



SHOWTIME!!

Our 55th Annual Rainbow of Gems Show is here! Please check the schedules below and make plans to show up on Wednesday and Thursday before the show, and the Monday after the show.

We need EVERYONE’s help to make this show a good one. If you haven’t already, please sign up to volunteer for our show-related activities.

Address - Nipomo High School at 525 N. Thompson Ave.

Show Schedule		
Wednesday - August 2	9:00 am - 12:00 pm	Lay out spaces in the parking lot—Bring tape, whisk brooms, and 100-foot tape reels.
Thursday - August 3	8:00 am - 12:00 pm	Clear the hall. Move in tables and cases. Skirt tables.
	12:00 pm - 5:00 pm	Set-up displays and check in dealers
	5:30 pm	Pizza dinner for all helpers, dealers, demonstrators and exhibitors
Friday - August 4	10:00 am - 5:00 pm	Show opens at 10 am, closes at 5 pm.
Saturday - August 5	10:00 am - 5:00 pm	Show opens at 10 am, closes at 5 pm.
Sunday - August 6	10:00 am - 4:00 pm	Show opens at 10 am, closes at 4 pm
	3:00 pm	Treasure Chest Prize Drawing
	4:00 pm - 6:00 pm	Inside dealers to be cleared and tables to go back to storage
Monday - August 7	9:00 am - 12:00 pm	Clean up high school parking lot

Birthdays

Robyn Burgess
August 1

Sylvia Nasholm
August 9

Debbie Hood
August 10

Bill Brown
August 18

Wes Lingerfelt
August 23

Tara Machin
August 31

Anniversaries

Gearly Sheffer
August 20

Who is Bringing Snacks?

Joe Goetz and Tara Machin are bringing cookies to the August meeting.



The Prez Box - August 2023



As our show looms ever closer, not much else is on our minds. We have all of our dealer spaces filled and will be adding 3 or 4 new spaces. We have 15 new dealers that have not sold at our show before and a few that have not been able to attend the last few years. Although a few of us are ready to have a breakdown, everything is proceeding well. Most of our new

members are really aiding in all areas. It is great having new blood and fresh ideas returning to the club!. They all are filling the void we had last year! I may even have the opportunity to get out of my little cubby to see the show this year! We have at least 1 helper in all 3 booths for each shift. I thank you all for your participation. It is very much appreciated! I am looking forward to the show very much this year.

We had highway clean up the middle of July. We had a great turn out this month! I believe we had 11 who volunteered to join us. Due to the closing of Francisco's Restaurant in Santa Maria, we chose to splurge at The Mayor's Place in Nipomo for our after clean-up party. Wes brought a nice Honey Onyx sphere for the drawing this month. Marty Lingerfelt was the winner. He was thrilled and said that he would definitely be keeping it! We thank Wes for generously supplying our prizes every other month.

Tara presented an excellent program on the geology and volcanic activity of Mount Vesuvius and the catastrophe that befell Pompeii in the aftermath. Our program in August will be Wayne's annual post show presentation on the geological formations of the Central Coast regions. It is a great presentation for those visiting our club following the show. In September Wes will do his annual recap of the show. It will include his critique of the show's strengths and weaknesses and a slide show of show pictures

I look forward to seeing everyone at our show. All the information is in this newsletter. We have a full 6 days of show ahead of us. Any time that you can volunteer will be greatly appreciated.

Respectfully submitted by Sally

August 2023

August 4, 5, and 6 - Annual Rainbow of Gems Show at the Nipomo High School

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

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

The August Show is our Field Trip for the month

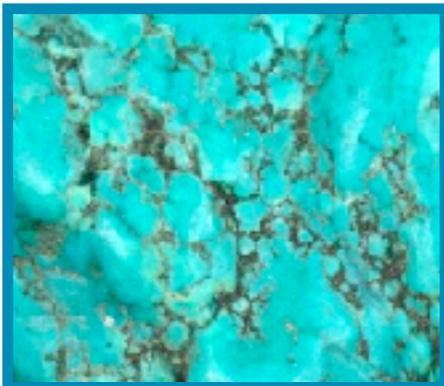
September 2023

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

September 9 at 8:00 am - Highway Clean Up at the southeast corner of Highway 101 and 166

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

September 16 - Tentative Field Trip - TBD



Terminology - Phosphates

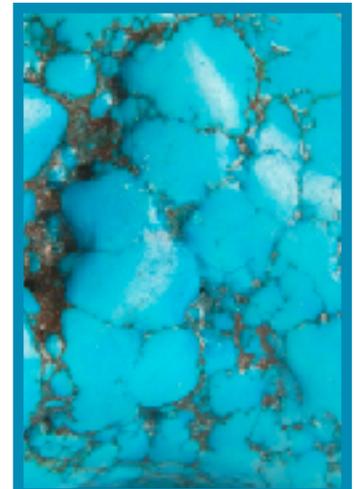
By Tara Machin

The classification of phosphates in the mineral world refers to compounds containing the element phosphorous. Phosphorous atoms are generally very active. They have 5 electrons in their outer ring but would really like 8 electrons to be stable. Therefore they fill their outer ring with electrons from other elements, mainly oxygen and metals. These bonds form quite an array of compounds. There are over 150 different phosphate minerals present in our rock and mineral world. I don't recognize most of them, but the one that I have heard of is turquoise.

