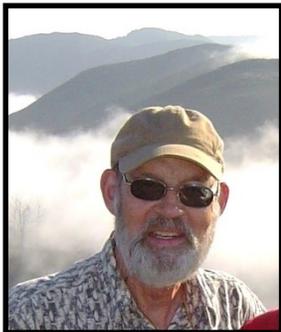


## The Pres Box—June 2017

Wayne Mills



We are half-way through the year. Where has it gone? Our **Semi-Annual Meeting** will be held in Pioneer park in Santa Maria on **June 10**, and on that same weekend (the 9th through 11th) the **AFMS-CFMS show** at the Fairgrounds in Ventura—Why not do both? The AFMS Show should have some amazing displays AND dealers, and is

something that comes to California only once in 8 years, since there are 8 Federations in AFMS.

On **June 17**, we have the opportunity to visit Ralph Bishop's Museum. We will meet at his home at 10:00 a.m., and go through the museum a few at a time. Members of the Santa Lucia Club have been invited to join us. See the Red Book or call Wayne Mills for directions to Ralph's home. Many thanks to the 6 regulars who showed-up for our Coastal Clean-up Day **May 13**. Wes and Marty L., Sally G., Geary S., Stan and Brenna F. and yours' truly did a good job of cleaning the highway that was not too bad. To paraphrase an old saying though, it was a nice walk spoiled by other folks' trash. But we had fun!

Many thanks also to Wes Lingerfelt who ran the video presentations that we had in April and May. We had a little hiccup over the May Program, but we saw a neat lecture on the Galapagos Rift Zone, and (hopefully) can see the Maldive Islands at a later date.

For **July**, after our picnic in Pioneer Park in June, we have Dave Schmidt of the California Blue Mine who will give us the low down on the aquamarine and other stones that are found at his mine. Should be a great program!

So, now school is almost out, temperatures are warming, and summer is almost upon us. Be careful out there, and...have fun!

*Wayne*

## BIRTHDAYS & ANNIVERSARIES

**Greetings** go out to those folks who are having Birthdays and Anniversaries in **June**.

### BIRTHDAYS

	Month	Day
Michael Schmidt	6	4
Geary Sheffer	6	9

### ANNIVERSARIES

Bill & Debbie Hood	6	7
Stan & Jan Ferguson	6	27

**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 2018)

## MINERAL OF THE MONTH

Picture from [tjohnbetts-fine minerals.com](http://tjohnbetts-fine-minerals.com) (hematite), [Wikipedia.com](http://Wikipedia.com) (magnetite). [Informatin at Monerals.net](http://Informatin at Monerals.net)

Both **Hematite** ( $\text{Fe}_2\text{O}_3$ ) and **Magnetite** ( $\text{Fe}^{2+}\text{Fe}^{3+}_2\text{O}_4$ ) have the chemical formula of Iron oxide. However, only magnetite is strongly attracted to a magnet. Magnetite is sometimes replaced by Hematite, creating a magnetite look-alike (without the magnetism) called Martite. Crystals of Magnetite are usually octahedral (eight sided), Magnetite can sometimes have other metals in its structure, including manganese, magnesium, aluminum, zinc, nickel and chrome. Hematite can have traces of titanium in it's structure. It is in the hexagonal (six sided) crystal system, and often occurs in massive, mammillary, botryoidal, reniform, oolitic, stalactitic, and radiating forms.



**Hematite**



### Magnetite

**Hematite** has a rust-red streak while **Magnetite** has a black streak.

## SEE WHAT YOU MISSED!

Wes Lingerfelt

This was the prize offered to the members of the Highway Cleanup Crew after our May 12 outing. After I won it I promised to place it back into contention with the goal of increasing the appeal of members to volunteer for the activity. You could win it! All you have to do is show up and help clean our stretch of highway. I also promise to make similar stones available for future clean-ups.



## HIGHWAY CREW CLEAN'S—UP... AGAIN!

Wayne Mills, Adopt-A-Highway Coordinator



We have another highway clean-up under our belts. Pretty much the same crew of folks showed-up bright and early (8:00 am) Saturday morning (May 13) for the task. The Clean-up went pretty quickly, then we headed to Country Kitchen in Santa Maria for refreshments. Many thanks to the

Highway 166 Regulars—Wes and Marty Lingerfelt, Sally Griffith, Geary Sheffer, and Stan and Brenna Ferguson for their faithful service.

