



Birthdays

Stan Ferguson
May 6th

Sally Griffith
May 12th

Lisa Azevedo
May 19th

Anniversaries

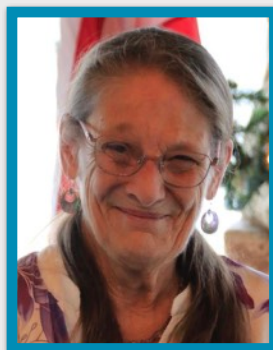
Wes and Jeannie Lingerfelt
May 20th

Who is Bringing Snacks?

Jeannie Lingerfelt and Jan Ferguson will be bringing pie to the May General Meeting

A special thank you to those folks who brought snacks to the previous meetings that were not on my list and were not properly thanked. Sally Griffith and Robyn Burgess brought cake in March. The Azevedos brought cookies in April. Thanks to everyone who just pitches in without signing up.

The Prez Box - May 2023



Happy Spring to you all. Things are moving right along this month as we prepare for the show in August. Renea Sutcliffe is going all out. So far, she has 20 signed contracts for outside spaces and 3 food vendors. Only 4 of the 15 inside dealers have returned their contracts but they aren't expected until mid May.

Additional contracts are coming in every day. She has attended all the various Club Shows within a 4 hour drive distributing fliers to the dealers, spreading the word, and even a contract or two upon request.

Joey, the new field trip organizer, is doing an exceptional job! She has scheduled a field trip every month this year! A couple had to be called due to rain interference but she checks the conditions right up to the last minute. This month, we are having a special SUNDAY field trip so that folks can attend Truman's memorial service on Saturday, May 20th. Joey has scheduled the May 21st trip to Clear Creek. The two most abundant collectibles there are Magnesite and Plasma Agate. The area is near the Benitoite Gem Mine area, but that will have to be another excursion. Wayne is planning to bring a specimen of Plasma Agate to the next general meeting. Hope you will be able to join us!

Tara Machin will be away from our General meetings for a few months starting in August. She teaches a class at Hancock College and of all days of the week to be scheduled, they chose Tuesday. It never fails! We will miss you Tara!

Continued on page 2

May

May 1 at 7:00 pm - Board Meeting in Wes Lingerfelt's garden.

May 9 at 7:00 pm - General Meeting at the Oasis Senior Center.

May 13 at 8:00 am - Highway Clean-Up at the southeast corner of Highway 101 and 166.

May 20 at 1:00 pm - Memorial for Truman Burgess. The service will be held in Templeton Park. Address is 550 Crocker St. in Templeton, CA 93465. Please bring your favorite potluck dish to honor Truman's love of food.

May 21 - SUNDAY - Field Trip to Clear Creek. Joey Nichols will provide all the details at the May 9th general meeting. Please RSVP to her if you can make it. Her number is in the back of this newsletter.

June

June 5 at 7:00 pm - Board Meeting in Wes Lingerfelt's garden.

June 10 - 10:00 am to 3:00 pm - Annual BBQ and Potluck at Pioneer Park. Club does meat, bread and beans. Members bring potluck dishes and a rock for the rock sale.

Prez Box Continued from page 1

The board is going to attempt to return to the revamp of bylaws and rules this month but mainly to readdress a couple issues that need clarification.

We have highway cleanup this month, weather permitting! After 6 months of inability to do our bimonthly cleaning, I am assuming the trash has built up quite a bit. Anyone who is not busy Saturday May 13th at 8:00 am. PLEASE consider joining us at the intersection of Highway 101 and route 166 East bound! We really could use all the help we can get this month! After the clean-up, we gather at the restaurant outside of Big America on North Broadway for a small breakfast or snack afterwards. Please come and enjoy each other's company.

Our program this month will be an introduction to the Scholarship recipient, Connor Perkins, from Cuesta College. Emily Kane, Professor and Head of the Physical Sciences of Earth and Ocean, will speak on the geology of the Earth and Oceans of the central coastal areas.

Our display this month will be anything you picked up at Santa Lucia Rock Show, or anything else you would like to show. If you have any Magnesite or Plasma Agate you can bring, that will help cue people into what we are looking for on our field trip on Sunday, May 21st.

