



Ore-Cutts

Volume XLVI Number 12

December 2012

The Prez Box

By Wayne Mills, (Next Prez)

Since Madam Prez is still recovering from her knee surgery, I get to do this again.

Our Annual meeting will be December 8 at Santa Maria Terrace, 1405 E. Main Street, Santa Maria. If you haven't gotten your tickets yet, please contact Bill Hood (805 481-6860) by December 1. The cost to members is \$12.50. The meeting will feature a full Holiday Meal, awards, an interesting video clip from the CFMS Director's meeting, the election and installation of our new officers, and a "Pirate Gift Exchange" (please bring a \$10 rock-related gift if you wish to participate).

Our November meeting featured a thought-provoking talk by Dr. Bob Gray of Santa Barbara City College. Dr. Gray was convincing in his argument that the dinosaurs did survive the Cretaceous/Paleocene extinctions in the guise of modern birds. More on the inside.

Elections: We did not get to the repetition of the slate of candidates for 2013 officers and board because of our uncertainty over what constitutes a quorum (my bad). So, after checking our current bylaws (which, by the way are posted on our website), we find that in Article IX, a quorum is one-third of the total membership. According to the Red Book, we have 59 members, so a quorum is 20 folks. We will be reading the slate of proposed officers and board members, asking for new nominations, and conducting the elections at our Annual Meeting.

Programs: We polled the members at our November meeting as to their choices for programs and got some interesting results (see inside for these). If you didn't cast your vote, copy the form from the November Ore Cutts and submit to me (Wayne Mills) for tabulation before the end of the year.

Advanced Planning: The Calendar of our planned activities for 2013 is posted on our website: omsinc.org. Please copy this and put the important dates from it into your 2013 Planner, so you have the days free for things like highway clean-up, board, general, annual and semi-annual meetings, breakfasts and field trips.

Speaking of field trips, what if you gave one and nobody came? I was at the Santa Lucia Club Tailgate on November 17, from about 8:00 a.m. to 10:00 a.m., and saw no one from our club. More details inside.

Birthdays & Anniversaries

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



December Birthdays are: Jeanne Brown (01), Truman Burgess (06), Bob Bullock (09), Karen Dry (22), Sandy Berthelot (16), Peggy Johnson (22), Lee Reyburn (23), and Samantha S (28). Happy Birthday to all of you and many more!



December Anniversaries include: Sir Paul and Marie Howard (22), and Pat Nuernberg (28). Congratulations!

Wayne's display entitled "Great Balls of ..." featured 9 different-sized spheres of various materials.



Jan took home the Rainforest Jasper sphere that had been brought for the 1 x 1 prize, and Wayne will pick his prize up at a later date. We did not count on a tie vote, especially with 29 folks voting!

WHAT YOU SAID

Wayne Mills, president-elect (Program Chair)

At the November meeting, we passed around ballots asking members about their program preferences for the coming year. With about half of our members at the meeting, we got a pretty good sample of member's choices, but we will accept ballots (printed in the November Ore-Cutts) from those who have not yet voted until the end of 2012. Please add your name to the top of the ballot and send it to Wayne Mills for tabulation.

So far, the most popular program choices and the votes they received from 29 folks (with 5 choices each) are: wire wrapping (13), stone carving and dinosaurs (12), gem trees (11), sphere making, agates and fossils (10), prospecting for gold (8), earthquakes (7), and cabochons and field trips (6).

THE FARTHEST GALAXY

From an internet article

Astronomers have recently found the most distant galaxy (so far) in the universe by combining the power of NASA's Hubble and Spitzer Space telescopes and one of Nature's own natural "zoom lenses" in space.

