

Orcutt Mineral Society, Inc.



# Ore-Cutts



Volume LIII, Issue 2

## THE PRES BOX—FEBRUARY 2019

Wayne Mills, OMS President



Our January meeting was sparsely attended. We had one guest, a daughter of a former member and she was pretty lucky on the door prize activity. Renea found a stash of prizes, and there were some nice

ones. I got the second to the last prize, and it was *Lithium Quartz*, apparently a made-up name for rose quartz, but it has some calming properties that might come in handy this year. Many thanks to Wes Lingerfelt who came up with a new agate program for our January meeting. It was very educational and entertaining.

Our highway clean-up was on January 12. We meet at 8:00 a.m. at the Park-n-Ride at the southeast corner of Route 101 and 166 east. It is good exercise, and kind of fun, especially when we are having treats and coffee afterwards at the Country Kitchen in Santa Maria. And we can always use another hand or several. (See the article on our Highway outing inside.)

Our February Field Trip is to Ralph Bishop's Museum on the 16<sup>th</sup>. We will meet in front of his home at 10 a.m., and go through the museum a few at a time. If you haven't seen the museum, check out the article on the OMS website, "A Field Trip to Rock Fantasyland" [http://www.omsinc.org/Ralph%27s%20Museum%20Tour\\_web.pdf](http://www.omsinc.org/Ralph%27s%20Museum%20Tour_web.pdf)

You're in for a treat!

The Program for February is the ABC's of Rocks, and the display is rocks you would like identified or that you feel like sharing. Save the best ones for March which will be "Show and Tell".

Our Monthly Breakfast will be on the 23<sup>rd</sup> (4<sup>th</sup> Saturday) at the Country Kitchen in Arroyo Grande (775 El Camino). Bill Hood has kindly agreed to continue to be in charge of the monthly breakfasts, and the breakfasts will follow the order that is shown in the 2018 Red Book (page 11). Please make plans to attend at least one during the year, as they are often poorly attended. "The more the merrier" as the saying goes.

Don't forget to put the CFMS/VMS show at the Pomona Fairgrounds (March 8-10) on your calendar, it should be a great show!

Be safe out there

*Wayne Mills*

## 2019 MEMBERSHIP DUES

Regular adult membership \$24.00,  
Two adult family members \$34.00,  
Each additional family member at  
the same address \$5.00.



Dues can be paid at the February General Meeting, but please bring exact change if paying by cash. Dues must be paid by the March General Meeting to be included in the 2019 Red Book.

## OMS FAITHFUL SLOGS THROUGH A SOGGY CLEAN-UP

Wayne W Mills, Adopt-A-Highway Coordinator

Six hardy souls, the core of the OMS AAH Crew showed up on a soggy Saturday morning to clean our stretch of Highway 166 east of Route 101. My thanks go out to Wes and Marty Lingerfelt, Sally Griffith, Geary Sheffer, and Stan Ferguson for their help.

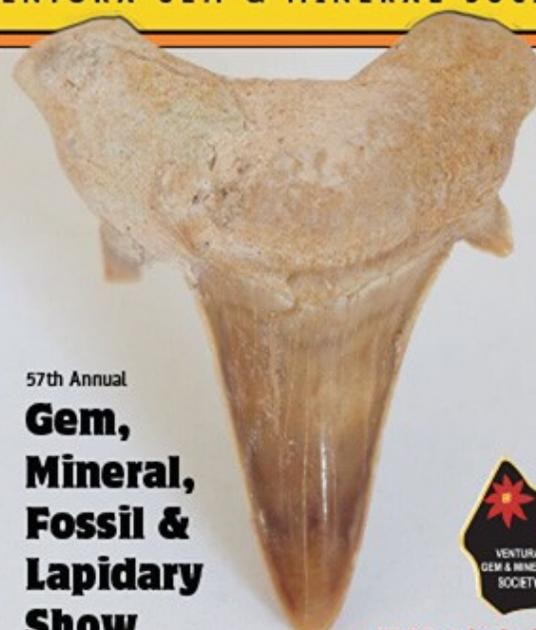
We picked-up a lot of wet trash, and our bags got heavy pretty quickly. Marty came away with 26 cents, but Geary found the prize of the day (again), a functioning gram scale. I found two large truck tires that I left for Caltrans to deal with.

We were done about 9:30, and retired to the Country Kitchen in Santa Maria for biscuits and gravy and apple pie (for me). Wes furnished the prize for the day a neat Crazy Lace Agate egg. Our hostess, Shelly, pulled the winning name out of a hat. And Sally Gee was the big winner! As you can see from the picture, she was a happy lady!

Our next AAH (Adopt-A-Highway) outing is March 9 (second Saturday of odd-numbered months). Please consider joining us!