## LOCAL ROCKS--

Wayne Mills, Ore-Cutts Editor, picture by Wayne Mills

While I was "Rock Doc" at the Santa Lucia Gem Show (April 22-23), I looked at a lot of local rock. Many of the "I thought it was jade" rocks were in fact, Chert. In our area, chert can come in a variety of colors including blue, green, red, brown, cream and striped (banded chert). Chert has an interesting origin—deep ocean trenches where the silica dioxide (quartz) skeletons of microscopic sea creatures called Radiolarians make vast accumulations. As these accumulations compact and the water is squeezed out, the material becomes the (sedimentary) rock we call chert. Locally, chert comes in several colors red, brown, and a couple shades of blue and patterns, including banded and brecciated (like some of our jasper).

Native Americans in our area have made tools from the local chert for thousands of years.

On the Central Coast, brown chert is usually associated with the **Monterey Formation** (Middle Miocene age), and the green and blue cherts are part of the **Franciscan Formation** (Jurassic-Cretaceous in age)



Some examples of local chert

## SEMI-ANNUAL MEETING— SATURDAY,

**JUNE 10** We will meet in Pioneer Park in Santa Maria at about 11 am (on June 10) to celebrate the 1/2 way mark in our year. The club will furnish meat, beans, garlic bread and iced tea. Members are asked to bring a side-dish, salad or dessert to feed about 10 folks. In addition to the side dish, you will want to bring drinks, table cloth, plates and silver (or plastic) ware. Members are also asked to bring rocks for the silent auction that is one of the highlights of the event. We will have good food, good conversation and good rocks, so come join us!

## SECRET CANYON—SON OF STONE

By Ralph Bishop (Continued from the May, 2017 Ore-Cutts)

## BIRTHSTONE(S) FOR June

[americangemsociety.org](http://americangemsociety.org)

June is one of only two months that has three (traditional) birthstones associated with it, giving the lucky people born in June a choice of gemstones between **pearl**, **alexandrite** and **moonstone**.

**Pearl** is created in bivalve molluscs when an irritant (sand) is detected and coated with part of the shell lining called nacre. Precious pearls are created in (pearl) oysters and in abalones in the wild. Cultured pearls can be raised in freshwater, but have more regularity in shape, and less luster than naturally created pearls. In many cultures, pearls symbolize purity and innocence, which is why it's tradition for a bride to wear pearls on her wedding day

**Alexandrite** is a pleochroic (many color) form of Chrysoberyl (Beryllium aluminum oxide) that can display a range of colors from dark yellow-green to slightly blue-green to red, purplish or purple-violet under artificial light. The finest Alexandrite comes from the Ural Mountains of Russia where it was discovered in 1839 on the day the Czar to be Alexander II "came of age". Associated with concentration and learning, alexandrite is believed to strengthen intuition, aid creativity and inspire imagination—bringing good omens to anyone who wears it.

**Moonstone** comes from the orthoclase feldspar adularia. The characteristic blue glow comes from microscopic layers of feldspar that scatter the light creating the "moon on water" effect called "adularescence". Moonstone comes in a range of colors spanning yellow, gray, green, blue, peach and pink—sometimes displaying a star or cat's eye. Moonstone is closely associated with lunar mystery and magic. Its calming, balancing energies can supposedly attune to natural biological rhythms. Moonstone acts as the ultimate fertility crystal by sparking passion in new lovers and reuniting old ones. Also known as the Traveler's Stone, it is believed to protect travelers at night. Moonstone is used to treat insomnia and sleepwalking, encourage sound sleep and create beneficial dreams.

## BITS AND BYTES

### New Dinosaur discovery in Canada.

<http://www.msn.com/en-us/news/world/rare-as-winning-the-lottery-new-dinosaur-fossil-so-well-preserved-it-looks-like-a-statue>

And it came to pass that the Central Coast was beset by a cyclic drought. The rest of the elephant slept in dry, brick-hard marl and stone. A year passed then another and another. The narrows in the creek plugged up with vines of poison oak and wild cucumber. The rest of the creek was ankle deep in dry sycamore leaves. Then one November day my knee began to throb. Could it be? I turned on the Weather Channel and was surprised that the weather man agreed with my knee. It rained the next day and the next and into the third day.