Turquoise is a phosphate that is bonded to aluminum and copper. The copper gives the turquoise its blue color. Some turquoise is green in tint, but that is usually an indication of an iron impurity. The more blue your turquoise, the more pure it is.

The native peoples of North America have been mining turquoise since about 200 BC. It is usually found in a vein like copper. In fact, turquoise is often a byproduct of copper mining.

The Southwest United States is a rich source of turquoise. You can find turquoise in Arizona, Colorado, New Mexico, and Nevada. You can also find deposits right in our backyard. San Bernardino, Imperial, and Inyo counties in California have deposits. There is even one mine in California that is still producing today. It is the Apache Canyon Mine located between Barstow and Las Vegas.



Orcutt Mineral Society Board Meeting - July 3, 2023

Call to Order: 7:06 pm by President, Sally Griffith

Members present: Sally Griffith, Jeanne Watkins, Tara Machin, Wayne Mills, Joey Nichols (by phone), Renea Sutcliffe, Jan Ferguson, and Wes Lingerfelt. Absent - Betty Campbell, and Joe Goetz

Minutes: The general meeting notes were published in the newsletter. No corrections.

Treasurer's Report: No report until after our show. The proceeds of the silent auction covered the meat purchased for our annual BBQ.

Correspondences: Newsletter from the San Diego Minerals and Gems club

Committee Reports:

1. **Bulletin**- The July bulletin is out. No corrections, Tara is extremely busy in July so all information for the bulletin must be provided by July 12
2. **CFMS**- No newsletter for CFMS for July. No AFMS newsletter for July or August.
3. **Membership**- The board approved 3 new members to our group just in time for our annual show!
4. **Field Trips**- Joey is willing to have people come to her house on July 15th so that she can show everyone her rock tumblers. She is preparing rocks for a display and is willing to do a demonstration at her house. She will request a RSVP at the next general meeting. The August field trip is our show
5. **Adopt-A-Highway**- Our next highway clean-up is on July 8th at 8:00a. Remember that we meet at the southeast corner of Highway 101 and 166 East at 8:00 am on the second Saturday of every odd numbered months. The next clean-up will be September 9th
6. **Annual Awards Banquet**- No updates
7. **Education**- No updates
8. **Library**- No updates
9. **Sunshine**- Wayne is having cataract surgery. He is due to have improved eyesight before our annual show
10. **Scholarship**- No update until after the show
11. **Show:**
 - The board will have an informal meeting on July 31st to go over last minute preparations for the annual show. Attendance will not be mandatory. Sally, Joey and Tara have said that they will attend. We want to go over items to be sold and the pricing on those items, how to use the saw to cut open the agates at the kids booth, etc. Meeting to be held at Wes Lingerfelt's garden at 7:00 pm
 - We need the display cases to arrive on time and we need more planning to get them there. Renea said that she would be at the high school by 8:00 am to deliver the cases on August 3rd.
 - Wes will be coordinating the display cases. The people displaying cannot be selling their wares out of the display. We would like to have the display cases for club members first.
 - Tara will order the logo stickers for the hospitality. Board approved the money to order them. We will purchase 50 each of 2 designs.
 - Dave Machin will be taking pictures of the show with Margaret Henson.