VENTURA GEM & MINERAL SOCIETY



57th Annual  
**Gem,  
Mineral,  
Fossil &  
Lapidary  
Show**

  
**FREE Admission**

Sat. 10 AM - 5 PM • Sun. 10 AM - 4 PM • More info: [vgms.org](http://vgms.org)

## March 2 & 3, 2019

Gems & Minerals • Fossils • Exhibits • Dealers  
Kids' Activities • Demonstrations • Silent Auctions  
Raffle Prizes • Jewelry • Country Store • Plant Sale

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

## OMS MEMBERS BIRTHDAY'S & ANNIVERSARIES

Greetings & Congratulations go out to our members who are having birthdays and anniversaries this month:

### BIRTHDAYS

Marshall Reeves	2/8
Jan Ferguson	2/16
Alexis Van Natta	2/20

**NOTE:** *If you don't see your name here when you should, then the information is not in The Red Book or the Editor made a mistake in the list; either way please write your important dates down and give them to Wayne so they will be included in the next edition (April 2019)*

## AMAZING AGATES - PART 2

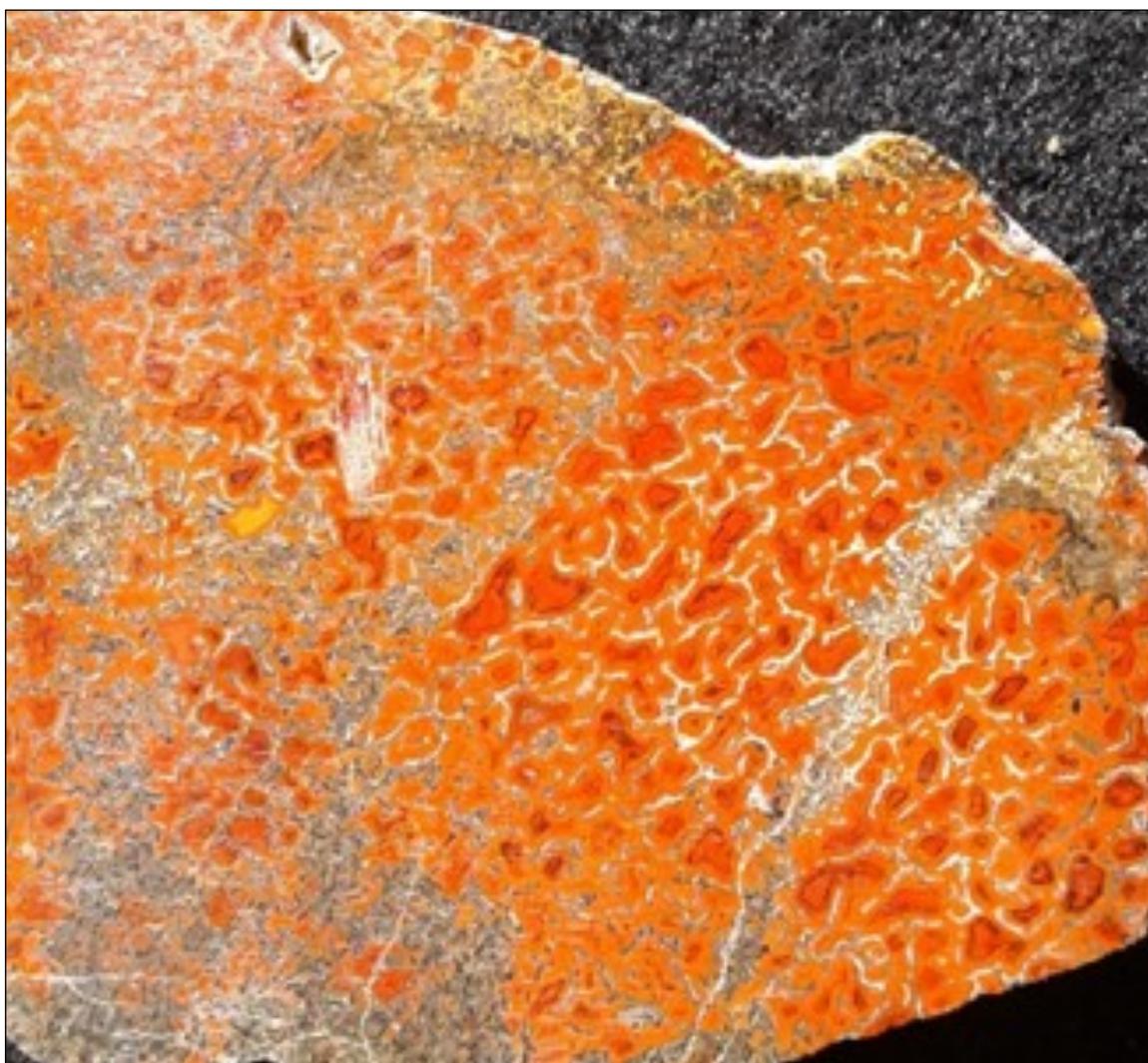
Pictures and Text by Wayne W Mills, OMS  
(unless otherwise noted)

**Fossils**—examples abound where fossils including: bone, wood, coral and shells have been replaced by agate. One famous location is Tampa Bay, Florida where various species of coral have been replaced by agate. Agatized dinosaur bone is found in the Morrison Formation of Eastern Utah. Locally, agatized whale bone is found weathering out of the Monterey Formation at Jalama Beach in Santa Barbara County. OMS member Ralph Bishop has collected fossil murex shells replaced by agate from near San Miguel in San Luis Obispo County.

*(Continued on page 4)*



*Agatized Murex from near San Miguel, CA*



*Agatized dinosaur bone from near Moab, Utah*

(Continued from page 3)

**Iris**—Similar to shadow agate, (fine bands near each other), but when held to the light, iris agate displays a rainbow!