Four days later I slid down a mud bank into a clean creek channel and through a washed out tunnel under the vines. Where the channel widened there wasn't one sycamore leaf and I could see the gravel. Everything looked promising until I came around the bend. Of all the things that could have happened, the channel flow had undercut a large sycamore tree and it had slumped into the creek channel, root wad and all. The high water had no place to go except to cut the elephant bank. The slot I had dug years ago was now scoured into an 8 foot bank. I dug along the bone layer but the marl was gone as well as the dark stained gravel. I was dejected but figured I would check the gravel bars downstream. I had made it about 50 yards downstream when the creek narrowed and there was a log jam so I back tracked. In a shaft of light I saw a couple of black rocks on a gravel bar. They were bone and their edges were fresh, they hadn't floated far. I slowly checked the bank upstream and under a 20 foot cliff with an overhang was a strata of black marl and gravel at the same level as the elephant strata about 30 yards upstream. I was hesitant to get under the overhang. It was composed of unconsolidated sand and one inch minus gravel. It was probably stable (I thought), being wet and swollen so I walked up and there were a few pieces of bone in the marl. They looked like the pieces I'd found downstream, flat, thin and black. I walked back to the gravel bar and sat down. I wondered if these bones were part of a skull. In my younger years I wouldn't have thought twice about diving in, but- I walked away wondering what I could do.

Later that night Mom called me, "Oh dear", she said and pointed to the TV. "Gawd", there on the screen was a satellite picture. It was a huge circular storm spinning south from Japan. ETA, about 3 days they said. Damn, all those years of drought and now this. That night, sleep was tortured and fitful. I barely slept.

The next morning was the warm before the storm and I found myself sitting on the gravel bar. I was sitting on a large slab of concrete, one of many that had been dumped into the creek. I looked down and

wondered if I could use the concrete to build a buttress along the bone layer. I chuckled, Mom used to say a lot of times “you sit on your brains”. They were too heavy to pick up, but I could flop them, and flop them I did. It took another day and a half to flop slabs from downstream into place. Would the concrete stop the creek from scouring the elephant strata? I knew for sure the channel flow would cut the sand/gravel overburden like a hot knife through butter. “I’ve done all I could”, I thought, the rest was in the hands of God.

At three o’clock the next morning I woke up to thunder. “Bang, bang, bang”, the aluminum vent in the kitchen sounded off. I opened the front door and lightning lit up the lawn that was covered with hail. For three days and nights it poured. I’d done all I could but I had little hope the concrete would hold. On the fourth day the sky was blue so we took a ride. When we came around the bend there was the cliff, now set back and it was 40 feet tall. “Where is the elephant”? Mom asked. “It’s under all that sluff”, I replied. At least 60 cubic yards had collapsed and dammed up the creek channel. The water was starting to cut the sluff on the other side of the channel. Mom popped off, “Well you did a good job son”.

I didn’t know what to say all the way home. Each day after that we took a ride and to my amazement every day the channel flow flushed more sluff downstream. On the 6<sup>th</sup> day the water was down and I couldn’t believe my eyes. The water had swept the channel clean of sluff, even over the top of the elephant strata. The concrete was still in place and the bank was set back 8 feet with a back lean. I walked up to a bench of gravel and marl and could hardly believe my eyes – an 8 inch diameter socket joint washed clean and beyond it a broken fan of flat black bone. It wasn’t a skull. It was a scapula. I got the tin foil out and literally picked out the pieces from what was now black mud. It was about half gone but I felt lucky to get what I got. As I pried the socket out to my amazement there was a second socket below the first and this time the blade of the shoulder was there. It took all day and all the foil I had for these two bones.

The next morning with all the tin foil I could buy I worked nervously under the cliff. On the second day a humerus and 2 ribs came out. The day after a tusk and a half lower jaw with beautiful ivory teeth. The following day when I showed up there were cracks starting to form on the 40-foot bank face. I had dug right up to the base of the bank and thought about how many times I had cheated Beelzebub. I called it good and walked away.

About a week later I drove by and the bank had collapsed right where I had been working. These bones were even spongier than those from the first horizon. It took about six months for the

bones to dry slowly and it seemed like forever to get the scapula together. For years the two elephants slept under my bed. Then one day my friend Rex called. He had mentioned the elephant to a Chumash elder who was interested in seeing it. I was introduced to Chumash elder Joe Talogun in Guadalupe. Off and on over my life my mother had mentioned his name. She had taught him in elementary school in the 1940’s. She always spoke very affectionately about her “little Indian”. When I mentioned her to Joe he didn’t remember the name Bishop so I told him her maiden name was Rogers, he was shocked and after a wistful sigh he said, “She was the most beautiful woman in Guadalupe. We all had a crush on her”. “Mom always said you were a good boy but quite a scamp”, I replied and we had a good chuckle. “That was 1941 in the fifth grade”, he said. “That year they took all the Japanese to the camps. One day half of our classmates were gone. We didn’t understand but your mother did her best to explain and we prayed for our friends”.