The galaxy, called MACS0647 was formed about 420 million years after the "Big Bang" since its light takes 13.3 billion (light) years to reach earth. The beginning of the universe is estimated at 13.7 billion years ago. Read more at: fb.trove.com/

Feathered Dragons and the KT Boundary

By Wayne Mills, OMS from a talk by Dr. Bob Gray SBCC

Simplified Geologic Time Scale

Era	Epoch	Years Before Present (In millions)	
CENOZOIC	Paleocene	56-66	
	MESOZOIC	Cretaceous	66-145
		Jurassic	145-201
	Triassic	201-252	
PALEOZOIC	Permian	252-299	

In November 2012, Dr. Bob Gray from Santa Barbara City College gave a presentation to OMS entitled "Feathered Dragons or the Mistaken Extinction". His premise was that the dinosaurs really did not die out at the end of the Cretaceous Period (some 65 million years ago), but that they live today in the Phylum Aves (birds). Dr. Gray showed convincing similarities in the co-evolution of the dinosaurs and the birds, and indicated some of the areas where the distinctions between the two became blurred.

Gray did not dispute that many of the larger dinosaurs, and about 85 percent of all species that were living at the end of the Cretaceous Period suddenly perished when the meteor that created the Chicxulub crater, crashed into the ocean and the northwest coast of what is today called the Yucatan Peninsula. The crater left by the meteorite is 180 km (110 mi) across, and tektites from the impact have been found as far north as Wyoming¹. The crater has been determined to be one of the largest impact features on earth. The impacting meteorite is estimated to have been 10 km (6.2 mi) in diameter and to have delivered an amount of energy 2 million times greater than the largest man made explosion, and about 400 times greater than the largest volcanic explosion ever experienced on Earth².

The first known bird was called *Archaeopteryx*, and its fossils are found in the Jurassic-aged Solnhofen Limestone Formation in southeastern Germany. To date, only 12 specimens of *Archaeopteryx* have been found, all in the same

¹ <http://miac.uqac.ca/MIAC/chicxulub.htm>

² http://en.wikipedia.org/wiki/Chicxulub_crater

formation³. The bird had many characteristics of modern birds, with a few exceptions. One of these is that it had teeth! The fact that the bird was so well developed suggests to some workers that there are other, more primitive bird relatives out there. Well, there are...

The earliest and most primitive theropod (“beast foot”) dinosaurs are the *Coelophysoidea*. They are a group of widely distributed and lightly built animals that included small hunters like *Coelophysis* (“hollow form” referring to its light weight bones) and larger predators like *Dilophosaurus* (“two crested lizard”). These animals continued from the early Late Triassic through to the late Early Jurassic⁴, and oh yes, some of them had feathers. The most primitive known proto-feathered theropods are the compsognathids and early tyrannosaurus (“tyrant lizards”), both coelurosaurs (“hollow tailed lizards”). These early forms had feathers that were relatively short and composed of simple, possibly branching filaments. Simple filaments are also seen in therizinosaurus (“reaper lizards”) found in Early through Late Cretaceous deposits in China, Mongolia and Western North America). These small dinosaurs also possessed large, stiffened “quill”-like feathers⁵. Therizinosaurus have recently been recognized as a sub order under the theropods. In April 2012, the largest feathered dinosaur to date was found in the fossil rich beds in Liaoning Province. He is called *Yutyranus huali* (“beautiful feathered tyrant”), and was Tyrannosaurus-sized, though he lived 125 million years ago—about 58 million years before the T-Rex.⁶

Besides feathers which we think of as a main characteristic of birds, other features are shared between the modern and ancient dinosaurs. These include their bi-pedal nature, hollow bones, three forward pointing toes and a reversed first digit (hallux), a wishbone (furcula), a large sternum with a pronounced keel, and an alula (freely moving appendage or “bird thumb”) on the anterior edge of their wings.

Considering the similarities between the modern birds and their distant cousins, I will now look on them with new appreciation, and thank the powers that be that their weightier cousins (look up *Titanus walleri* and other “Terror Birds” as well as T-Rex and his ilk) are long extinct.

³ Dr. Bob Gray, 11/13/12

⁴ <http://en.wikipedia.org/wiki/Theropoda>

⁵ <http://en.wikipedia.org/wiki/Coelurosauria>

⁶ <http://www.telegraph.co.uk/science/dinosaurs/9186922/Giant-feathered-dinosaur-Yutyranus-discovered-in-China.html>



Dr. Bob Gray and students with OMS president-elect Mills

OFF TO A SLOW START

Wayne Mills, Field Trip Coordinator

Our first field trip of the year is on the books, and the Von Achen's and I appear to be the only ones who went to the Santa Lucia Rockhound's Tailgate at Cliff Brewen's on Saturday November 17. I was there from 8:00 a.m. to 10:00 a.m., before returning home.

