010

President Sylvia Nasholm called the meeting to order at 7:00 p.m.

Members present were Wes Lingerfelt, Debbie Hood, Gloria Dana, Jan Ferguson, Sylvia Nasholm, Don Dana, Mike Henson, Elaine Von Achen, Sandy Berthelot and Sharon Duncan. Guests included Bill Hood and Paul Berthelot.

**Minutes:** Minutes from the February General Meeting were approved as printed in the March newsletter.

**Treasurer's report:** Wes Lingerfelt gave the treasurer's report. It was accepted as given.

**Correspondence:** None.

**Committee Reports:**

**Abused Children:** None.

**Annual Gem Show:** Wes Lingerfelt said he has received about half of the contracts back.

**Breakfast:** March's OMS breakfast will be held at the Sunrise Grill at Sunset Ridge Golf Center, 1424 W. Fairway Drive in Santa Maria on the 27th at 9:00 a.m.

**Bulletin:** Debbie Hood reported the bulletin as out on the web and paper copies are have been mailed.

**CFMS:** None.

**Education:** None.

**Field Trip:** None.

**Highway Clean-up:** The next clean-up will be held March 20. Members will meet at Highway 101 and 166 at 8:00 a.m.

**Library:** None.

**Membership:** Elaine Von Achen read an application for membership from Joe Martines. Debbie Hood made a motion that we accept Joe for membership. The motion was seconded by Sandy Berthelot. Motion passed.

**Refreshments:** None.

**Scholarships:** Wes noted that he had a check for \$750.00 ready to go out to Hancock College.

**Sunshine:** Debbie said that Lucky Virgin has been having some problems with an irregular heart beat and was seeing a doctor.

**Old Business:**

Don Dana noted that the building committee has had a second meeting and are up for suggestions for fund raising. There were a lot of ideas tossed out and Don is going to look into some of the suggestions.

**New Business:**

Gloria Dana will be opening an Art Studio at 426 Calisto Lane, Nipomo. She will be having an open house on a date to be determined.

Sharon Duncan announced that the tee shirt order for the ladies v-neck shirts has come in. She also has some jackets, which she will bring to the general meeting. Jackets will sell for \$20.00. She has an order in for two extra small for our Jr. members.

The program for March's general meeting will be "Uranium Exploration, Part II" and will be presented by Steve Pavlak.

The display for March is red rocks.

Refreshments will be cake and coffee.

Steve Beitman from Central Coast Gem Labs is scheduled for our April program.

The April display will be agates.

The meeting was adjourned by President, Sylvia Nasholm at 7:55 p.m.

Respectfully submitted:

Elaine Von Achen, Secretary, OMS

## **Orcutt Mineral Society General Meeting Elwin Mussell Sr. Center, Santa Maria, Ca. March 9, 2010**

President Sylvia Nasholm called the meeting to order at 7:10 p.m.

Mike Henson gave the invocation.

Joseph Martinez led the flag salute.

Sheriff, Bill Hood, said everyone had badges.

**Minutes:** Elaine Von Achen read the minutes of the previous board meeting. Minutes were approved as read.

**Treasurer's report:** Wes Lingerfelt gave the treasurer's report. It was accepted as given.

**Correspondence:** Elaine Von Achen reported fliers from various clubs announcing their annual gem and mineral shows as well as a newsletter from The Carmel Valley Gem and Mineral Society.

**Hospitality:** Sharon Duncan reported 43 members and 4 guests in attendance. Guests included Sharron Babcock, Bonnie Ward, Andy Adkins and Debbie Simonson. Guests were greeted and thanked.

**Refreshments:** Margaret Henson thanked Lee Reyburn, Joellen Chrones and Alexis Van Natta for their generous donations of cake for the evening's refreshment. The club thanks Margaret as well as she brought not only cake but sliced apples to share.

**Committee Reports:**

**Abused Children:** Jan Ferguson reported the evening's prizes for the March drawing as a fossil fish donated by Steve Riegel and won by Stan Ferguson; a Mexican fire agate won by Sharon Duncan; a Virgin Valley fire opal won by Alexis Van Natta and a Mexican crazy lace agate won by Lee Reyburn.

**Breakfast:** March's breakfast will be held at the Sunrise Grill at Sunset Ridge Golf Center, 1424 W. Fairway Dr. in Santa Maria on March 27, 2010 at 9:00 a.m.

**Budget & Audit:** Sylvia Nasholm requested Don Nasholm to perform an audit of our books for the last year. Don agreed to perform the audit.

**Bulletin:** The Bulletin is out and everyone received his or her copy.

**CFMS:** None

**Door Prize:** Bob Bullock reported some of the evenings prizes as hematite necklaces donated by Lucky Virgin as well as a piece of copper ore, Brazilian Amethyst and much more. The grand prize is a rock hammer.

**Education:** None.

**Gem Show:** None.

**Historian:** None.

**Field Trip:** The March field trip will be held on the 13<sup>th</sup> and will be to Carrizo Springs. Members will meet at the Elwin Mussell Sr. Center at 8:00 a.m. and are asked to bring water, a sack lunch and a jacket.