Joe used his casino money for the good of his small town to open a Cultural center. He asked me if I would put a temporary display of bones and rocks at the Center. On the appointed day we drove toward Guadalupe. As we neared the town off to the left in front of us was a sand bench where thousands of generations of Chumash had their village. In the dunes to the west is probably the largest midden-pile in the State, composed of agatized oil Chert flakes and marine bones that is 40 yards in diameter by 40 feet to the top of the cone. As we turned north on Highway 1 (Main street in Guadalupe) I couldn’t help thinking that today’s road followed an ancient Chumash coastal trail that the first European, Portolá, followed in 1769. He documented in his journal meeting friendly Indians who hunted in the marshes where Guadalupe is today. I found it apropos that Joe had a cultural center on his people’s ancestral trail.

Just as I got the last bone into the front room the door opened and a pleasant man introduced himself as Three Bears, a Miwok “Bear Doctor”. As his eyes were caught by the Mastodon jaw he asked, “What is this?” “This is the jaw of an Ice Age elephant that I found about 10 miles from here in ancestral Chumash territory”, I replied. “This jaw belonged to a smaller elephant, the mastodon that grazed on brush. The exaggerated high peaked molars were well suited for crushing woody plants”. Then I picked up the pieces of femur and the chopper and showed him the perfect fit with the fracture. “Is this one of our tools?” He asked.

***Continued on page 9***

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**ORCUTT MINERAL SOCIETY**  
**Board Meeting**  
**Nipomo Chamber of Commerce Office**  
**Nipomo, CA**  
**May 2, 2017**

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**Members present:** Wayne M, Sharon D, Jeanne W B, Debbie H, Renae S, Sally G, Sylvia N, Absent Alexis VN & Dyanna C.

Meeting called to order at 7:03PM.

**MINUTES:** For April General meeting in the newsletter. Correction: #4. Jeanne mentioned she was absent due to work and Jan had represented her in the meeting.

**TREASURER'S REPORT:** Accepted as given. Funds have not been transferred from Pac- Western to Chase due to scheduling problems for Wayne and Jeanne.

**CORRESPONDENCE:** Two solicitations for funds from the Salvation Army, a dues check from Peggy Johnson, United Site Services info for Bill Brown, an invitation to attend the SBCC 2017 Scholarship Award Reception on May 5; a thank you note and receipt for our donation to the CFMS Endowment Fund in memory of Richard Dry. 2 copies of the AFMS newsletter, a copy of the Cuesta College News, and a birthday card for Wayne from SBCC whose birthday happens to be in November?!

**COMMITTEE REPORTS:**

**Bulletin-** Out-Comments included "great stories"

**Refreshments-** Sally says it is pie night for Joe and Lisa A., Krystal R., Jeannie L., Jan F., and Sharon D.

**CFMS-CFMS/AFMS** Show in Ventura June 9-11.

Camp Paradise-August 27-Sept. 9. Registration in CFMS Bulletin (on line) \$400/person/week. \$200 for "day trippers". Our donation in memory of Sandy B. has been sent. A reminder to all, our picnic at Pioneer Park is the same weekend as the CFMS show in Ventura for those who plan to attend both.

**Membership-** Dyanna has been ill so we have not been able to reconcile our numbers for CFMS dues purposes.

**Field Trip-** Ralph's on June 17, Santa Lucia Club has also been invited to attend. SLO club has a show in the Veterans Hall in Cambria this same weekend as well.

**Adopt-a-Highway** - May 13 - coming up this weekend

**Breakfast-** May 27-Country Kitchen, Santa Maria (Year's Schedule is in the Red Book)

**Education-** None

**Library-** Contact Alexis with any requests

**Sunshine-** Lucky is home and the family requests you contact Renae for updates and not just show up. Dyanna is still dealing with her blood clot issues. Bob Bullock has fallen and is dealing with vertigo, having good and bad days, Mike Schmidt put his back out and has discovered he is diabetic.

**Scholarship-** Letter from Jeff Meyer at SBCC. Students must have a major in Geology, 3.0 GPA, be receiving financial aid, or have a financial need to receive our scholarship funds. Priority is given to students satisfying 2 or more criteria. Sylvia moved we bump the award to SBCC to \$1,500. Debbie seconded the motion. It will be discussed at our meeting.