Cliff's place is well worth seeing, and he had plenty of covered areas for the Santa Lucia Club members who chose to sell some of their rocks. I got a couple of sweet deals from Jim Mills, my Creston rock brother, and saw plenty of more good deals that I was (barely) able to pass-up. I enjoyed chatting with some of the club members, and really enjoyed seeing some of Cliff's spheres and other specimens. They can be seen behind Cliff in the picture below.



Some more of the tailgaters can be seen in the next picture. I want to thank the Santa Lucia Club for a fun event that was pretty well attended (by Paso Robles), in spite of the slight drizzle. Maybe we can put this event on our calendar for next year. I am really hoping to get our two clubs together at least couple of times in 2013.



Jason, one of the clubs ace collectors with a thunder egg from the club's last field trip to a ranch off SLO-46

ROCKIN' IN PASO ROBLES

Wayne Mills, Member OMS, SLRS

The Santa Lucia Rockhounds meet on the 3rd Monday of the month at Pioneer Park (on Riverside Drive near 21st Street in Paso). Their November program was none other than our own Wes Lingerfelt giving his program on the California Blue Mine. It seemed to be well received, and Wes was rewarded with a slab of Marcasite polished by SLR's Kincy Scott.

One of the highlights of the Santa Lucia Club's meetings is how many rocks their members share. Not only rocks to display, but rocks to sell, supporting their various causes. I took a pictures of a few of the local rocks they have collected to suggest that Nipomo is not the only place in the area with cool agates.



Detail of Jason's geode



Clockwise from top—Biconoid (about 8-diameter) from off Las Tablas Road in Templeton, thunder egg halves from off SLO-46, Petrified wood and agate from Templeton area



Kerigan, one of the bright lights (pebble pups) of the SLR Club with a quadruple thunder egg from off SLO-46

ORCUTT MINERAL SOCIETY-BOARD MEETING

Home Of Mike & Margaret Henson,
Santa Maria, Ca
November 6, 2012

President-elect Wayne Mills called the meeting to order at 7:00 pm.

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

MINUTES: The minutes of the October 11, 2012 general meeting were posted in the bulletin. The minutes were approved as written.

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

COMMITTEE REPORTS:

1. **Bulletin**-no report.
2. **Refreshments** – next meeting, November 13, 2012--will be cookies. Margaret Henson said that if she gets help at each meeting, she will continue as Refreshment Chair for 2013.
3. **Membership** – no report.
4. **Field Trips** – the November field trip will be on Saturday, November 17 and will be at Cliff Brewen's house-north of Paso Robles-see map in bulletin-he's having a "tailgate" sale of rock and rock related items. If you plan to go to the event, please contact Wayne Mills, Field Trip Coordinator so he can suggest someone to ride-share with.
5. **Adopt-a-Highway** – next meeting to be 8:00 a.m., Sat., Nov 10, 2012. Please meet on the eastbound side of Highway 166 at the S/E junction of Highways 101/166. The clean-up is always on the second Saturday of odd months (please put on your calendars!).
6. **Breakfast** – to be at the Sunrise Café located at the Sunset Ridge Golf Course in Santa Maria on Sat. November 24, 2012 at 9:00am
7. **Education** – no report.
8. **Library**- Remember, the library inventory is now listed on our website for club members' convenience.
9. **Sunshine**- Jeanne Brown had wrist & carpal tunnel surgery and is recovering nicely. Debbie Hood had a knee replacement on October 24 and is recovering nicely. Stan Ferguson has recovered from a respiratory illness, Jeannie Lingerfelt is recovering from a bad fall, and John Von Achen is doing well after back surgery.

10. **CFMS**- Wes is attending the Federation Meeting in Visalia this weekend and should have a report for us next week.

Old Business: Wes Lingerfelt visited Nipomo High School hoping to get a lock on dates for next year's Gem Show and was successful (unofficially). The dates of the show will be August 2-4, 2013. Thank You Wes!