**Highway Clean-up:** Wayne Mills said the next clean-up will be March 20<sup>th</sup> with members meeting at

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Highways 101 and 166 on the South East corner at 8:00 a.m.

**Library:** None.

**Locker Clean up:** None.

**Membership:** Elaine Von Achen announced Joe Azevedo as a new member. Joe was not present but will be welcomed at the next meeting. She also welcomed Donna Lehman who joined last month.

**Political Action Committee:** None.

**Property:** None.

**Scholarships:** None.

**Sunshine:** None.

**Old Business:**

Sharon Duncan said she had new tee shirts and jackets available for sale.

**New Business:**

Sylvia Nasholm had two wire wrapped pendants to be put on display. They were wrapped by Lee Reyburn who donated them to the treasure chest. Lee's donation was the first for this year. Sylvia reminded everyone to be thinking about what they were going to donate this year.

April's general meeting program will be given by Steve Beitman from Central Coast Gem Labs.

April's display will be agates.

The meeting was adjourned by President, Sylvia Nasholm at 9:00 p.m.

Respectfully submitted:

Elaine Von Achen, Secretary, OMS.

	Contact Bob Bullock at 928-6372 for details
April 24, 2010 Saturday. 9:00 to 10:00 a.m.	OMS Monthly Breakfast-at the Girls Restaurant at 1237 E. Grande Ave., Arroyo Grande.
<b>May 2010 Calendar</b>	
Tuesday May 4, 2010 7:00 to 8:30 p.m.	OMS Board Meeting-Elwin Mussell Senior Center. All members are welcome at this business meeting.
Tuesday May 11, 2010 7:00 to 9:00 p.m.	OMS General Meeting-Elwin Mussell Senior Center. <ul style="list-style-type: none"> <li>• Program-Steve Biteman on Gemology</li> <li>• Display:</li> <li>• Refreshments-Pies</li> </ul>
Saturday May 12, 2010 8:00 a.m. to 5:00 p.m	<b>Avila Beach</b> -Meet at Mussell Senior Center parking lot. Enjoy a warm spring day on the beach collecting DeeDeite. Bring lunch, water and a good eye for the local odd stuff. Easy access to an excellent collecting area. Contact Bob Bullock at 928-6372 for details.
Saturday May 17, 2007 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 May 22, 2010 9:00 to 10:00 a.m.	OMS Monthly Breakfast-Hometown Buffet, Santa Maria. For information call Sylvia Nasholm at 481-0923.

<b>April 2010 Calendar</b>	
Tuesday April 6, 2010 7:00 p.m. – 8:00 p.m.	OMS Board Meeting Mussell Senior Center. All members are welcome at this business meeting.
Saturday April 10, 2010 9a.m. – 12 p.m.	OMS Locker Cleanup Empty, Sweep and re-stack
Tuesday April 13, 2010 7:00 to 9:00 p.m.	OMS General Meeting Elwin Mussell Senior Center. <ul style="list-style-type: none"> <li>• Program- Steve Beitman on Gemology</li> <li>• Display-Agates</li> <li>• Refreshments-Cookies</li> </ul>
Saturday April 17, 2010 8:00a.m. to ? p.m.	<b>Field Trip Field Trip to Figueroa Mountain</b> -Meet at Mussell Senior Center parking lot. Explore old jasper trails, serpentine outcroppings, and wildflowers in full bloom. Fill your gas tank (no services on the mountain,) and bring a lunch and water. Adventure pass required.

**CFMS SHOWS 2010**

**April 10-11, 2010, Lancaster, CA  
Antelope Gem & Mineral Society**

Lancaster High School  
44701 - 32nd Street West  
Hours: 9-5 daily  
Vivian Watts (760) 373-1309  
Email: [Vivea22@yahoo.com](mailto:Vivea22@yahoo.com)  
Email: [av\\_gem@yahoo.com](mailto:av_gem@yahoo.com)

**April 10-11, 2010, Mariposa, CA  
Mariposa Gem & Mineral Society**

Mariposa Co. Fairgrounds  
Hwy #49, 1.8 miles South of Mariposa  
Hours: 10-4 daily  
Mineral Museum (209) 742-7625  
Email: [mineralmuseum@sti.net](mailto:mineralmuseum@sti.net) dd>Website:  
[www.thematrixmariposagemineralclub.info/](http://www.thematrixmariposagemineralclub.info/)

**April 10-11, 2010, Paradise, CA  
Paradise Gem & Mineral Society**

Elks Lodge  
6309 Clark Road  
Hours: Sat 10-5; Sun10-4  
Manuel Garcia (530) 877-7324



Email: [mmpg@earthlink.net](mailto:mmpg@earthlink.net)

**April 16, 17, 18, 2010, San Jose, CA**  
**Santa Clara Valley Gem & Mineral Society**  
 Santa Clara County Fairgrounds  
 334 Tully Road  
 Hours: Fri 9-5, Sat & Sun 10-5  
 Frank Mullaney (408) 265-1422  
 Email: [info@scvgms.org](mailto:info@scvgms.org)  
 Website: [www.scvgms.org](http://www.scvgms.org)