Please remember our June 10th meeting will be held at Pioneer Park in Santa Maria from 10:00 am until 3:00 pm. It is our midyear annual BBQ which is a great event for the club. OMS supplies the Fantastically BBQ'd Top Sirloin meat, courtesy of the Master himself, Wes. Jeannie brings her yummy Santa Maria style beans and we also provide garlic bread. The rest of the meal is pot luck. Everyone brings either a salad, side dish or dessert of their choice as well as their place settings table cloths or whatever comfort they want. After the meal we also have a silent auction to help raise money for the club. So please bring some rocks or, if you don't have rocks to spare, we also bring plants, rock garden plants are preferable. And don't forget to bring some cash for the purchase of the auction items you win.

Hope you are all enjoying your spring! Hope to see you at one or more activities this month.

Sally G.

Orcutt Mineral Society Board Meeting - April 3, 2023

Called to Order: 7:05 pm by Sally Griffith

Members Present: Sally Griffith, Wayne Mills, Wes Lingerfelt, Renea Sutcliffe, Jan Ferguson, Betty Campbell, Joe Goetz, Jeannie Watkins, and Joey Nichols, Absent: Tara Machin

Correspondence: Salvation Army, Payment from Desert Rose Rock Gem N Jewels (Debbie Hardy)

Previous Minutes: No corrections

Treasurer's Report: No updates

Committee Reports:

1. **Bulletin-** Bulletins have been distributed. Thank you Wayne and Tara!
2. **CFMS/AFMS-** No updates
3. **Membership-** Dues will be refunded to the family of a member who passed away. Discussed endowment plaques for a current member and for a member who has passed away. Board approved \$100 for CFMS Endowment Fund in honor of Truman Burgess.
4. **Field Trip-** Reyes Creek field trip was a lot of fun! Rocks and minerals found will be displayed at general meeting on April 11. Field trip for April will be to the Santa Lucia Rock and Gem Show (April 15-16 at Colony Park in Atascadero). Meet at 9:30 AM for Old West Cinnamon Rolls! May's field trip will be to Clear Creek.
5. **Adopt-a-Highway-** Next cleanup will be May 13.
6. **Annual Awards Banquet-** Corkage fee at Quarterdeck will be \$10 per bottle. Dessert options will be available at the September general meeting
7. **Education-** Wayne Mills will be giving an educational presentation (Central Coast Rocks and Fossils) at the San Luis Obispo club on April 10.

8. **Library-** No updates

9. **Sunshine-** No updates

10. **Scholarship-** Cuesta college instructor, Emily Kane, PhD, will be doing May presentation. Dr. Kane is a professor of Earth and Ocean Sciences. Her presentation will be first on the agenda at our May 2023 general meeting. A \$1,500 scholarship will be awarded to Connor Perkins from Cal Poly. A suggestion was made to offer an additional scholarship if funding allows, following our 2023 show in Nipomo.

Show (2023): Fifteen vendors have completed contracts and five more will be received this week.

Old Business: Wayne got the money into Santa Maria Parks and Rec for our June 10th Picnic in Pioneer Park. We are waiting for the named insured form for the Lucia Mar School District to proceed with our show.

New Business: Invitation to members to do an exhibit at the Santa Lucia Rock and Gem show (Colony Park on April 15 & 16). Our annual OMS BBQ will be held on June 10, 2023 at Pioneer Park in Santa Maria.

Program: Next week's presentation will be done in two parts by David Machin and Wes Lingerfelt on the Petrified Forest and petrified wood, respectively. Joe Goetz will be doing a rock art presentation later this year (October 2023). We are looking for a member to coordinate next year's programs (2024). Please let a board member know if you are interested.

Adjourned: 7:46 pm

Respectfully submitted by Joey Nichols

Orcutt Mineral Society General Meeting - April 11, 2023

Called to Order: 7:04 pm by Wayne Mills

Invocation: Debbie Hood.

