



Birthdays

Don Nasholm
October 26th

Anniversaries

Jeannie Beattie
October 10th

Who is Bringing Snacks?

October is CAKE! The Azevedos, Robyn Burgess, and Steve Strachan have signed up to bring cake to the October general meeting. Hopefully, someone will bring a pineapple upside down cake.



The Prez Box - October 2024



I just attended a great field trip to San Simeon beach area. It was a great field trip day, and we found some great rocks. I already had them cut and polished. I am going to have the new rocks put into a couple pieces of art. However, we didn't have as many members on the field trip as expected. So, we either need to change how we get the word out or change the

destination. Let me know if you have any ideas at the meeting.

The field trip was on Saturday and the next day I visited our new workshop. I was able to cut the rocks I brought and the saws work great....(once you get the hang of new machine features). I know we will want to work on this some more and I am very grateful for Steve and Joey lending their space and support for this project. We still have a lot to do, but if we can make a high functioning workshop then I am sure members will see the advantages. There is nothing like being able to find and create your own gemstone creations.

The last weekend of September is another Gem Show that I hope you can visit from our neighboring club, the San Luis Obispo Gem and Mineral Society. And bring a rock for the rock doc, our Wayne Mills. I will be there on Saturday; I hope to see you.

Most of all, I hope to see you at our next meeting. We have some important business, like picking some more chairs for the upcoming year.

See you soon,

Joe Goetz
OMS President

October 2024

October 7 at 7:00 pm - Board Meeting in Wes Lingerfelt's Garden

October 8 at 7:00 pm - General Meeting at the Oasis Senior Center

October 19 - OMS Workshop Day as our field trip. Check out the new equipment.

November 2024

November 4 at 7:00 pm - Board Meeting in Wes Lingerfelt's Garden

November 12 at 7:00 pm - General Meeting at the Oasis Senior Center

November 9 at 8:00 am - Highway Clean-Up at the south east corner of highway 101 and 166

November 16 - OMS Field Trip - TBD

December 2024

December 2 at 7:00 pm - Board Meeting in Wes Lingerfelt's Garden

December 14 from 12 to pm - Annual Banquet at the Golden Corral
2104 S Bradley Rd
Unit A-1
Santa Maria, CA 93455

Biominerals

By Tara Machin

We are the Orcutt Mineral Society. That title implies that all minerals that we love and study are inorganic in nature and are only found in, on, or near rocks. However, there are minerals that are formed by organic means as well.

Biominerals are minerals that organisms produce to fulfill specific biological functions. Think about calcium carbonate found in seashells or hydroxyapatite in our bones and teeth.

One key difference between biominerals and inorganic, rock based minerals lies in their formation. Inorganic minerals form through abiotic processes such as crystallization from molten magma or precipitation from solutions. Biominerals are formed by biological systems. Organisms use proteins, enzymes, and other organic molecules to guide the formation of minerals. As a result, biominerals often exhibit structures with intricate designs that enhance their performance. One example is nacre, also known as mother-of-pearl. It consists of alternating layers of calcium carbonate and organic matrix, which makes it both strong and flexible. Pure calcium carbonate found in rocks is brittle and more prone to fracture.

Of course, some traditional rocks that we are familiar with also came from an organic source long, long ago. I am thinking of limestone as an example. Biological organisms lived, died, and became deposited on the sea floor. Many millions of years of pressure turned these biological remnants into sedimentary rock.

There are also some precious biominerals that you might be familiar with in some jewelry. Coral, pearls, ammonite, and odontolite.

Odontolite is produced by heating mastodon tusks. The tusks turn to a beautiful blue color that looks similar to turquoise and was used in jewelry in the middle ages.

There is a short video about biominerals being used as precious gemstones. Click below to watch.

<https://www.youtube.com/watch?v=W1bNsglemFO>



OMS Highway Clean-up Report July 2024

By Wayne Mills

Orcutt Mineral Society conducted their September clean-up of their portion of Highway 166 east of Highway 101 on Saturday, September 14. This was part of Caltrans Annual Coastal Clean-up. We had cool weather for the event, but the highway was quite dirty! Fortunately, 11 folks showed-up to help us do the job. Many thanks to : Wes & Marty Lingerfelt, Steve and Lisa Siemsen, Joe Garcia, Tom Gastineau, Joe Azevedo, Sally Griffith, Geary Sheffer, Butch Poggi (a friend of Wes's) and yours truly for their help.