*Horse Mountain iris agate collected in Tennessee by Dave Ault. His flickr steam has additional pictures and information*

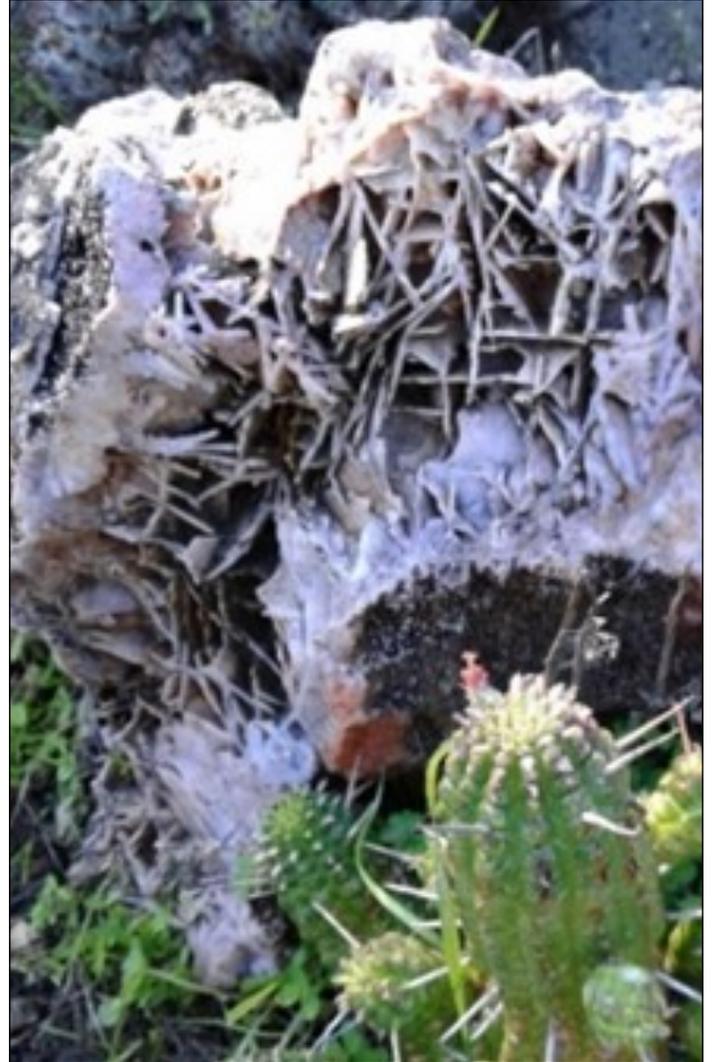
<https://www.flickr.com/photos/25121551@N07/>

**Lace**—“Crazy Lace” Agate comes from Chihuahua, Mexico and Blue Lace Agate comes from Africa.



*Detail of “Crazy Lace” Agate sphere from Chihuahua, Mexico.*

**Lattice**—An agate and Quartz pseudomorph after Barite from Ivanpah, San Bernardino Co., Ca, is sometimes called "Lattice Agate".



*Above: Rough specimen of Lattice agate  
Below: Finished specimen of Lattice Agate*



**Limb Cast**—When a piece of wood is encased in volcanic ash (or other medium that eventually solidifies), it can either be partially or totally replaced by chalcedony or agate. One of the most famous locations for limb casts (total replacement by chalcedony) is Texas Springs near Jackpot in Elko Co., Nevada.



Here lovely pink chalcedony replaces Oligocene age (25-33 mybp) wood. <http://www.earthquestminerals.com/wood%20gallery/pw212.html>

**Marcasite**—Marcasite is iron disulfide, not to be confused with its cousin, Pyrite that is also iron disulfide. It occasionally forms in fissures and gas bubbles in volcanic rocks, (notably) in the Nipomo Volcanics where its' delicate fern-like form is preserved by the precipitation of chalcedony that percolates in solution through the permeable basalt.

*(Continued on page 6)*



The specimen pictured above is from the Nipomo Volcanics, though Marcasite Agate occurs in many other locations.



While this specimen from the Yellowstone River in Montana is not technically a limb cast (some of the original wood grain remains), it has mostly been replaced with chalcedony. Many of the Montana Agates are agate replacements of wood i.e. limb casts. (Source, Doug True, AFMS)

(Continued from page 5)

**Moss**—Moss Agate is found in many locations notably India (Indian Moss Agate), Montana Agate, and Horse Canyon Agate (near Tehachapi, CA California.. The moss can be different colors depending on the mineral inclusion causing it.



Montana Moss Agate - Yellowstone River Horse Canyon Agate



Horse Canyon Agate from near Tehachapi, CA

**Oolitic**—oolites are rocks comprised of limy mud balls (ooids) ranging between 0.25–2 millimeters in diameter. Rocks composed of ooids larger than 2 mm are called pisolites. Generally rocks containing oolites and pisolites are limestone. However, exceptions can occur, like when the limestone

structure is replaced by silica creating Oolitic (or Pisolitic) Agate. (Source: <http://www.psciences.net/main/sciences/geology/articles/oolite-pizolite-en.html>)



The above Oolitic esmples are preserved in Superior Agates from Minnesota.