**Show-Sharon-**We got word from High School that the contract is signed. Contract will come to Wayne. Alexis got reservation for case at Nipomo Library for June 17-30 this year and all next year. Who will handle this display? (Sharon?) Lucky has a case for a memorial case for Sandy B. Jeanne B. has 200 stones for the children's booth. Applications for displaying at our show will go out this month and be available at the meeting for members, also included in the June bulletin

**Old Business-** Got Note from Pat La Rue on "Raffles".

It was discussed and will be reviewed and voted on at the general meeting

**New Business-** We received a donation of OMS T-shirts and a vest from Sandy B's. estate. Remember to contact Renae BEFORE attempting to contact Lucky. There was a discussion of possible contract/procedure changes on table leases. There is a possibility of an upcoming talk by Dave Schmidt and a possible field trip up the Cuesta Grade for Herkimer-type quartz specimens led by him as well.

**Program:** Maldive Islands, Display: Ocean Treasures.

**Adjourn:** 8:30 PM.

Respectfully submitted, Sylvia Nasholm for  
Dyanna Cridelich, Secretary OMS

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**ORCUTT MINERAL SOCIETY**  
**General Meeting**  
**Luis Oasis Senior Center**  
**Orcutt, CA**  
**May 9, 2017**

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**Members present:** 24 and 3 Guests: Scott Smith, Doug Baird, and Bruce Nybo

**Invocation:** Mike Henson

**Flag Salute:** Katherine N

**Board MINUTES:** Read by Sylvia Nasholm, accepted as read.

**TREASURER'S REPORT:** Jeanne Brown: Money is being moved between banks as soon as signees can get together. We had a \$520 profit in April mostly due to table rentals. Copies were made available for all to see.

**CORRESPONDENCE:** Club news letter and advertising asking for donations.

**COMMITTEE REPORTS:**

**Annual Meeting report:** Not till September

**Bulletin-** Out—comments? All is well.

**Refreshments-** Sally Griffith reported the following members brought Pies: Jeannie Lingerfeld, Jan Ferguson, Sharon Duncan.

A combined show of **CFMS-AFMS** will be in Ventura on June 9 to 11. It does not happen often so be sure to go.

**Membership-** Wayne Mills requested an up dated member list. Since Dyanna has been ill Jeanne Watkins has been collecting dues. Jeanne will give Dyanna a list and Dyanna will forward it to Wayne.

**Field Trip-** Wayne is leading a trip to Bishop's Rock Fantasy Land on June 17 at 10:00 AM. Meet at Ralph's house. (Call Wayne if you need directions).

**Adopt-a-Highway** – May 13. We received a letter of thanks from Cal-Trans.

**Breakfast-** Bill Hood announced the new schedule is in Red Book. May 27 at Country Kitchen in Santa Maria at 8:30 AM.

**Education-**None

**Library-** Books/tapes @Von Achens. Librarian Alexis Van Natta has had no requests. She reported that we have a date for a display at the Nipomo Library for the 17 of June. Sharon Duncan will coordinate.

**Sunshine-**Margaret monthly report? Lucky is home but not doing well. Members are requested to call before coming to visit. Sheryl requested to keep him in our prayers. We are happy to have our secretary Dyanna Cridelich back.

**Scholarship:** The board Recommended to send \$1,500.00 to SBCC after receiving a letter from Dr Jeff Meyer assuring us the program would continue. Wayne made a motion to send the \$1,500.00 check to SBCC and it was seconded by Alexis Van Natta. There was no discussion and the vote was unanimous by the membership.

**Property:** On April 15 Geary Sheffer led the team of , Sylvia, Wes, Sally, John and Wayne to clean out the Locker. There were 80 tables that needed to be scrubbed as they were full of mold and the job was overwhelming. In the future more help is needed for this job, and prior notification of what the clean-up will entail.

**Door Prizes:** Wayne had buckets of door prizes for July though November. Paul Berthelot donated books, tee-shirts and vests and Alexis donated Mineral Playing cards.

**August Gem and Mineral Show:** Wayne has heard from Nipomo High School that the contract has been signed and will mail him a copy when they schedule the event (*got it!—Ed.*).

**Old Business:** A letter from CFMS discussing door prizes was presented by Wayne and a motion followed to sell tickets for door prizes by Wayne and seconded by Bill Brown. Much discussion followed. The vote was taken and the motion failed. Sharon Duncan has very few tee shirts to sell. A list was sent a round to see if there was interest in purchasing tee shirts with a new 50 year anniversary logo. Debbie Hood had a design she drew on a paper and members were asked to submit their input. Wayne asked members to consider putting in a display for the Gem Show and he had applications for same.