Some of our unusual finds included: a flat raccoon corpse, cow bones, 2 credit cards, a new button battery, about 20 empty bags of concrete and ½ bucket of hard concrete, Styrofoam peanuts on both sides of the road throughout our section, several "trucker bombs", phone charger, tire weight, metric socket, Broken-up mattress, brass nut, CVP Joint (Tom) and I Pad and a dollar bill (Geary).

We got about 8 bags of trash, and 2 bags of recyclables in the 1.75 or so hours we spent on the job. Afterwards, we headed to the Mayors Place in Nipomo for refreshments. Tom Gastineau won an amethyst geode that Wes Lingerfelt brought for our "incentive prize", and promptly gave it to our hostess who ardently admired it. After snacks, I visited several booths that were placed along Tefft Street (Street Fair), then Mystic Nature where our President, Joe Goetz) was demonstrating his rock-art. I even got a free 5+ minute massage there! Thank you Stacey!

Displays from the September General Meeting

Treasure hunt around the newsletter to see more displays from the meeting. I'm using them as photo fillers. Thank you, everyone! - Tara



Upcoming Rock and Mineral Shows

October 5-6, 2024 - Grass Valley, CA
Nevada County Gem and Mineral Society
Contact: 4vanclan5@att.net
Website: <http://ncgms.org>

October 5-6, 2024 - Anderson, CA
Shasta Gem & Mineral Society
Contact: kelly13@shasta.com
Website: www.shastagemandmineral.org

October 12-13, 2024 - Redwood City, CA
Peninsula Gem and Geology Society and
Sequoia Gem and Mineral Society
Contact: cci@pacbell.net
Website: www.sequoiagemandmineralsociety.org

October 12-13, 2024 - Long Beach, CA
Long Beach Mineral and Gem Society
Contact: lbmineralgemsociety@gmail.com
Website: <http://www.facebook.com/LBMGS>

October 13, 2024 - Fallbrook, CA
Fallbrook Gem and Mineral Society
Website: <http://www.fgms.org>

October 19, 2024 - West Hills, CA
Woodland Hills Rock Chippers
Contact: barnettcelia53@gmail.com
Website: <http://www.rockchippers.org>

October 19-20, 2024 - Santa Rosa, CA
Santa Rosa Mineral & Gem Society
Contact: coons@sonic.net
Website: <http://SRMGS.org>

October 26, 2024 - Lake Elsinore, CA
Lake Elsinore Gem & Mineral Society
Contact: berylman50@aol.com

October 26-27, 2024 - Sacramento, CA
Sacramento Mineral Society
Contact:
gemshow@sacramentomineralsociety.org
Website: sacgemshow.com

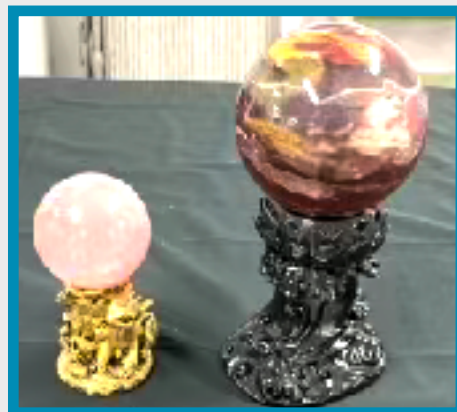
October 26-27, 2024 - Orange, CA
American Opal Society
Contact: info@opalsociety.org
Website: opalsociety.org

November- 2-3, 2024 - Concord, CA
Contra Costa Mineral and Gem Society
Contact: show@ccmgsclub.com
Website: <http://www.ccmgsclub.com/show>

November 2-3, 2024 - San Diego, CA
San Diego Mineral & Gem Society
Contact: benton.luannz@gmail.com
Website: <https://bit.ly/gemdiego2024>

November 2-3, 2024 - Ridgecrest, CA
Indian Wells Gem and Mineral Society
Contact: Miguel Gonzales (760) 382-2967 or
miglogonzal@hotmail.com

More information can be found on the CFMS website at cfmsinc.org



CFMS / AFMS News - October 2024

Notes by Wayne Mills

The following summaries are intended to give the reader a hint of what is contained in the current newsletters. If any of these topics are of interest, PLEASE take the trouble to look up the newsletter on the AFMS or CFMS website.