**Parallax (Shadow)** -- Fine bands of alternating colors very near each other can create a shadow that appears to move as the agate is rotated.



This Laguna Agate from Mexico illustrates the "shadow effect" especially on its lower margins. Photo from Worthpoint.com

**Plasma**—An on-line discussion I found for Plasma Agate notes that it is "agate and jasper swirled together". Another post on the same forum stated that "it is a location stone" from Clear Creek in San Benito County, CA. I think both may apply, as you can see by this photo. Remember that green quartz is called **Chrysoprase**. Another fact to remember is that this material is formed in a metamorphic terrain—the **Greenschist Facies** (low temperature, low pressure) to be more precise. Note too that a

lot of rocks from the Franciscan Formation (that this material comes from) are green (actinolite, serpentine, chert and jade). <http://forum.rocktumblinghobby.com/thread/68188/defining-plasma-agate>.



*Pictured above is a specimen of Plasma agate from Clear Creek in San Benito County, CA*

**Plume**—Texas and Oregon (Friday Ranch) are famous for their plume agates. So too is Graveyard Point in Eastern Oregon.



*Pictured above is a sphere of Graveyard Point Plume agate*



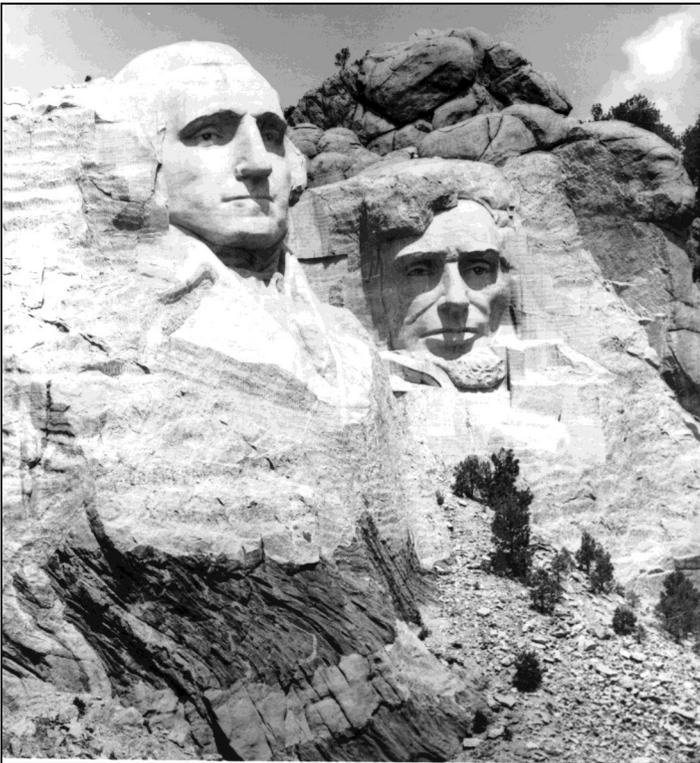
<http://javabird.com/blog/2012/08/07/precious-moments-and-semi-precious-stones/>

## BITS & BYTES

February is a month of observing President's birthdays and celebrating the existence of candy and flowers. For February Bits and Bytes column I decided to challenge myself to having the story links be related to February observations and celebrations. I hope you enjoy reading and discovering these interesting articles as much as I enjoyed the hunt to find them.

### The Geologic Activity of Mount Rushmore

<https://www.nps.gov/moru/learn/nature/geologicactivity.htm>



Credit: Photo courtesy of the U.S. National Park Service.

<https://www.nps.gov/media/photo/gallery.htm?id=F47518BA-155D-4519-3E3F35CAD0584ADE>

### A special room lies behind Abraham Lincoln's head at Mount Rushmore

<https://www.chron.com/news/strange-weird/article/The-secret-room-inside-Abraham-Lincoln-s-head-at-8195507.php>

### Mount Rushmore - 98 second video fast facts video

<https://www.history.com/topics/us-presidents/mount-rushmore-1>

### The Geologists' Valentine Ball

Scroll down the page to the he dinosaur song video at the end . It is is pretty cute! *"Because you are not here I an love you so much more!"*

<https://blog.geolsoc.org.uk/2014/02/14/the-geologists-valentine-ball-2/>

### How do Desert Roses Form?

<https://tinyurl.com/y7vnebd>



### A Gemstone That Looks Like Deconstructed Chocolate Bars

<http://www.geologyin.com/2019/01/a-gemstone->



Chocolate Calcite

## MINING FOR AQUAMARINE ON MT. ANTERO'S SLOPES

I recently watched the first episode of [Mt. Antero Treasures - Mining Aquamarine](#). The episode description is "Craig and Tracie Cardwell and their prospecting team wager everything on mining for precious gems. Using clues from an old treasure map, the team scours Mt. Antero's 14,000 ft slopes in search of its famed aquamarine. Under a tight seasonal-window and looming mountain hazards, the team races against the clock to strike it big." Bonus for being the newsletter editor is doing random searches for something to put in the newsletter and finding a surprising "gem". I won't spoil the show with sharing all the things I learned about gems, gem mining, and the extreme lengths and risk people are willing to go to find treasures; but, I will say pop some popcorn and get comfy for a 46 minute adventure of discovery that will leave you amazed and probably a little bit jealous of these very serious gem hunters. The episode can be found at <https://tinyurl.com/y2ufchlX>



*Phenakite found on Mt. Antero*



*Aquamarine found on Mt. Antero*



*Mt. Antero is near Buena Vista in Chaffee County, (Central) Colorado*

## 2019 TO BE THE INTERNATIONAL YEAR OF THE PERIODIC TABLE

By Emma Stone, Senior Science  
Correspondent, Chemistry World

REPRINTED FROM <https://www.chemistryworld.com/news/2019-to-be-the-international-year-of-the-periodic-table/3008504.article>

Celebrations throughout next year will aim to boost public awareness of chemistry.