**New Business:** Wes and Jeanne are helping Paul Berthelot clean and organize his house and at a future date to be announced will have a garage sale of all of Sandy's collectables. The next Board meeting is June 6<sup>th</sup> at the

Nipomo Chamber of Commerce at 7:00 PM. \$100.00 has been donated to the CFMS Endowment Fund in Sandy Berthelot's name. The semi Annual meeting will be at Pioneer Park in Santa Maria at 11 AM June 10. Bring rocks for silent auction, table cloths, beverages, place settings, and a side dish.

**Program:** A film about the Galapagos Island Trench was shown. The displays were Sea Treasures: **Katherine N.** had a very creative box of things from the sea including shells, fossils and whale bone, **Sylvia** had a beautiful carved jade turtle and petrified coral from Florida, **Dyanna** displayed ocean jasper, **Alexis** displayed a fossilized clam spear, **Wayne** displayed ammonites, sea horses, corals, bull shark egg case, sea biscuit, and others, **Mike and Margaret Henson** displayed Edison petrified palm, and Tampa Bay corral.

**Adjourn:** 8:15 PM

Respectfully submitted Dyanna Cridelich, Secretary, OMS

## MAY MEETING DISPLAYS

Photos by Wayne Mills

From the top: *Wayne Mills, (left) Mike & Margaret Henson,*

*(right) Sylvia Nasholm (turtles), bottom, new member Katherine N.*





## EXHIBIT AND DEMONSTRATION APPLICATION

OMS **50<sup>th</sup>**, Annual Rainbow of Gems Show & Rock Festival  
August 4<sup>th</sup> & 5<sup>th</sup>, 2017- Show Hours 10 AM to 5 PM  
August 6<sup>th</sup>, 2017 Show Hours 10 AM to 4 PM  
Nipomo High School, 525 N. Thompson Avenue, Nipomo, CA 93444

Dear Friends:

The Orcutt Mineral Society will be honored to have you exhibit at our **50<sup>th</sup>** Annual Rainbow of Gems Show & Rock Festival. We eagerly look forward to your participation this year and welcome newcomers to our event. Please complete, detach, and return the coupon (below) by July 1st, 2017 to assure that we will have a space reserved for your case. Set up time will be 1:00 to 8:00 p.m. on Thursday, August 3, 2017, or prior to 10:00 a.m., or after 5:00 p.m. on Friday, August 4th, 2017. For those of you who cannot arrive until later on Friday, please advise me what time you will be arriving so that I may reserve your case display area. Cases must remain intact during show hours. In the event of an emergency, a member of the Orcutt Mineral Society must accompany you if your case is opened or removed. Dry camping will be available, and we ask that you vacate the camping area prior to 8:00 a.m. on Monday, August 7, 2017. Dinner will be served to exhibitors, demonstrators, and all dealers from 5:30 to 6:30 p.m., Thursday evening. Sylvia will have a welcoming packet ready for you. Also, we ask that demonstrators be good neighbors and not demonstrate in the main hall any procedures that make a loud noise. The Orcutt Mineral Society does not carry insurance for the loss or damage to your exhibits. Your homeowners insurance should cover this. The OMS will not be responsible for any loss. Watchmen are provided Friday & Saturday nights. Please indicate below if you can demonstrate your special talents to the public at our show. Your participation has made our show a very special event over the years, and we thank you for your continued support! Please complete the form below and return to Sylvia Nasholm 1205 Pomeroy Rd. Arroyo Grande, CA. 93420. Telephone 805-481-0923. E-mail is [sylviaandon@cs.com](mailto:sylviaandon@cs.com) or OMS e-mail is: [info@omsinc.org](mailto:info@omsinc.org) or visit our web page at [www.omsinc.org](http://www.omsinc.org) for helpful information. Reminder - **School policy- no alcohol, no tobacco, and no pets other than service animals allowed.**

C u t H e r e

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### OMS **50<sup>th</sup>** Annual Rainbow of Gems Show & Rock Festival EXHIBIT AND DEMONSTRATION APPLICATION OMS

Name \_\_\_\_\_ e-mail or Phone: \_\_\_\_\_ Ad-  
dress(PLEASE!) \_\_\_\_\_ I will  
exhibit \_\_\_\_\_ case(s) entitled \_\_\_\_\_

