

Orcutt Mineral Society, Inc.

Ore-Cutts

Volume LIII, Issue 10



THE PRES BOX—OCTOBER 2019

Wayne Mills, OMS President



Fall is in the air, and perhaps some rain to wash the summer sediment off of the rocks in our yards and in fields where they lay waiting to be found.

Compared to September, October is a relatively quiet month for rocks, but soon the ghosts and goblins will be out searching for free candy. For OMS, our October 8th meeting will feature a program on **Rocks and Fossils of the Central Coast**, and our display will be locally collected rocks and fossils (or anything). **PLEASE** bring something to show, the more the merrier!

At our September meeting, the Board agreed to continue the Adopt-A-Highway Program for another year, and so on September 14, we did our Annual Coastal Clean-up Day. Eight folks showed-up to participate in the clean-up, and were greeted with a very dirty highway! We had 11 bags of trash and two bags of recyclables. Wes and Marty both found Sunglasses, and Wayne found an unopened item that will remain unmentioned here. Wes and Marty Lingerfelt, Stan and Brenna Ferguson, Sally Griffith, Geary Sheffer and yours truly got the job done. If you want to join the fun, our last clean-up of the year will be November 9 at 8 am. Oh, there is a prize furnished by Wes Lingerfelt for one of the attendees, but Wes has won it (luck of the draw) at least two of the 5 outings we have had so far this year.

Wes gave a good show wrap-up program at our September meeting. His conclusion was that we had another good show thanks to the help of all who pitched-in to help. He did suggest that we may soon need to find other folks to haul out tables and cases though.

At our September we started our elections process for next year. We **NEED** volunteers for the positions of: President-Elect, Secretary, Treasurer, and 5 Board Members. A few folks have come forward for some of the positions, but it **any** of the positions interest you, **PLEASE** let Bill Brown of myself know.

I attended and displayed at the **San Luis Obispo Club's "Gems by the Sea" show** at South County Regional Center on the weekend of September 7th and 8th. I thought they did a great job of putting the show on, and they seemed to have a lot of visitors on Saturday. Sunday, the attendance seemed to taper off noticeably, but still a fine show. The Santa Lucia Club put in 3 displays—Barbara and Gene Bilyeu each put in one, and the club case features Rocks and Fossils of the Central Coast! We will hear more about those at our September field trip and our October Meeting.

Saturday October 26 is our **Club Breakfast** at the **Country Kitchen** at its new location at 1488 E. Grand Ave in Arroyo Grande.

Be safe out there!

Wayne Mills

Wayne Mills
OMS President, 2019

GEOLOGY TOUR OF THE AVILA BEACH AREA - SEPTEMBER 21, 2019

Wayne Mills, OMS President

Pictures by Wayne Mills, Illustrations from Mountains of Fire

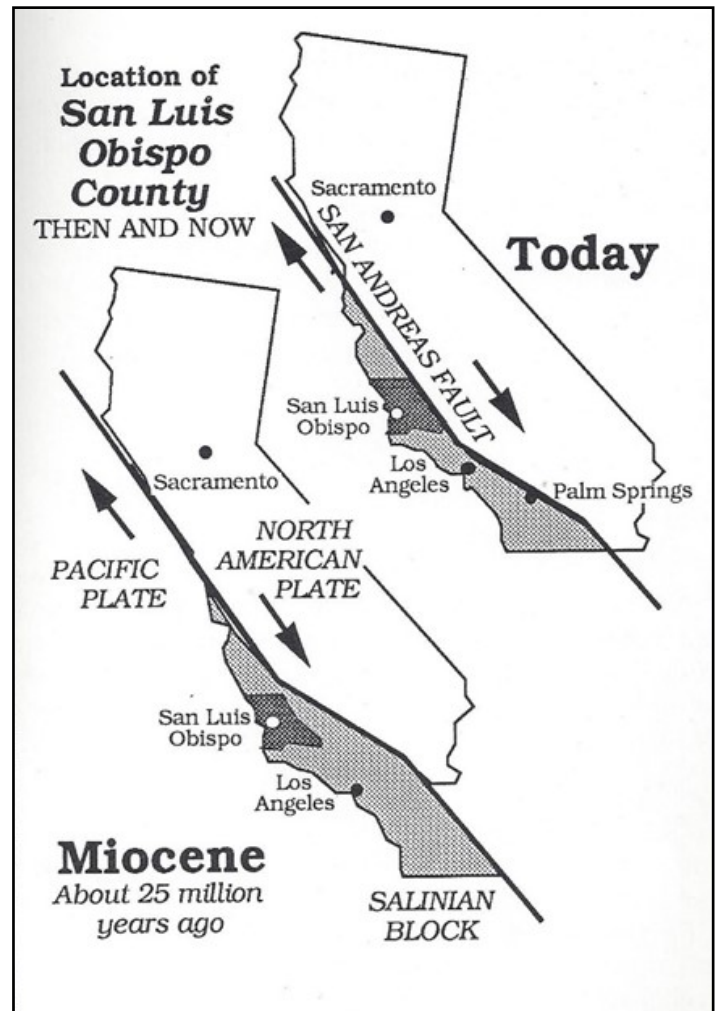
Four folks showed up for the field trip. Geary Sheffer and Dick Bazzell from OMS, and Lisa King and Jay ___ from the Santa Lucia club. WE waited at the parking area until about 9:10, and headed for Stop 2. While looking at the pillow basalts, a former teacher from Bonita Elementary school, Dirk Engens, asked to join us. So a total of 6 of us enjoyed the 2 1/2 hour tour under a lovely, clear, warm, blue sky. Dick found a neat boulder (~12" x 8" x 8") of Brecciated Jasper down the hill and in the creek bed at our jasper stop.