Continued on page 5

Board Meeting Notes Continued from page 4

- Wayne paid for the advertising in the New Times and the Sun. The ads will run for 2 weeks before the show.
- Tara talked to Elizabeth Nybo and she posted our show onto the OMS Facebook page. Tara sent pictures to all OMS members by email so that they could post them on their social media pages.
- Renea will be out of town so the OMS freeway signs will go up on July 9th along with the direction sign.
- Display cases - we need to have 6 from Renea and other people will bring their own cases. Renea will need to send out contracts for displays so we know who is bringing their own and what sizes they are. We will need to send out the display forms with the contracts next year. We don't know how to measure out the space for set up without the contracts. Wayne will try to contact the people we know who usually bring displays and get some information.
- We need demonstrators at the show this year. We haven't scheduled anyone yet, but we might use the place for another dealer instead. However, we will try to get demonstrators before the show.
- Jeanne sent talking points to the radio stations for our show (14 different radio stations).
- Dealer count - 15 vendors inside and 54 vendors outside.
- Sharon Duncan was making up name tags for the vendors this week.
- Sally talked to the embroider and it will cost \$15 per item to embroider. That is not including the cost of the t-shirts. We would need to sell the t-shirts for \$35, but we want to keep the cost to \$25 or lower so we will not be selling t-shirts this year. We will be selling hats and visors. We also want to sell patches for \$5. Sally will order the patches and they will be 3 inches in diameter.
- We want to sell OMS lanyards for \$5. Sally will order them.
- Treasure chest tickets are ready for people to sell. Sally will be putting them into envelopes this week. Tickets will be available at the August general meeting.
- Renea advertised our show in the August addition of Rock and Gem Magazine.
- Sally will call the Nipomo Mexican restaurant so that it is reserved after the show.
- Thursday pizza party is organized. Jeanne will take care of the pizza and the drinks. Renea will bring the ice and the ice chests.

Old Business: None

New Business: None

Program: Mount Vesuvius and Pompeii - Geology and Catastrophe

Display: Obsidian or other volcanic rocks of your liking.

Adjourned: 8:18 pm

Orcutt Mineral Society General Meeting - July 11, 2023

Called to Order: 7:01 pm by Wayne Mills

Invocation: Debbie Hood

Pledge of Allegiance: Wayne Mills

Members: 23 members / 7 guests

Refreshments: Don Nashholm, Margaret Henson, and the Azevedos brought snacks.

Correspondence: No updates

Previous Minutes: Are printed in the newsletter. No corrections were noted

Treasurer's Report: No Update

Committee Reports:

1. **Bulletin-** Wayne let everyone know that all the past newsletters are available online at omsinc.org
2. **CFMS/AFMS-**No Updates
3. **Membership-** 3 new members were recognized, Joe Garcia, and Tom and Gala Gastineau.
4. **Field Trip-** Joey offered to have members come to her house for a rock tumbling demonstration as she prepares for the show. No members RSVP.
5. **Adopt-a-Highway-** OMS cleaned up the first 2 miles of 166 on July 8, 2023. There were 9 members present at the clean-up. Joey found the most unusual stuff. She found a toilet seat, an IV bag, a dead snake, and a truck transmission.
6. **Annual Awards Banquet-** No updates
7. **Education-** No Updates
8. **Library-** No Updates
9. **Sunshine-** Jan Ferguson fell down the steps on her way to the general meeting. Wayne will be having eye surgery on July 25th and again on August 1st.
10. **Scholarship-** No updates

Show:

- Display cases - Only two members needed one of the OMS display cases for the show. Everyone else will bring their own. Renea

will pull 5 or 6 cases for the treasure chest, a few earlier requests, and extra just in case.

- Margaret needs some help with the photography so Dave Machin will be helping out at the show.
- The treasure chest raffle tickets were available at the meeting. Please either buy or sell tickets for the treasure chest. They are 6 tickets for \$5 and there are \$20 worth of tickets per envelope to pre-pick up. A \$100 bill, and a \$50 bill are the first and second prizes in the raffle.
- Does anyone want to do demonstrations? We got a few people who are willing to demonstrate. Joe Goetz will show cabochon making.
- We need to contact Ralph Bishop? Wes said that he would try to contact him to ask him if he would like to display at the show. He has been very busy though and hard to get ahold of.
- We need saw operators for the Kid's Booth. Joe Goetz and Joe Azevedo said they would sign up and Tara asked for a demonstration of the saw use from Wes so that she could also use it.
- The show sign up sheet went around at the meeting and it has filled in nicely.
- The board has decided not to purchase t-shirts for sale this year. They are just too expensive for us to make a profit on. We will have patches embroidered for sale for \$5, Stickers for \$3, and maybe some pins and magnets.
- Wayne reminded the members to please make donations to the treasure chest.
- Renea donated 20 books to the show. They are super cute little books with rock descriptions - We can sell them in Hospitality and in the Kids Booth.

General Meeting Notes continued from page 6

- Current dealer count - 56 outside dealers with 15 new dealers. We will have a fossil dealer as well as someone will polished jade.

Old Business: See above

New Business: See above

Program: Mount Vesuvius and Pompeii - Geology and Catastrophe by Tara Machin

If you missed the presentation you can click this link - <https://youtu.be/6meUldK4ZK4>

Adjourned: Approximately 8:40 pm
Respectfully submitted by Tara Machin

Displays from the July General Meeting



Thank you to Joe Goetz, Joey Nichols, Margaret Henson, Don and Silva Nasholm, and Wes and Jeannie Lingerfelt.