Pledge of Allegiance: Abigail Nichols

Members Present: 22 members and 8 guests

Correspondence: Please see board meeting notes from April 3rd

Previous Minutes: No corrections

Treasurer's Report: Profit and Loss Statements were available

Committee Reports:

1. **Bulletin-** No corrections
2. **CFMS/AFMS-** Reports in April bulletin; also see notes in CFMS/AFMS bulletin.
3. **Membership-** Redbooks (member directory) available tonight!
4. **Field Trip-** April 15, 2023. Meet at Colony Park in Atascadero. Starts at 10:00 am, arrive at 9:30 am for Old West Cinnamon Rolls. First Aid kit now available on Joey's car during field trips.
5. **Adopt-a-Highway-** May 13, 2023 is next clean-up. Please come since it will be 6 MONTHS since our last clean-up. We will meet at 8:00 am at the south-east corner of Highway 101 and 166.
6. **Annual Awards Banquet-** Will be at Quarterdeck this year on December 9, 2023. Corkage fee \$10 per bottle if you bring your own wine.
7. **Education-** Wayne doing presentation at San Luis Club on April 12, 2023.
8. **Library-** No updates
9. **Sunshine-** Truman's service will be on May 20 in Templeton Park. The service will start at 1:00 pm. Please bring a Potluck

dish. Group donating \$100 to the endowment fund for Truman; also, name on perineal plaque.

10. **Scholarship-** See board meeting info.

Show (2023): We have 17 outside dealers - 9 more available. No regular spots inside are available, but if necessary, 2 can be set up against the back wall. We have 3 food vendors signed up and 3 available as back-ups. Fliers and post cards are available tonight and will be at the next meeting as well. We need gift rocks and small tumbled rocks for treasure chest and kids booth at the show. Geodes are in the storage locker; we can have the kids break them if someone has a splitter. Wayne to ask Kim Knowes if he has a splitter. Wayne will be Rock Doc!

Old Business: None

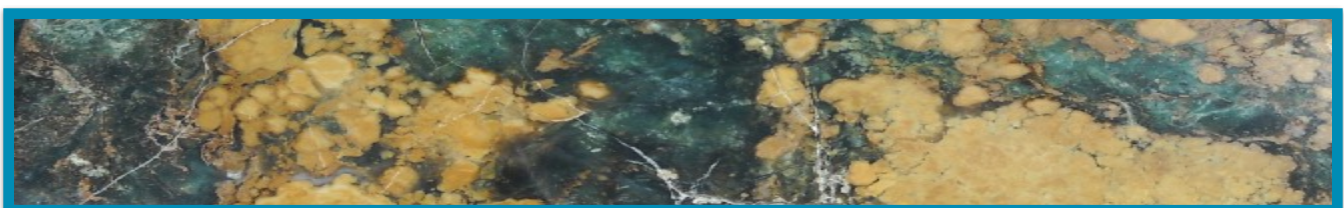
New Business: Email Wes if you have an update to the website or if you notice that the website need adjusting.

Program: Tonight's presentations are by Dave Machin and Wes Lingerfelt on the Petrified Forest and petrified wood, respectively. Tonight's displays were provided by Wayne Mills, Joe Goetz, Joey Nichols, and Sally Griffith. Next month's displays - bring unidentified rocks for group to identify!

View Master Videos: ViewMasterTravels.com

Adjourned: 7:37 PM

Respectfully Submitted by Joey Nichols



Terminology - Carbonates

According to "Getting Acquainted with Minerals" cir 1934, carbonates are, "Another great class of compounds." As the name suggests, we are talking about minerals which contain the element of carbon. The carbon atom needs 8 electrons in its outer ring to be stable. Since it has 4 electrons, the atom can either give electrons to be stable or take 4 electrons. This gives carbon the amazing ability to bond with both metals and nonmetals.

In the mineral world, the most common of these carbonates is calcite (calcium carbonate - CaCO_3). Calcite is made from carbon, oxygen, and calcium and is most frequent in the form of limestone. Many of the amazing stalactites and stalagmites we see in wet caves are made from calcite.

Carbonates are the reason we carry a little bottle of vinegar in our rock identification kits. Carbonates are easily identified because they fizz when acid is placed on them. The acid creates a reaction that releases carbon dioxide gas which bubbles out. With calcite, you can use cold acid to start the reactions. Some other carbonates, you need to heat a small piece of the mineral in an acid in order to release the carbon dioxide.

There are quite a few carbonates that will be well known to amateur rockhounds. Here is just a small list; malachite, azurite, rhodochrosite, and smithsonite. Malachite and azurite are copper carbonate compounds, rhodochrosite is a manganese carbonate compound, and smithsonite is a zinc carbonate compound. As a side note, smithsonite was named after James Smithson of Smithsonian fame.

Carbonates really are "another great class of compounds".