**April 24-25, 2010, Newbury Park, CA**  
**Conejo Gem & Mineral Club Show**  
 Borchard Park Community Center/dd>  
 190 Reno Rd. & Borchard Rd.  
 Hours: Sat. 9-5 - Sun. 10-4:30  
 Robert Sankovich (805) 494-7734  
 Email: [rmsorca@adelphia.net](mailto:rmsorca@adelphia.net)  
 Website: <http://www.cgams.org>

**April 24-25, 2010, Santa Cruz, CA**  
**Santa Cruz Gem & Mineral Society**  
 Santa Cruz Civic Auditorium  
 Church St. & Center St. (corner)  
 Hours: 10-5 daily  
 Dean Welder (408) 353-2675  
 Website: [www.scmgs.org](http://www.scmgs.org)

**April 30 - May 1-2, 2010, Bishop, CA**  
**Lone Pine Gem & Mineral Society**  
 Tri-County Fairgrounds (Robinson Bldg.)  
 Corner of Sierra St. & Fair Drive  
 Hours: Fri. 6-9, Sat. 9:40-4, Sun. 10-3  
 Francee Graham (760) 876-4319  
 Email: [franceem@quet.com](mailto:franceem@quet.com)

**May 1-2 2010, Anaheim, CA**  
**Searchers Gem and Mineral Society**  
 Brookhurst Community Center  
 2271 West Crescent Ave.  
 Hours: Sat. 10 - 5, Sun. 10-4:30  
 Marty Swiderski  
 Email: [Martin.Swiderski@jacobs.com](mailto:Martin.Swiderski@jacobs.com)  
 Website: [www.searchersrocks.org](http://www.searchersrocks.org)

**May 8-9 2010, Reno, NV**  
**Reno Gem and Mineral Society**  
 Reno Livestock Events Center Exhibit Hall  
 1350 N. Wells Ave., Reno, NV  
 Hours: Sat. 10 - 5, Sun. 10-4  
 Ann Johnson (775) 544-4937  
 Email: [ann.johnson@gmail.com](mailto:ann.johnson@gmail.com)  
 Website: [renorockhounds.com](http://renorockhounds.com)

**May 14, 15, & 16 2010, Anderson, CA**  
**Superior-Cal Gem and Mineral Society**  
 Shasta Fairgrounds  
 1890 Briggs St.  
 Hours: Fri. 10-5; Sat. 9 - 5; Sun. 10-4  
 Bob Davis (530) 824-6214  
 Email: [mcdavis@hughes.net](mailto:mcdavis@hughes.net)

**May 15-16 2010, Yucaipa, CA**  
**Yucaipa Valley Gem & Mineral Society**  
 Yucaipa Community Center  
 34900 Oak Glen Road  
 Hours: Sat. 9-5, Sun. 10-4  
 Bill Jochimsen (909) 790-1475

Email: [bjm2285@aol.com](mailto:bjm2285@aol.com)

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

**Convention/Show Information**  
**AFMS/CFMS Annual Show & Convention**  
**June 18 - 20, 2010**  
**La Habra/Whittier, CA**



**AFMS/CFMS**  
**2010 Gem Show**



Hosted by:  
 North Orange County Gem & Mineral Society

Games  
 Displays  
 Raffle Prizes  
 Gems & Jewelry  
 Sponsoring:  
 La Habra Youth

Fossils  
 Kids Room  
 Food

Admission: \$6.00  
 Children under 14 Free  
 (with an adult)

**Free Parking**

**HIDDEN TREASURES**

June 18 - 20, 2010  
 Fri. - Sun. 10 a.m. - 5 p.m.



So. CA University of Health Sciences  
 16200 E. Amber Valley Dr. Whittier, CA 90604  
 Information: (626) 330-8274 - odwarthen@verizon.net  
 or (626) 598-2458 - dsnoegen@aol.com  
[omsinc.org](http://omsinc.org) - noogms.com



**Hosted by the North Orange County Gem & Mineral Society**

Dues are due and must be paid by the March meeting to be included in the Redbook. \$24.00 for Individual, \$34.00 Per Couple, \$ 5.00 Each Additional Family Member, Juniors under age of 18, \$10.00.

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**OMS Webmaster - Wes Lingerfelt - (805) 929-3788.**

Check out our OMS web site at <http://omsinc.org> or send e-mail to [info@omsinc.org](mailto:info@omsinc.org).

**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 Elaine Von Achen (805) 929-1488

**2010-OMS Officers**

## Ore-Cutts

Pres.	Sylvia Nasholm	(805) 481-0923
Pres. Elect	Gloria Dana	(805) 929-6429
Secretary	Elaine Von Achen	(805) 929-1488
Treasurer	Wes Lingerfelt	(805) 929-3788
Immed. Past Pres.	Debbie Hood	(805) 481-6860
Federation. Rep.	Wes Lingerfelt	(805) 929-3788

### 2010-OMS Board Members

Sharon Duncan	(805) 478-9359
Jan Ferguson	(805) 474-9977
Sandy Berthelot	(805) 349-3977
Don Dana	(805) 929-6429
Mike Henson	(805) 934-1308



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

***ADDRESS CORRECTION REQUESTED***