STOP 1—Meet at the **Bob Jones Trail Head** on Ontario Road near Sycamore Mineral Springs. Review geological and topographical maps of the area.

Discuss the subduction of the Pacific Plate and subsequent movement of the North American Plate. As we proceed into San Luis Bay, note the uplifted layers of Miocene marine Monterey Shale especially south of the road. .

STOP 2--- **Port San Luis.** Observe the Pillow Basalts that were originally formed in the ocean and "scraped off" onto the continent as the subduction of the Pacific Plate took place about 30 million years ago. This activity took place about where Palm Springs is located. About 298 miles of offset have taken place in the last (approximately) 25 million years.

STOP 3— **Looking south across Avila Beach at Fossil Point.** Around the first point you can see south of the Avila Pier, are more Miocene-aged (about 15 million years old) extrusive igneous rocks. These are rhyolites that have been fractured due to fault action, and have been re-cemented by chalcedony (cryptocrystalline quartz). These Brecciated Rhyolites are called "DeeDeeite" in honor of their discoverer—DeeDee Magri, an honorary member of OMS. These rocks that can fluoresce in up to 3 different colors are usually accessible only at 0 to minus tides.



STOP 1 - Subduction of the Pacific Plate and subsequent movement of the North American Plate.

STOP 4—**Gopher Glen Apple Farm.** We stopped here for fresh Apple Cider and a sampling of the currently available apples. My all-time favorite apple "Jonalicious" should be available today. See Canyon has a special micro-climate that is especially beneficial to growing apples. Most of See Canyon Road is in the Mid-Miocene aged Monterey Formation, one of the most extensive formations in California.

STOP 5—**Near the Perfumo Canyon Road/See Canyon Road juncture.** Though this area is still in Monterey Formation, brecciated jasper may be found mostly in drainage ditches from here to the other side to the other side of the crest of the hill.



STOP 2 - Pillow Basalts observed at Port San Luis

STOP 6—Highest point on Perfumo Canyon Road.

This is to me, one of the finest views in San Luis Obispo County. On a clear day, the Morros, perhaps the most impressive geological feature in SLO County can be plainly seen from Morro Rock to Cerro San Luis (and beyond). According to the book: *Mountains of Fire* by Sharon Lewis Dickerson, the Morros were formed near where Palm Springs is about 25 million years ago as the Pacific Plate was subducting beneath the North American Plate. The Morros are made of **Dacite** (Rhyo-Dacite Porphyry), an **intrusive** igneous rock that displays crystals of feldspar in a grayish, fine-grained back-mass.

References:

Mountains of Fire by Sharon Lewis Dickerson,
Assembling California by John McPhee,
 “USGS, Geologic Map of San Luis Obispo Quadrangle”

<http://academic.emporia.edu/aberjame/student/nester1/sandreas.htm>



STOP 6 - Lisa King showing off the view towards Morro Rock.

**ORCUTT MINERAL SOCIETY BOARD MEETING
NIPOMO CHAMBER OF COMMERCE
NIPOMO, CA
SEPTEMBER 3, 2019**

Members present: Wayne Mills, Bill Brown, Sylvia Nasholm, Dick Bazell, Jan Ferguson, Alexis van Natta, and Dyanna Cridelich.

Meeting called to order at 7:08 pm.

TREASURER'S REPORT: Jan for Jeanne. Report is available upon request (we are still solvent). Data on our show is still incomplete.