Jeanne Brown moved and Sandy Berthelot seconded the motion that when Wes Lingerfelt incurs costs on behalf of the club, he is to be reimbursed for these costs. This is to include spheres, cabs, wire wraps, & any other rock or rock related items that are presented on behalf of OMS.

Wes Lingerfelt said that he had not checked into why OMS was listed as delinquent on the State Attorney General's List of Charitable Trusts. Jeanne Brown volunteered to look into the matter.

New Business: Our next General meeting will be Tuesday evening, November 13, 2012 at 7:00 pm. At this meeting we will have our own elections...please be sure to be present to vote. The program will be "Feathered Dragons or the Mistaken Extinction" by Dr. Bob Gray of Santa Barbara City College. The display will be the "BEST ONE BY ONE". Also, please bring payment for the annual meeting (holiday luncheon) of \$12.50 per person to the November meeting. Please make checks payable to 'OMS' and give them to Wes.

Next month, December 8 from 12 to 3 p.m., will be our **Annual Meeting**. We will host our installations and our holiday luncheon, at the Santa Maria Terrace retirement home dining room located at 1405 E. Main St., Santa Maria, CA. Please bring a rock related gift valued at about \$10.00 if you wish to participate in the pirate gift exchange.

Meeting was adjourned @ 7:40 pm.

Minutes respectfully submitted,
Jeanne L. Brown, secretary, November 6, 2012

A CALL TO ALL MEMBERS:

OMS needs your rock related donations for door prizes...please contact Mike Schmidt, Door Prize Chair

ORCUTT MINERAL SOCIETY--GENERAL MEETING

Oasis Senior Center, Orcutt, CA

November 13, 2012

The meeting was called to order at 7:00 p.m. by president-elect Wayne Mills

INVOCATION: Mike Henson gave the invocation.

PLEDGE OF ALLEGIANCE: Samantha S. led the Pledge of Allegiance

MEMBERSHIP: We had 29 members and 6 guests (all from Santa Barbara City College).

MINUTES: The October Board and General meeting minutes were in the newsletter. President-elect Mills read the minutes of the November Board meeting. Minor corrections were noted and will be made in the published version of the minutes.

TREASURER'S REPORT: Wes Lingerfelt presented the state of the Treasury as of October 31. No corrections were noted, so the report was accepted as presented. President-elect Mills asked why the interest-bearing accounts reflected no interest for the year, and Treasurer Lingerfelt stated that the interest is added in at the end of the year for simpler accounting.

CORRESPONDENCE: A card was read from the Department of the Interior announcing the release of the Recreation Area Management Plan (RAMP) and Final EIS for the Imperial Sand Dunes.

COMMITTEE REPORTS:

Annual Meeting—Members were asked who planned to go the annual meeting. Several folks raised their hands. Members were told that this was the last opportunity for tickets before the meeting. We had about 30 folks signed up prior to the November General Meeting, and we needed about 40 to satisfy Santa Maria Terrace's requirements.

Bulletin-out. No comments on its content

Refreshments—Refreshments for November were cookies, provided by Truman Burgess, Jan Ferguson, Jeannie Lingerfelt and Geary Sheffer. It was mentioned that Margaret Henson would continue as Refreshment Chair if she had help at each meeting.

CFMS—Federation Director Wes Lingerfelt reported on the semi annual meeting held the weekend of November 10 in Visalia. One interesting statistic that Wes presented was that the number of clubs in the California Federation has dwindled from about 190 clubs (with over 13,000 members) in the 1980's to 114 clubs (with 9,254 members) today. He attributes this fact to the decline in an emphasis on the Earth Sciences in today's schools.

Membership—no report.

Sunshine—President Debbie Hood is recovering from her knee surgery in Santa Maria. She was at the meeting. Jeanne Brown is recovering from wrist surgery, and John Von Achen is recovering at home from recent back surgery. We wish all these members a rapid and full recovery.

Juniors—no report.

Field Trip— To Cliff Brewen's in Paso Robles on Nov. 17 at 8 am-2 pm.