The United Nations has designated 2019 as the international year of the periodic table of chemical elements.

The year will coincide with the 150th anniversary of the table's creation by Dmitry Mendeleev. It will also mark a number of other milestones in the history of chemistry, including the discovery of phosphorus 350 years ago, Antoine Lavoisier's categorisation of 33 elements in 1789 and the formulation of the law of the triads by Johann Wolfgang Döbereiner 190 years ago.

### FUN FACTS ABOUT PERIODIC TABLE: FROM PLAYING CARDS TO PREDICTING ELEMENTS

REPRINTED FROM <https://sptnkne.ws/kEne>

February 8 marks the 185th birthday of outstanding Russian chemist Dmitry Mendeleev, who revolutionised chemistry 150 years ago, having devised the periodic table of elements.

Three years ago, the Google search engine dedicated one of its signature doodles to the 182nd birthday of the "father" of the periodic system Dmitry Mendeleev. In 1869, Mendeleev published the first recognisable periodic table, created to illustrate periodic trends of dozens of elements known at the time and demonstrated how they related to each other in a certain pattern.

Here are some lesser-known fun facts about his groundbreaking invention:

#### Playing Cards With Chemistry

As surreal as it might seem, Mendeleev's "eureka moment" might have come when he was playing his favourite card game Solitaire. The chemist decided to use the format of the game to help bring order to his periodic table: in the game, cards are arranged both by suit, horizontally, and by number, vertically.

So, what he did was he made up a set of cards, one for each of then-known elements, and wrote the atomic weight and the properties of each element on a card.

In February 1869, Mendeleev was working on organising the elements with his cards, arranging and rearranging them in various sequences until he eventually noticed some gaps in the order of atomic mass. Exhausted from his relentless efforts, the chemist fell asleep and saw his future invention in a dream.

#### Element 115 Exists Less Than a Second

Mendeleev's mission lives on after all these years as scientists continue to adjust the periodic table, discovering new elements. Currently, the table consists of 118 elements, which are organised by their atomic numbers, and it was only in January 2016 that elements 113, 115, 117 and 118, Nihonium, Moscovium, Tennessine and Oganesson, respectively, were added to the table's seventh row to make it complete.

Most of the isotopes of superheavy elements are unstable and undergo decays within a very short period of time, thus, for instance, Moscovium, which goes by atomic number 115, is highly radioactive and its most stable known isotope, moscovium-290, has a half-life of merely 0.8 seconds.

#### Artificial Vs. Natural

While there are 118 confirmed elements in the periodic table, out of which 90 can be found in nature, others are strictly man-made. Technetium

was the first man-made element in the table, discovered by Carlo Perrier and Emilio Segre in 1937 and named after the Greek for artificial — "technetos".

### Argentina Named After Element

Rumour has it Argentina was named after silver, known as argentum in Latin, becoming the only country to be named after a chemical element. The first use of the name "Argentina" can be traced back to expeditions by the Spanish and Portuguese

conquistadors to the Río de la Plata, or "River of Silver", in the early 16th century.

### Predicting Elements

Back in 1871, such elements as gallium, germanium, and scandium were all unknown, but Mendeleev left spaces for each and predicted their atomic masses and other chemical properties. They were discovered within 15 years, fully complying with basic characteristics the chemist had thought of. Such accuracy in predictions significantly contributed to the table's acceptance.

## The Periodic Table of the Elements, in Pictures

The periodic table is color-coded and includes a legend for physical states and properties. Key features include:

- Color Key:** Metals (left), Nonmetals (right), Noble Gases (far right), Transition Metals (center), Superheavy Elements (bottom), Rare Earth Metals (bottom left), Actinide Metals (bottom left).
- Physical States:** Solid (blue), Liquid (green), Gas (yellow).
- Properties:** Human Body (top ten elements by weight), Earth's Crust (top eight elements by weight), Magnetic (ferromagnetic at room temperature), Noble Metals (corrosion-resistant), Radioactive (all isotopes are radioactive), Only Traces Found in Nature (less than a millionth percent of earth's crust), Never Found in Nature (only made by people).