CFMS Website - cfmsinc.org

PRESIDENT - Marcia Goetz hopes that CFMS Representatives attend the Annual meeting in Visalia on November 8-10. One topic of discussion will be doing away with the CFMS Video Library that has been little used in the last few years. It is time for Societies to renew their Officer's Insurance. Reminders have recently been sent.!! (Page 1)

CFMS INSURANCE CONTACTS, CFMS NEWSLETTER SUBSCRIPTIONS, CFMS WEBSITE, NOTES FROM THE EDITOR - Reports for the Annual Meeting are due by October 25. Page 2

CFMS FALL BUSINESS MEETING (Pat La Rue) - The meeting will be held in the Visalia Wyndam on November 8-10, 2024. Special Rate (\$102 / night) if you make reservations by October 25.

JUNIORS ACTIVITIES (Jim Brace-Thompson) - Have your Juniors write articles for the Juniors Newsletter CRACK THE NEWS. Every Juniors submission gets a patch. Five submissions earns a quartz geode half. See details at: <http://www.juniors.amfed.org/juniors-newsletter>. (page 3)

NEWSLETTER DISTRIBUTION REMINDER (Pat La Rue) - Henceforward, the CFMS Bulletin will only be e-mailed except for (\$10 per year) paid subscriptions.

CFMS SHOWS OF THE FUTURE - CFMS needs hosts for the 2025, 2026, and 2027 CFMS Shows.

CFMS ENDOWMENT FUND - Article lists several ways to donate. (Page 3- 4)

ROCKHOUND OF THE YEAR (Chris Ward, Chair) - No nominees from the Central Coast this month. Candidates can be an individual, a couple, or a junior. Nominee/s from each club receive a lapel pin, and a certificate from both AFMS and CFMS. Submit a write-up of 250 words or less for your candidate/s to Chris at chris_ward678@yahoo.com. (Page 5)

NOMINATING COMMITTEE FOR CFMS BOARD - See article for nominees.

VISUAL PROGRAMS (Sharon Rogow) - Due to low use of CFMS Program resources, CFMS Will consider discontinuing the program. Suggestions are welcomed.

EARTH SCIENCE STUDIES (Jill Adkins, Co-Chair) - Camp Paradise was a success! Applications for 2025 will be accepted after March 15, 2025. (Page 6)

GOLDEN BEAR COMMITTEE (Jim Brace-Thompson, outgoing Chair) - The new CFMS President will appoint a new committee. Susan Chaisson-Walblom and Sharon Rogow will rotate into the committee leaving one spot for a volunteer. Let the Executive Committee know if you are interested in the spot. Decision will be made in Visalia in November.

A GOOD PHOTO IS WORTH 1000 WORDS! (Jim Brace-Thompson- Publicity Chair) - Every club should have a Publicity Chair. Having the person be a good photographer is a great asset. Jim wants input on who would be interested in a Zoom meeting entitled "Sharing Best Practices in Public Relations". E-mail Jim at: jbraceth@roadrunner.com to participate. (Page 7)

LOCAL AND REGIONAL SHOW DATES 10/2024-4/2025 - Remember to update CFMS with your local show dates. Other sources to advertise your show, including Rock & Gem. (Page 8-9)

ROCKHOUND HOSPITALITY (Jennifer Haley) - Ways to welcome visitors to your meetings

SAFETY IN NUMBERS (Ellery Borow, CFMS Safety Chair) - Making sure that you have the right footwear for the conditions you will find on field trips and other expeditions.

QUICK TIPS FOR EDITORS (Linda Jaeger, AFMS Editor) Using "white spaces" in your writing and displays for better communication. (page 10)

2024 CFMS OFFICERS AND CHAIRPEOPLE (Page 11)

AFMS Website - amfed.org

PRESIDENT-ELECT (J.C. Moore for President Roger Buford) - President Buford's wife passed away August 13. AFMS sends their condolences. The Mid-West Federation show was a great show, but there was only one competitive exhibit.