Adopt-a-Highway—done last Saturday with 4 guys. Next one is Jan. 12, 2013. Meet at 8 a.m. on the eastbound side of Highway 166 at the S/E junction of Highways 101/166 (always on odd months.) A drawing was made for the September and November volunteers. See article in this bulletin for results.

Education—No report.

Scholarships—Letters have been received from Allan Hancock and Cuesta Colleges requesting our scholarship commitments for 2013.

Library— Wes Lingerfelt brought four OMS tables to be stored at the Oasis Senior Center for our meetings. One of these could be used for the library.

Property— 40 tables have been requested by San Luis Obispo High School in January.

Door Prize Activity— it was noted that we had several prizes including beads, slabs, hand loupe and other specimens.

Breakfast—Breakfast Chair Bill Hood announced that the November breakfast (last of the year) will be held November 24 at the Sunset Grill, 1424 Fairway Drive, Santa Maria at 9:00 a.m.

Nominations— because we were uncertain whether or not we had a quorum, the nominations for: President Elect, Secretary, Treasurer, and Board of Directors were not read. This will have to be done at our Annual meeting in December.

Old Business: Wes Lingerfelt made our reservations for our Semi-Annual Meeting in Pioneer Park on June 8, 2013. Jeanne Brown checked on our status with the Secretary of State, and we are active and of good standing as of 11/20/12. She is still checking on our status with the State Attorney General (we had been marked delinquent on their list of Charitable Trusts.

New Business: None discussed.

Program: After the Break where we enjoyed cookies and voted on the best of the four 1 x 1 entries, President-elect Mills introduced the speaker. Dr. Bob Gray, Professor Emeritus from Santa Barbara City College gave a spirited and informative program entitled "Feathered Dragons, or the Misunderstood Extinction". The essence of the talk was that dinosaurs did not go

extinct at the end of the Cretaceous Period some 65 million years ago, but they live on in the (Phylum Chordata), Class Aves (Birds) that arose in the Jurassic Period (during the age of the dinosaurs), who share many of the same features as the dinosaurs, and who continue to diversify and flourish in modern times.

Best 1 x 1: After Sharon Duncan counted the ballots, the results of voting were announced. Jan Ferguson with her display of Seraphinite from Russia, and Wayne Mills with his display of spheres, tied. Jan was given a 2.5" Rain Forest Jasper Sphere for her prize. Wayne will get his prize at a later date.

Door Prize Activity: After the presentation, Mike Schmidt announced the winners of the door prizes. Our guests from SBCC took home several!

Adjournment: There being no further business to discuss, the meeting was adjourned about 9:10 p.m. by president-elect Mills.

Respectfully submitted by president-elect Wayne Mills for Jeanne Brown, OMS Secretary

Saturday,
Jan. 26
8:15 to 9:15 a.m.

1237 East Grand Avenue,
Arroyo Grande

CFMS SHOWS 2012

December 1-2: BARSTOW, CA

Mojave Desert Gem & Mineral Society
Cora Harper Community Center
841 S. Barstow Road (North of I-15)
Hours: 10-5 daily
Gene Hines
email@mdgms.org
www.mdgms.org

December 7-9: San Bernardino

Orange Belt Mineralogical Society
Western Region Little League Ball Park
6707 Little league Drive
Hours: 9 am to dusk daily (tailgate show)
<http://OBMSrocks.yolasite.com>

CFMS SHOWS 2013

February 15-24: INDIO, CA

San Gorgonio Mineral and Gem Society
Riverside Co. Far & National Date Festival
46-530 Arabia Street
Hours: 10-10 daily
Bert Grisham (951) 849-1674
Bert67@verizon.net

March 3-4: ARCADIA, CA

Monrovia Rockhounds
The Arboretum & Botanic Gardens
(Ayers Hall)
301 S. Baldwin Avenue
Hours 9-4:30 daily
Jo Anna Ritchey (626) 359-1624
joannarithey@gmail.com,
www.morocks.com

March 2-3: VENTURA, CA

Ventura Gem & Mineral Society
Ventura County Fairgrounds
10 West Harbor Blvd.
Hours: Sat. 10-5; Sun. 10-4
Krishna Juarez (805) 320-1094
Abaaris2007@gmail.com,
www.vgms.com