© 2005-2016 Keith Enevoldsen elements.wlonk.com Creative Commons Attribution-ShareAlike 4.0 International License

The Periodic Table of Elements, in Pictures and Words created by Keith Enevoldsen  
<https://mymodernmet.com/illustrated-periodic-table/>

The same site has a list of the elements, their descriptions and use or occurrence  
<https://elements.wlonk.com/ElementUses.htm>

## OMS CALENDAR

<b>FEBRUARY 2019</b>	
<b>Tue, Feb 5 6 to 7 p.m.</b>	<b>OMS Board Meeting, Nipomo Chamber of Commerce</b> 239 W Tefft St, Nipomo All members are welcome at this meeting
<b>Tue, Feb 12 7 to 9 p.m.</b>	<b>General Meeting: Oasis Senior Center</b> 420 Soares Av, Santa Maria, CA  <b>Program: The ABC's of Rocks</b> <b>Display:</b> A couple of rocks you would like identified, or Anything! <b>Refreshments:</b> Pie
<b>Sat, Feb 16 10 a.m. - 1 pm</b>	Ralph Bishop's Museum Check the Red Book for address
<b>Sat, Feb 22 8:30 a.m.</b>	<b>OMS Monthly Breakfast</b> Country Kitchen Arroyo Grande 775 El Camino, Arroyo Grande
<b>MARCH 2019</b>	
<b>Tue, Mar 5 6 to 7 p.m.</b>	<b>OMS Board Meeting, Nipomo Chamber of Commerce</b> 239 W Tefft St, Nipomo All members are welcome at this meeting
<b>Sat, Mar 9 8 a.m.</b>	<b>Highway Clean-up</b> Southeast Corner Hwy 101/166 East
<b>Tue, Mar 12 7 to 9 p.m.</b>	<b>General Meeting: Oasis Senior Center</b> 420 Soares Av, Santa Maria, CA  <b>Program:</b> Show and Tell <b>Display:</b> Favorite rock you would like to tell the club about (in a few words). <b>Refreshments:</b> Cake
<b>Sat, Mar 22 8:30 a.m.</b>	<b>OMS Monthly Breakfast</b> Hometown Buffet, Santa Maria 1431 S Bradley Rd., Santa Maria

## 2019 OMS OFFICERS

<b>President</b>	Wayne Mills	(805) 481-3495
<b>President-Elect</b>	Bill Brown	(805) 481-1811
<b>Secretary</b>	Debbie Hood	(805) 481-6860
<b>Treasurer</b>	Jeanne Watkins Brown	(805) 481-1811
<b>Imm. Past Pres.</b>	Sylvia Nasholm	(805) 481-0923

## 2019 OMS BOARD MEMBERS

Dick Bazzell	(805) 736-5033
Dyanna Cridelich	(805) 937-4347
Jan Ferguson	(805) 474-9977
Alexis Van Natta	(805) 937-4347
Renea Sutcliffe	(805) 929-2783

## CFMS FEDERATION DIRECTOR

Renea Sutcliffe	(805) 929-2783
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**OMS Membership:** \$24 for Individual, \$34 per couple, \$5 Each Additional Family Member, \$5 for Juniors under age of 18. One-time \$10 initiation fee for new members.

### Membership Chairperson:

Debbie Hood (805) 481-6860

**OMS Webmaster:** Bill Brown (805) 481-1811

OMS web site at [www.omsinc.org](http://www.omsinc.org) or e-mail [info@omsinc.org](mailto:info@omsinc.org)

**Ore-Cutts Editor/Publisher:** Elisabeth Nybo

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## UPCOMING CFMS SHOWS

**February 15 - 24: INDIO, CA**  
**San Geronio Mineral & Gem Society**  
 Riverside County Fair & National Date Festival  
 82-503 Highway 111  
 Hours: 10 - 10 daily  
 Contact: Bert Grisham, (951) 849-1674  
 Email: [bert67@verizon.net](mailto:bert67@verizon.net)

**February 16 - 17: ANTIOCH, CA**  
**Antioch Lapidary Club**  
 Contra Costa County Fairgrounds  
 1201 West 10th Street  
 Hours: 10 - 5 daily  
 Contact: Brenda Miguel, (925) 301-6957  
 Email: [brenda.miguel@yahoo.com](mailto:brenda.miguel@yahoo.com)  
 Website: <http://www.antiochlapidaryclub.com>

**February 23 - 24: VALLEJO, CA**  
**Vallejo Gem & Mineral Society**  
 McCormack Hall, Solano County Fairgrounds  
 900 Fairgrounds Drive  
 Hours: 10 - 5 daily  
 Contact: Dan Wolke, 707 334-2950  
 Email: [dncwolke@sbcglobal.net](mailto:dncwolke@sbcglobal.net)  
 Website: [www.vjgems.org](http://www.vjgems.org)

**March 1, 2, & 3: NEWARK, CA**  
**Mineral & Gem Society of Castro Valley**  
 Newark Pavilion  
 6430 Thornton Avenue  
 Hours: Fri & Sat 10 - 6; Sun 10 - 5  
 Contact: Beth Farmer, (510)-731-8664  
 Email: [bethfarmer@aol.com](mailto:bethfarmer@aol.com)  
 Website: [www.mgscv.org](http://www.mgscv.org)

**March 2 - 3: VENTURA, CA**  
**Ventura Gem & Mineral Society**  
 Ventura County Fairgrounds  
 10 West Harbor Blvd.  
 Hours: Sat 10 - 5; Sun 10 - 4  
 Contact: Diane Cook, (805) 312-8467  
 Email: [info@vgms.org](mailto:info@vgms.org)  
 Website: [www.vgms.org](http://www.vgms.org)