Highway Clean-Up on July 8, 2023

By Wayne Mills, OMS AAH Chair

A total of 9 folks showed-up for our July Adopt-A-Highway Highway Clean-up. With such a good size group, the clean-up went pretty quickly. We were mostly done by about 9:15 after beginning at 8:00 a.m. We wound-up with about 6 bags of trash and two bags of recyclables. Some of our more unusual finds were: Wes Lingerfelt \$.75 in change, a snakeskin, trailer hitch pin and 3 washers. Lisa Siemsen found a \$5.00 bill, Wayne got 3 quarters, but Joey had the most unusual finds including a gopher snake, a toilet seat, an IV bag, and a transmission from a semi truck! Afterward, we met at The Mayor's Place in Nipomo for snacks, conversation, and the drawing for our incentive prize furnished by Wes Lingerfelt (a 2" sphere of golden calcite). The lucky winner was Marty Lingerfelt. Again!

Many thanks to Wes and Marty Lingerfelt, Geary Sheffer, Sally Griffith (The Prez), Steve and Lisa Siemsen (whom we have been trying to coax into becoming members for the past $\frac{3}{4}$ of a year!), Cary Holst, Joey Nichols and yours truly.



Upcoming Rock and Mineral Shows

August 4, 5 & 6, 2023 - Nipomo, CA
 Orcutt Mineral Society
 Contact: nipomocowgirl55@yahoo.com
 Website: <http://www.omsinc.org>

August 5-6, 2023 - Roseville, CA
 Roseville Rock Rollers Gem and Mineral Society
 Contact: gloriarosevillerockrollers@gmail.com
 Website: <https://www.rockrollers.com/index.html>

August 19-20, 2023 - Tehachapi, CA
 Tehachapi Valley Gem and Mineral Society
 Contact: (661) 972-1117,
travis462@outlook.com
 Website: <https://www.tvgms.rocks>

August 26-27, 2023 - Arcadia, CA
 Pasadena Lapidary Society
 Contact: (626) 260-7239
 Website: <https://pasadenalapidary.org>

September 16-17, 2023 - Monterey, CA
 Carmel Valley Gem & Mineral Society
 Contact: (831) 801-5887,
susieharlow@gmail.com
 Website: <http://cvgms.rocks>

September 16-17, 2023 - Reno, NV
 Reno Gem and Mineral Society
 Contact: (775) 229-4420,
sailondan55@aol.com
 Website: www.renogms.org

September 16-17, 2023 - San Luis Obispo, CA
 San Luis Obispo Gem and Mineral Club
 Contact: 2023show@slogem.org
 Website: <http://slogem.org>

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

CFMS / AFMS News - August 2022

Notes by Wayne Mills

Due to the early printing of the newsletter, the CFMS notes could not be included.

CFMS Website - cfmsinc.org

AFMS Website - amfed.org

No August AFMS Bulletin



Show Sign-Ups - Updated

Hospitality

Shift	10 - Noon	Noon - 2	2 - 5 (2-4 on Sunday)
Friday, August 4th	Sally Griffith	Don Nasholm	Debbie Hood
Saturday, August 5th	Sally Griffith Margaret Henson	Don Nasholm	Debbie Hood
Sunday, August 6th	Sally Griffith Margaret Henson	Don Nasholm	Sally Griffith Debbie Hood

Kids Booth

Shift	10 - Noon	Noon - 2	2 - 5 (2-4 on Sunday)
Friday, August 4th	Tara Machin Jeannie Beattie	Tara Machin	Kathy Holst
Saturday, August 5th	Tara Machin Jeannie Beattie	Lisa Azevedo Joe Azevedo	Tara Machin
Sunday, August 6th	Tara Machin Jeannie Beattie	Lisa Azevedo Joe Azevedo	Tara Machin

Treasure Chest

Shift	10 - Noon	Noon - 2	2 - 5 (2-4 on Sunday)
Friday, August 4th		Jeannie Beattie Sylvia Nasholm	Jeanne Watkins
Saturday, August 5th	Jeanne Watkins Jan Ferguson	Kathy Holst	Jeanne Watkins January
Sunday, August 6th	Jeanne Watkins Jan Ferguson	Sylvia Nasholm	Debbie Hood Jeanne Watkins

Chop Saw Operator - Kid's Booth

Shift	10 - Noon	Noon - 2	2 - 5 (2-4 on Sunday)
Friday, August 4th		Cary Holst	Cary Holst
Saturday, August 5th	Cary Holst	Joe Azevedo	Cary Holst
Sunday, August 6th	Joe Azevedo	Joe Goetz	Cary Holst

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.		
OMS Online Contacts		
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Email	info@omsinc.org	
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Orcutt Mineral Society, Inc.
P.O. Box 106
Santa Maria, CA 93456-0106

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.