Malachite



Rhodochrosite



Calcite



Smithsonite

Santa Barbara Natural History Museum Reopens Mineral Exhibit on April 22, 2023

Great news from the Santa Barbara Natural History Museum, they have completely remodeled the hall of gems and minerals. The hall was completely cleaned out in preparation for a special exhibit, Rare Earth, in the summer of 2022. After the exhibit closed, they completely redesigned and updated the space. They have now completely reopened as of April 22nd.

The displays are organized around the chemistry of minerals they have on display. This will keep science at the center of the exhibit. There are over 100 minerals on display. Each was handpicked by Dr. Jonathan Hoffman, the curator of the exhibit. There is also the need to showcase donated mineral specimens. Charles D Woodhouse donated many specimens to the museum. In fact, the exhibit hall is named in his honor. Another large collection was donated by Ed Womack.

Some of the specimens on display is a giant geode donated from the Rare Earth exhibit, a meteorite, a display of fluorescent minerals, and a display of minerals from around California including tourmalines, garnets, and red hematite.

The museum is open Wednesday to Monday from 10:00 am – 5:00 pm. They are closed on Tuesdays. The museum is located at 2559 Puesta del Sol in Santa Barbara.



Photo from the Santa Barbara Natural History Museum Website at <https://www.sbnature.org/visit/exhibitions/89/Minerals>

Upcoming Rock and Mineral Shows

May 5-6, 2023 - Yucaipa, CA
 Yucaipa Valley Gem and Mineral Society
 Contact: grandpasgems@gmail.com
 Website: <https://www.ygms.org/>

May 6-7, 2023 - Lancaster, CA
 Antelope Valley Gem and Mineral Club
 Contact: marylandoriole@gmail.com
 Website: <http://avgem.weebly.com>

June 3-4, 2023 - Jackson, CA
 Amador County Gem & Mineral Society
 Contact: mountaingirl@volcano.net
 Website: <http://amadorgemandmineral.org>

June 10-11, 2023 - Escondido, CA
 Palomar Gem and Mineral Club
 Contact: tonifloyd41615@gmail.com
 Website: <http://palomargem.org>

June 17, 2023 - Bellflower, CA
 Delters Gem & Mineral Society
 Website: <https://deltersgemclub.wordpress.com/>

June 23-25, 2023 - Lodi, CA
 CFMS Show and Convention
 For information: rocksbob@sbcglobal.net
 Dealer information: slchaisson@yahoo.com

For more information, please see [the CFMS Website](#)

Mountain Marvel

By AFMS Poetry Winner, Wayne Mills

Mighty mountain worn to sand
 Reassembled and pushed up again
 Containing animals and plants
 Once numerous as ants.

Seashells from the mountain top
 Now a kitchen countertop
 And the age of these behold
 Not years, but millennia untold.

Each rock or tree or being
 An ordered universe divine.
 Of particles revolving, evolving
 and dissolving to the beat of time.

From The Ore-Cutts Bulletin of the Orcutt Mineral Society,
 May 2021

Brothers

by AFMS Poetry Winner, Steven Wade Veatch

The photo you left
 from gold rush days
 turned up today.
 It lasted over a century.

I would say go
 to Cripple Creek,
 again, grab
 some gold.
 Have some fun –
 ride a burro, and look down
 the winding trail,
 to a time that didn't
 last long enough.

2nd Place Winner - AFMS Adult Poetry Contest 2022

CFMS Bulletin Notes -

Notes by Wayne Mills SLR CFMS Rep

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

Notes from the May Newsletter

President's Box - (Kimberly Fiala) Wishes all a happy Flowers and Mother's Day. Still looking for volunteers to help with the CFMS No-host Show to be held June 23-25 at the Lodi Grape Festival Grounds. Beware of upcoming deadlines for donations, and insurance. There will be a Cracker Barrel at the Lodi Show.

Juniors - (Jim Brace-Thompson) How to plan and conduct a Junior's Program. Many thanks to folks who have donated resources and who have volunteered to help the Juniors booth at the Lodi Show. Kids who enter an exhibit in the CFMS Federation show are eligible to win the Show Chair's Award for Outstanding Junior Exhibit. You get a \$100 bill, a gem, and a certificate.

The bulletin contains a schedule for the Lodi Show. Forms are on the CFMS Website.

Earth Science Camp Paradise - August 21-26 and August 2-September 2 at Strawberry Valley, Yuba Co., CA. Details and application in March Bulletin. Part II of the Article on Camp Paradise continued from the April Bulletin.