POEM - The Search (Scott Mayeux, Ark-La-Tex Gem and Mineral Society) (Page 1)

A GOOD PHOTO IS WORTH 1000 WORDS! (Jim Brace-Thompson) - See CFMS Notes -Page 7.

QUICK TIPS FOR EDITORS (Linda Jaeger) - See CFMS Notes "White Space" Page 10

AFMS OFFICERS 2024 (Page 2)

SAFETY IN NUMBERS (Ellery Borow, CFMS Safety Chair) - See CFMS Notes Page 10.

CLUBS NEED NEW PROGRAMS (DeLane Cox, AFS Programs) Enter the AFMS New Programs competition for both Adults and Juniors. Prizes are offered. Email DeLane (delanec3@Earthlink.net) or call 479-254-0895 for details. Deadline for entries is 1/15/2025.

AFMS ROCKHOUND OF THE YEAR (Judi Allison, ROY Chair) - Only one nominee in the USA—Bill Breidenstein from Calaveras Gem and Mineral Society (CFMS).

ROCKHOUND HOSPITALITY (Jennifer Haley, Historian) See CFMS Notes page 9.

AFMS SCHOLARSHIP REPORT (Sandie Fender, Scholarship Foundation President) - Sandie needs nominees from all Federations by January 15. Winner will be announced at the AFMS Convention in Hickory, North Carolina in March 2025. Sandie also needs a Treasurer for the Foundation.

FROM SEA TO SHINING SEA (ALMOST) (Cheryl Neary, AFMS Past President) Entertaining review of the history and mineral resources of North

Carolina, home to the 2025 AFMS Show in Hickory, Catawba County. (Part one of a series). (Page 5)

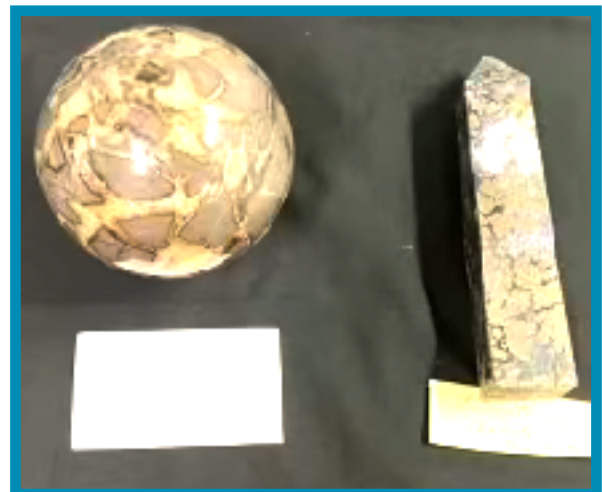
UPCOMING REGIONAL FEDERATION SHOWS, AFMS PURPOSE, SUBSCRIPTION INFORMATION

AFMS LAND USE POLICY, AFMS CODE OF ETHICS

HEY KIDS SEND AN ARTICLE TO CRACK THE

NEWS! - The AFMS Juniors newsletter will offer a patch of George the Geode to Juniors who submit an article or poem to: <http://www.juniors.amfed.org/juniors-newsletter>. (Page 7)

2023-2024 COMMITTEES & CHAIRS (Page 8)



Orcutt Mineral Society Officers		
President	Joe Goetz	(408) 707-8005
President Elect	Vacant	
Immediate Past President	Sally Griffith	(805) 631-9955
Secretary	Tara Machin	(805) 863-5992
Treasurer	Cary Holst	(805) 345-0883
Orcutt Mineral Society Board Members		
	Jan Ferguson	(805) 474-9977
	Joey Nichols	(805) 714-7108
	Renea Sutcliffe	(805) 929-2783
	Wayne Mills	(805) 481-3495
	Wes Lingerfelt	(805) 929-3788
CFMS Federation Director		
	Renea Sutcliffe	(805) 929-2783
OMS Membership		
Membership	Sally Griffith	(805) 631-9955
Membership is \$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 Online Contacts		
OMS Webmaster	Wes Lingerfelt	(805) 929-3788
Website	omsinc.org	
Email	info@omsinc.org	
Ore-Cutts Information		
Editor and Publisher	Tara Machin	(805) 863-5992
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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.