\_\_\_\_\_ My case outside dimensions are:

Length \_\_\_\_\_ Depth \_\_\_\_\_ Height \_\_\_\_\_

My case is Upright? \_\_\_\_\_ Slant? \_\_\_\_\_ (Wattage not to exceed 150 WATTS)

I have my own exhibit case(s) \_\_\_\_\_ I will need to borrow an OMS case \_\_\_\_\_

I will attend Thursday night dinner \_\_\_\_\_ persons I will demonstrate \_\_\_\_\_

Orcutt Mineral Society is a Public Benefit, Non-Profit Corporation founded in 1958

# OMS CALENDAR

## JUNE 2017

<b>Tuesday, June 6</b> 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
<b>Saturday, June 10</b> 11-3:00 p.m.	<b>Semi-Annual Meeting—Pioneer Park</b> Bring rocks, potluck, drinks, tableware
<b>Fri-Sun, June 9-11</b>	<b>CFMS/AFMS Show</b> , Ventura Fairgrounds
<b>Saturday, June 17</b> 10:00 am to 12:00 am	Field Trip to Ralph Bishop's Museum
<b>Saturday, June 24</b> 8:30 a.m.	OMS Monthly Breakfast— <b>Denny's, Santa Maria</b>

## JULY 2017

<b>Saturday, July 8</b> 8:00 am	Highway Clean-up at south-east corner 101/166 East
<b>Tuesday, July 11</b> 6:00 to 7:00 p.m.	<b>OMS Board Meeting, Oasis Sr. Center (change in normal schedule)</b>
<b>Tuesday, July 11</b> 7:00 to 9:00 p.m.	<b>General Meeting</b> —Luis Oasis Senior Center. <b>Program</b> -California Blue Mine—Dave Schmidt <b>Display</b> —Minerals, anything! <b>Refreshments-Cake</b> —A. VanNatta, J. Watkins, S. Nasholm, W. Mills
<b>Saturday, July 22</b> 8:30 a.m.	OMS Monthly Breakfast— <b>Lil' Bits Café, Grover Beach</b>



**Mastodon jaw, tusk and tool from Son of Stone—see “live” at the Bishop Museum, June 17**

## 2017-OMS Officers

<b>President</b>	Wayne Mills	(805) 481-3495
<b>President-Elect</b>	Sharon Duncan	805) 478-9359
<b>Secretary</b>	Dyanna Cridelich	(805) 937-4347
<b>Treasurer</b>	Jeanne Watkins	(805) 481-1811
<b>Imm. Past Pres.</b>	Alexis VanNatta	(805) 937-4347

## 2017-OMS Board Members

Jan Ferguson	(805) 474-9977
Sally Griffith	(805) 928-6848
Debbie Hood	(805) 481-6860
Sylvia Nasholm	(805) 481-0923
Renea Suttcliffe	805) 929-2783

## CFMS Federation Director

Wayne W. 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

Wayne Mills	(805) 481-3495	<a href="mailto:wwmills50@hotmail.com">wwmills50@hotmail.com</a>
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## CFMS SHOWS

### JUNE

#### June 2 - 4: LA HABRA, CA

North Orange County Gem & Mineral Society  
La Habra Community Center  
101 W. La Habra Blvd.  
Hours: Fri 5 - 8; Sat & Sun 10 - 5  
Contact: Armando Perdoza, (909) 455-6800  
Email: [forestandson@yahoo.com](mailto:forestandson@yahoo.com)  
Website: [www.nocgms.com](http://www.nocgms.com)

#### June 3 - 4: ESCONDIDO, CA

Palomar Gem & Mineral Club  
California Center for the Arts  
340 N. Escondido Blvd.  
Hours: Sat 10 - 5; Sun 10 - 4  
Contact: Dawn Vickers  
Email: [dawnjvickers@gmail.com](mailto:dawnjvickers@gmail.com)  
Website: [www.palomargem.org](http://www.palomargem.org)

#### June 3 - 4, 2017: GLENDORA, CA Glendora Gems

Goddard Middle School  
859 E. Sierra Madre Avenue  
Hours: Sat 10 - 5; Sun 10 - 4  
Contact: Bonnie Bidwell, (626) 963-4638  
Email: [ybidwell2@aol.com](mailto:ybidwell2@aol.com)