**March 8 - 10, 2019: POMONA, CA**  
**80th CFMS SHOW & CONVENTION**  
 Hosted by the Pasadena Lapidary Society  
 FairPlex, Building 6, Pomona, CA  
 Hours: Fri. & Sat. 10 - 5, Sun. 10 - 4  
 Website: <http://pasadenalapidary.org/>  
 Showpage: <https://pasadenalapidary.org/2019-show/>

**March 8 - 10: VICTORVILLE, CA**  
**Victorville Valley Gem & Mineral Club**  
 Stoddard Wells Tailgate  
 Stoddard Wells Road off Dale Evans Pkwy  
 Hours: 9 - 5 daily  
 Contact: Sandy Skidmore, (760) 617-6001  
 Email: [info@vvgmc.org](mailto:info@vvgmc.org)  
 Showpage: <https://vvgmc.org/tailgate.html>

**March 9 - 10: SPRECKELS, CA**  
**Salinas Rock and Gem Society**  
 Spreckel's Veteran's Memorial Hall  
 5th & Llano Streets  
 Hours: 10 - 5 daily  
 Contact: Kirk Brock, (831) 402-1143  
 Email: [jademan@hotmail.com](mailto:jademan@hotmail.com)  
 Website: <http://salinasrockandgem.pagecloud.com>

**March 9 - 10: TURLOCK, CA**  
**Mother Lode Mineral Society, Modesto**  
 Stanislaus County Fairgrounds  
 900 North Broadway  
 Hours: 10 - 5 daily  
 Contacts: Bud & Terry McMillin, (209) 484-4416  
 Email: [terry.mcmillin@yahoo.com](mailto:terry.mcmillin@yahoo.com)  
 Showpage: <http://www.turlockgemshow.com/>

**March 16 - 17: LEMOORE, CA**  
**Lemoore Gem & Mineral Club**  
 Trinity Hall  
 470 Champion Street  
 Hours: Sat 10 - 6; Sun 10 - 4  
 Contact: Dave Morrell, (559) 362-8904  
 Email: [dmorrell321@gmail.com](mailto:dmorrell321@gmail.com)  
 Website: [www.lemooregemandmineralclub.wordpress.com](http://www.lemooregemandmineralclub.wordpress.com)

**ORCUTT MINERAL SOCIETY  
BOARD MEETING  
LUIS OASIS SENIOR CENTER  
ORCUTT, CA  
JANUARY 8, 2019**

Meeting was opened by President Wayne Mills at 6:10 pm.

Present were: Wayne Mills (President,) Debbie Hood (Secretary,) Jan Ferguson (Board Member,) Jeanne Brown (Treasurer,) Bill Brown (President Elect,) and Renea Sutcliffe (Board Member,) and Sylvia Nasholm (Immediate Past President.) *Not present were Dyana Cridelich (Board Member,) Alexis Van Atta (Board Member,) and Dick Bazzell (Board Member) absent due to business.*

Minutes of the December 8, 2018 Annual Meeting were read by President Mills and were accepted as corrected.

Treasurer's Report was given by Jeanne Brown and accepted as given. A correction of the Proposed Budget for 2019 to reflect the decision not to pay anyone to put on the Gem Show, was proposed by Jeanne Brown and seconded by Debbie Hood, and approved on a 6:1 vote with 1 abstaining.

Correspondence: None. Debbie Hood will get the key to the mailbox from Dyana Cridelich.

Bulletin is on the internet, e-mail version has been sent out and snail mail on its way.

Refreshments: Sally Griffin brought the donuts for tonight's meeting.

CFMS: Renea Sutcliffe announced this year's CFMS Show will be in Pasadena, March 8 – 10.

Membership: None.

Field Trips: First field trip of year will be to Ralph Bishop's Museum on Saturday, February 16 from 10 am to 1 pm.

Adopt a Highway Clean Up: Saturday, January 12th, 8 am SE Corner Hwy 101/166 East.

Annual Meeting: Madonna Inn on December 7, 2019.

Breakfast: Jan 26 at 8:30 am Country Kitchen, Santa Maria.

Library: none.

Sunshine: Dyana Cridelich and Bill Brown have both been ill recently.

Scholarships: None. Wayne Mills will contact Cuesta College regarding their new Geology program, and Jeanne Brown will contact Hancock College regarding their programs that might fit the OMS parameters for the scholarship.

Old Business: Wayne Mills has sent a letter to Sharon

Duncan regarding her proposal to run the show, thanking her but declining her offer on the basis that it should be a volunteer position. Sharon has turned over dealer information so contracts can be sent out. Her proposal outlined the job very thoroughly and Wayne has volunteered to be Show Chairman this year.

Our Domain Name has been renewed and Bill Brown is contacting Dick Shields (who originally set it up) to get permission to make changes to it arranged with the company we are currently using.

The Oasis Senior Center is all set for this year, they have insurance information.

Jan Ferguson brought up that some of the Redbooks printed last year were all out of order. Wayne agreed that they need to be double checked before distribution.

New Business: There are still some Committee positions that need to be filled. Wayne will ask for volunteers at the meeting.

Renea has prizes for the first six months all lined up, but requests that donations be made with a tag stating what the material is, where it is from and the donor's name.