Safety - (Ellery Borow) Snake bite kit and its proper use.

Rockhound of the Year - Submit entries to Chris Ward (chris_ward678@yahoo.com) anytime during the year. Winners get AFMS lapel pin, and certificates from both AFMS/CFMS.

CFMS Show and Convention - Seeking exhibits both competitive and non-competitive for this event. Forms are posted on the CFMS Website.

Seeking donations for the CFMS Endowment Fund - (Sharon Rogers) A great way to help remember members who have passed on with their names on a permanent plack..

Remember the CFMS Facebook page - LOTS of good info.

All American Clubs - (Dianne Cook) There were NO entries from CFMS for 2022. (The deadline was March 2023.)

CFMS is sad to announce the passing of former President Jack Williams. Jack passed away in March 2023.

Insurance - (Fred Ott) Nice article on obtaining and providing proof of liability insurance for club events.

Remember your club's unsung heroes with the American Rockhound of the Year Award.

The Bulletin contains upcoming local, regional and national shows, and 2023 officers, Chairmen and Committees. It also has forms for: CFMS Camp Paradise and the 2023 CFMS Convention and show.

AFMS Bulletin Notes -

AFMS Website- amfed.org

Notes from the May Newsletter - Please go to the AFMS website for the April newsletter.

President of AFMS - (Cheryl Neary) from Long Island, New York). Interesting observation about learning something new every day, and how interacting with new people can further this goal. What better way to do this than at a gem show, like the upcoming AFMS Federation show in Billings, Montana August 3-6, 2023.

Publicity - (Jim Brace Thompson) suggests that we practice publicity for our club and show all year long. He still requests submissions on how your club or Federation defines and enacts Public Relations. Please send ideas to Jim at: jbracethatroadrunner.com or call him at 805-659-3570.

Historian - (Jennifer Haley) has an article about bringing back more of the gem crafts from the "old days", and encourages folks that have these skills (like making gem trees) to submit a program on them to AFMS, and to teach them to younger members.

A challenge - is printed in the May Newsletter for readers to write a short article about a "rock/mineral/fossil/geologically interesting topic beginning with the first letter of the month. Submit it to Bulletin Editors Linda Jaeger and Cheryl Neary at LJGRALG@aol.com for publication in the next (J for June) bulletin. In this vein, Jim Brace Thompson has an article on M is for Mammoths and Julia Allande (TRMS) has an article on M is for Moolite. Never heard of Moolite? Me neither! Read the article in the May AFMS Newsletter!

Cheryl Neary has part two of **Billings Here we come!** Sights to see and things to do near the site of our 2023 AFMS Show. Show application is included in the bulletin.

Adult Poetry - There was a reprint of Wayne Mill's poem, Mountain Marvel, that was the 2021 Poetry Award winner in 2021.

2022-2023 Rockhound of the Year Recipients - (None from California)

More info on AFMS 2023 Show in Montana - Places to go and things to see!

Including an application for show entry, events and banquets

Safety - (Ellery Borow) Save your Back! Clarification of a previous month's article on how to properly lift a heavy object!

AFMS Website Contest - Deadline for submissions is May 15, 2023.

Standard Features of the Bulletin include - AFMS Land use Policies, AFMS Code of Ethics, AFMS Purpose, (34) AFMS Committees (2022-2023), and Upcoming Shows and conventions.

The 2023 AFMS Annual Show - will be combined with the NFMS (Northwest Federation of Mineralogical Societies) in Billings, Montana on August 3-6, 2023.



Orcutt Mineral Society Officers		
President	Sally Griffith	(805) 928-6848
President Elect / Treasurer	Jeanne L. Watkins	(805) 481-1811
Immediate Past President	Wayne Mills	(805) 481-3495
Secretary	Tara Machin Joey Nichols	(805) 863-5992 (805) 714-7108
Orcutt Mineral Society Board Members		
	Jan Ferguson	(805) 474-9977
	Betty Campbell	(805) 929-5344
	Renea Sutcliffe	(805) 929-2783
	Joe Goetz	(408) 707-8005
	Wes Lingerfelt	(805) 929-3788
CFMS Federation Director		
	Renea Sutcliffe	(805) 929-2783
OMS Membership		
Membership	Wayne Mills	(805) 481-3495
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.		
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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.