**June 9, 10 & 11, 2017: VENTURA, CA**  
**2017 CFMS-AFMS Show & Convention**  
Hosted by **Ventura County Gem & Mineral Society**  
**Ventura County Fairgrounds**  
**10 West Harbor Boulevard**  
**Hours: Fri & Sat 10 - 5; Sun 10 - 4**  
**Contact: Diane Cook, (805) 312-8467**

**June 17 - 18: CAMBRIA, CA**  
San Luis Obispo Gem & Mineral Club  
Cambria Vets Hall  
1000 Main Street, Cambria  
Hours: 10 - 5 daily  
Contact: Kim Noyes, (805) 610-0603  
Email: [kim@slogem.org](mailto:kim@slogem.org)  
Website: [www.slogem.org](http://www.slogem.org)

## JULY

**July 8 - 9: CULVER CITY, CA**  
Culver City Rock & Mineral Club  
Veterans Memorial Auditorium  
4117 Overland Blvd  
Hours: Sat 10 - 6; Sun 10 - 5  
Contact: Janice Metz, (310) 850-4398  
Email: [janicemtz@yahoo.com](mailto:janicemtz@yahoo.com)  
Website: [www.culvercityrocks.org](http://www.culvercityrocks.org)

### Son of Stone *continued from page 4*

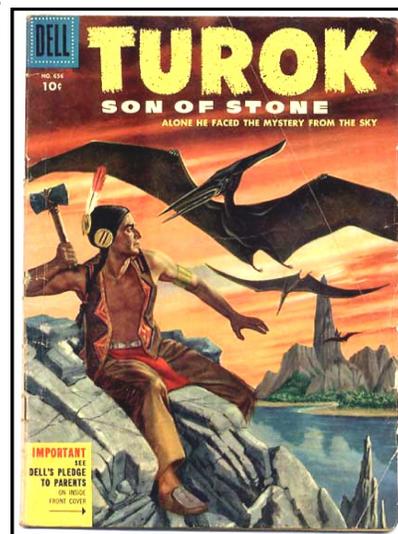
What does this mean?" "I found the two together", I replied. "So I think this means the ancestral Chumash and the elephant lived together at the same time". "How old is our history", he asked. "Well, we had the bone carbon-tested, but the test came back inconclusive. They have found bones associated with Pygmy elephants on the Channel Islands that were dated at 13,000 years ago, so I suspect these bones are in the same time line". "If we are talking about the Ice Age, were there glaciers here?" he asked. "No", I replied. "We are too far south and on the coast. But there are substantial clues that would determine what the climate was like for the first people. I have seen a drill core taken from the Santa Maria riverbed just a few miles from here that today is dry and sandy. At 50' they hit large gravel and the bit plugged up after hitting a redwood log.

The only climate that allows for survival of Coast Redwood is restricted to a narrow environmental area from Big Sur to the Oregon border so the Ice Age climate here was probably similar to coastal Northern California. One major difference in our area between the Ice Age and the warming period we live in today is the rise of the sea level. With the rise of the ocean level Ice Age land form was slowly swallowed up by ocean waves. Today we live inland from a broad shallow embayment. According to the underwater geological contour, Pismo Beach during the Ice Age was 12 miles further west than it is today. Ahead of the crashing waves, driven by constant northwest wind, sand dunes and a blow sand lobe further covered the area inland. Southeast of Pismo Beach is the largest blow sand lobe in the State that is approximately 7 by 10 miles and up to 150' deep. Another drill core was taken from the top of the blow sand lobe. At 150' they brought up a core of black marl and a piece of redwood. The elephant stratum is at the same geological horizon. I think it is reasonable to believe the elephant and your ancestors lived near well-watered willow marshes with dune lakes and redwood groves".

After touching the bones and hearing my thoughts, Three Bears said, "Do you realize the great honor you have been given to safeguard the bones and the knowledge of the first people?" "Yes", I replied. As he took his leave that morning his final words were "These bones are your elders and your spirit is their child. You are the **Son of these Stones**". His last words resonated in my memory, **Son of Stone**.

When I was a child my favorite comic book heroes were not Superman or Batman. My inspiration was **Turok – Son of Stone** who lived in the Ice Age. I've often wondered if the influence of Turok in my formative years may have influenced my life's interest in rocks and fossils. The next time I went to the beach I sat on a tall dune looking beyond the crashing waves into the fog of time miles to the west where elephants once lived with the other members of the La Breann mega-fauna and the ancestral Chumash. I also reflected on the diverse characters that were brought together over the years by the spirit of the elephant.

Image from:  
[pristinewebspace-forme.net](http://pristinewebspace-forme.net)



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**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.