Meeting was closed at 6:45 pm.

Respectfully Submitted

Debbie Hood  
OMS Secretary

**ORCUTT MINERAL SOCIETY  
GENERAL MEETING  
LUIS OASIS SENIOR CENTER  
ORCUTT, CA  
JANUARY 8, 2019**

Meeting opened at 7:01 pm by President Wayne Mills.

Invocation was given by OMS Chaplin Mike Henson.

Flag Salute led by Don Nasholm.

Minutes of the OMS Annual Meeting, taken by Wayne Mills, were read by Debbie Hood and accepted as read.

Treasurer's Report was given by Jeanne Brown and accepted as given.

Correspondence: None

Bulletin: is in the mail, e-mail version has been sent out. Editor Elisabeth Nybo was presented with the Queensland agates from Sir Paul Howard that accompanies the *Rockhound of the Year Award*.

Wayne Mills circulated the sign-up sheet for refreshments for 2019.

CFMS: Renea reported that the CFMS Show will be in Pomona March 8-10 this Year.

Field Trips: The first one this year will be to Ralph Bishop's museum Feb 16 from 10 am till 1 pm.

Adopt A Highway: Clean-up is scheduled for Saturday Jan 12 if it is **not** raining.

Hospitality: there are 19 members present and 1 guest.

Breakfast: Will be at *Country Kitchen* in Santa Maria on January 26 at 8:30 am.

Scholarship: None.

Sunshine: Dyana Cridelich and Bill Brown have both been under the weather.

Old Business: Wayne Mills reported the following:

- Use of the Oasis Center is set for the year.
- Use of Pioneer Park for the Semiannual Meeting is set up and paid for.
- Contract for use of Nipomo High School for our Show has been delivered.
- Dealer contracts will go out soon.
- Domain name for our website is paid for the year.

The changes to the Operating Regulations cannot be voted on tonight due to the lack of a quorum. Parliamentarian Wes Lingerfelt stated we will vote on it next month.

New Business: Wayne Mills announced that Renea has the door prizes for the first 6 months lined up. Renea requested that donors include information identifying specimen, origin, and donor's name.

Wayne Mills reported a Christmas Letter from Sir Paul Howard with his new address.

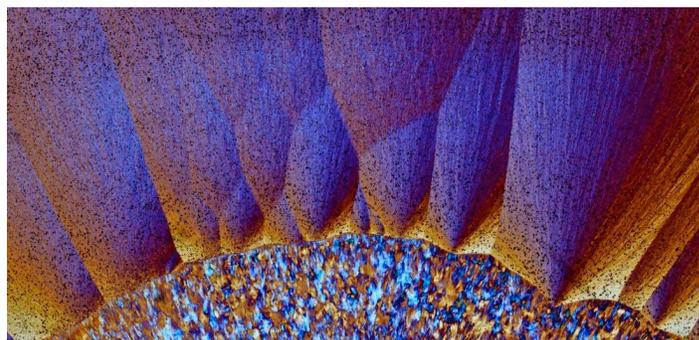
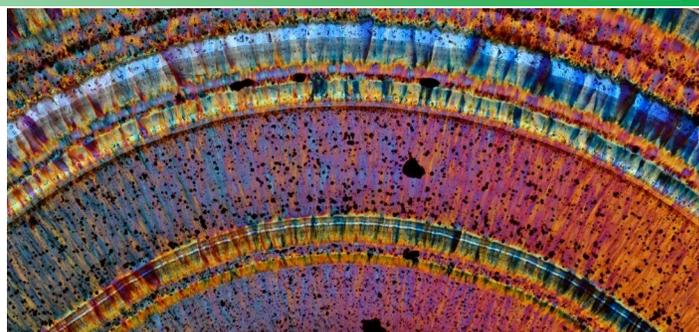
After a short break for refreshments Wes Lingerfelt gave an original Program on Agates that will be uploaded to the archives on our website.

Door prizes were awarded

Meeting was closed at 8:45 pm.

Respectfully Submitted

Debbie Hood  
OMS Secretary



*Agates under a microscope*

[www.facebook.com/Microrockscopica](http://www.facebook.com/Microrockscopica)

The ORE-CUTTS, named after William Orcutt, was first published in 1966. Member Helen Azevedo was the first editor.

The Orcutt Mineral Society (OMS) was founded in 1958, was also named after William Orcutt. He was a geologist and civil engineer who, in 1888, worked in the Santa Maria Valley as a District Manager for Union Oil Company. In 1889, William Orcutt discovered the mineral and fossil wealth of the La Brea Tar Pits in Los Angeles, on the property of Captain Alan Hancock there. 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.

Additionally, 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. OMS affiliations include American Federation of Mineral Societies, and California Federation of Mineral Societies.





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P.O. Box 106  
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ADDRESS CORRECTION REQUESTED



# Ore-Cutts



*The Pasadena Lapidary Society &  
The California Federation of Mineralogical Societies  
Present*

California's  
**Natural Treasures**

2019 CFMS Annual Show & Convention  
Fairplex, Building 6 • Pomona, California

March 8-10, 2019  
10am-5pm (Fri/Sat) • 10am-4pm (Sun)

<https://pasadenalapidary.org/2019-show/>

<http://www.omsinc.org/>

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