March 9 & 10: SPRECKLES, Ca

Salinas Valley Rock & Gem
Spreckles Vet's Hall
5th & Llano Streets
Hours: 10-5 daily
Karen Salmon (831) 375-5233
Kcbakes27@yahoo.com
www.Salinasrockandgem.com

March 16 & 17: LEMOORE, CA

Lemoore Gem & Mineral Club
Trinity Hall
470 Chapman Street

December 2012 OMS Calendar

Tuesday, Dec. 5 7:00 to 8:30 p.m.	OMS Board Meeting, home of Mike and Margaret Henson. Call 934-1308 for directions. All members are welcome at this business meeting.
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Saturday, Dec. 8 12 to 3 p.m.	Annual Meeting Santa Maria Terrace. Bring canned food, gift for exchange
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	No Field Trip
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Tues., Dec, 25	Merry Christmas!!
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	No Breakfast
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January 2013 OMS Calendar

Tuesday, Jan. 1 7:00 to 8:30 p.m.	OMS Board Meeting, home of Mike and Margaret Henson. Call 934-1308 for directions. All members are welcome at this business meeting.
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Tuesday, Jan 8 7:00 to 9:00 p.m.	OMS General Meeting—Luis Oasis Senior Center. <ul style="list-style-type: none"> • Program- • Display- • Refreshments-Doughnuts
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Saturday, Jan. 12	Highway Clean-up, 8 a.m.
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Saturday, Jan. 19	Field Trip ??
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	OMS Monthly Breakfast-The Girl's Restaurant,
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Hours: Sat. 10-6: Sun. 10-4
 Chris Wertenberger (559) 309-3433
Lemooregemandmineral@gmail.com

March 16 & 17: Vallejo, CA
 Vallejo Gem & Mineral Society
 Solano County Fairgrounds
 900 Fairgrounds Drive
 Hours: 10-5 daily
 Dan Wolke (707) 745-1816

March 23 & 24: TORRANCE, CA
 South Bay Lapidary and Mineral Society
 Ken Miller Recreation Enter
 3341 Torrance Boulevard
 Hours: Sat. 10-5; Sun. 10-4
 Bill Sudduth (310) 787-7851
Sudduth3@msn.com
www.palosverdes.com/sblap

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. Past Pres.	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

White's Spectrum XLT Metal Detector

Second search coil, and accessories. \$300.00

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

FOR SALE

Vigor Centrifugal Casting Machine Model CA-1030 with cylindrical guard and several different crucibles.

8 1/2 inch Burn-Out Oven which will hold a 4-inch flask and operates on 110V standard current.

Included with the above are wax ring patterns, electric wax pen, investment vibrator, tongs, flux and more – everything you need, except the metal, to start making gold, silver or other metal jewelry. Price for all is \$250.00 Contact Roger Lehman at (805) 349-2030.

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OMS Webmaster - Wes Lingerfelt – (805) 929-3788

Check out our OMS web site at <http://www.omsinc.org> or send e-mail to 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 Jeanne Brown (805) 481-1811

2012 CFMS Calendar

Nov 22-25	Willey Well Thanksgiving trip (see "Field Trips")
Dec 31	Deadline for Bulletin Contest entries. (See "Forms")

2013 CFMS Calendar

Jan 15	Deadline for Web Site Contest entries (See "Forms")
Feb 28	Deadline for All American Club Yearbook entries (See "Forms")
Mar 31-Apr 8	Camp Zzyzx
May 31-Jun 2	CFMS Show & Convention, Ventura, CA
Sep 20-22	AFMS Show & Convention, Jacksonville, FL



The Tri-Clubs of Ventura County,
Conejo, Oxnard, & Ventura Gem & Mineral Societies,
will host the

2013 CFMS SHOW & CONVENTION

"California Rocks"

MAY 31 - JUNE 2

Ventura County Fairgrounds

Ventura, CA

See more at www.cfms2013.com

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. The La Brea Tar Pits are one of the most significant fossil finds in paleontological history.

OMS is a non-profit club 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

OMS Editor

Debbie Hood	(805) 481-6860	debilhood1@sbcglobal.net
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ADDRESS CORRECTION REQUESTED