CORRESPONDENCE: Debbie

COMMITTEE REPORTS:

- **Bulletin-** Bulletin e-mail looks good.
- **Refreshments-** (Sally) Pies from Azevedos, Jan Ferguson, Jeannie Lingerfelt and Alexis Van Natta.
- **CFMS-**See report in OMS September Bulletin.
- **Membership**—(Debbie) Anything new?
- **Field Trip**—The field trip for September will be a trip to Avila Beach vicinity to view local geological features, sample apples and apple juice at Gopher Glen, and (hopefully collect DeeDeeite and brecciated jasper). Meet at Bob Jones Trailhead on Ontario Road (Near Avila Hot Springs) at 9:00 am Saturday September 21.
- **Adopt-a-Highway** – Next clean-up is September 14. After our September 10 General Meeting. Followed by snacks at Country Kitchen in Santa Maria.
- **Annual Awards Banquet** – (Dyanna) Madonna Inn on December 14, 2019.
- **Breakfast** – September 28th @ Country Kitchen in Santa Maria at 8:30 am.
- **Education** – (Wayne) We did a lot of education at our show!
- **Library** – (Alexis) Alexis is trying to get an editable version of the library list from Bill to add the new library list to.
- **Sunshine** – Jeanne is doing better, Lisa Azevedo was in a car accident and hurt her knee.
- **Scholarship** – (Wayne/Jeanne) 10% of show profit + \$300 to Scholarship Fund. Final number has not yet been calculated.
- **Show** – Our checks to Dan Guthrie and Beverly Brown cleared the bank. Received check from Randy Armstrong for postage on mailing his prize. Cost ~\$3.00 his check was for \$20.00. Wayne was reimbursed for his show and Highway expenses..

Old Business – Ideas on what to do with plaque from Nipomo C of C (put it in the locker!)

New Business – Program for Sept is Wes Lingerfelt on show wrap-up. Display is fossils or anything. (Bill Brown) Submit reservations for Oasis Senior Center for 2020? Select Election Committee (Bill and Wayne so far)? Board voted to continue Adopt-A-Highway. (It was due 8/23/2019) Wayne got information to order pins and bars for OMS.

The San Luis Obispo Club has their annual Show “Gems by the Sea” at South County Regional Center (sound familiar to anyone?) on September 7-8 from 10 am to 5 pm. Sept 21-22 is the Carmel Valley Gem Show at Monterey Fairgrounds. Interesting discussion of Square toilets led by Sylvia Nasholm.

Adjourned at 7:50 pm.

Respectfully submitted,

Wayne Mills for Deborah Hood, Secretary OMS

**ORCUTT MINERAL SOCIETY GENERAL MEETING
LUIS OASIS SENIOR CENTER
ORCUTT, CA
SEPTEMBER 10, 2019**

Meeting opened at 7:05pm.

Invocation was given by Mike Henson.

Flag Salute led by Geary Scheffer.

Bill Hood reported that we have 25 members and 4 guests: Lorna Kelly, Maria Alvarez, Stacey Maldonado & Tyler Verrill Jr.

Minutes of the Board of Directors meeting – Due to Secretary’s absence Wayne Mills gave a verbal synopsis of the meeting that was accepted as given.

Correspondence – Chase Business Bank ad, South County Chambers of Commerce Newsletters for July, August and September given to Sylvia Nasholm, two Salvation Army requests for donation, and a booklet from Phillips 66 on pipeline safety.

Treasurer’s Report – written report is on the front table for anyone interested. Anyone who needs a check, see Jan Ferguson.

Committees:

- **Bulletin** – is out. Article deadline is 20th of the month.
- **CFMS** – No report. See item in the newsletter.
- **Membership** – Bruce Autolitano admitted to membership by unanimous vote of members present.

- **Sunshine** – Jeanne Brown broke her hip at the show, had surgery, and is still in the hospital. Lisa Azevedo was in an auto accident and injured her knee. Truman Burgess was hospitalized with a heart problem but is much better.
- **Field trip** – to Avila Beach to view local geological features, sample apple juice at Gopher Glen, collect DeeDeeite and brecciated jasper. Meet at Bob Jones Trailhead on Ontario Road at 9:00 am Saturday September 21.
- **Refreshments** – were brought by Jan Ferguson, Jeannie Lingerfelt, Alexis Van Natta, & Dyanna Cridelich.
- **Adopt-A-Highway** – next cleanup is September 14.
- **Education** – We did a lot of educating at our show. Wayne Mills put a case in the SLO Club Show.
- **Scholarship** – No report.
- **Property** – No report.
- **Library** – Alexis will be posting the books donated to us last month.
- **Door Prize** – Renea reported donations by Betty Campbell, Brenna Ferguson, Elaine Von Achen and Robert Bishoff.
- **Breakfast** – Bill Hood reported the breakfast will be September 28, at Country Kitchen in Santa Maria at 8:30.
- **Show** – Thanks to all who helped!

Old Business – Chamber of Commerce Plaque to be put into the storage locker.

New Business: SLO Club had their show at the South County Regional Center on Sept 7-8.

Elections coming up, we need volunteers for Secretary and Treasurer.

Program: Wes Lingerfelt on Show wrap-up. Display is fossils.

Program for October is Wayne Mills on Rocks & Fossils of the Central Coast, display is local rocks.

Door prize drawing was held.

Meeting closed at 8:45 pm.

Respectfully submitted,

Debbie Hood, Secretary OMS

OCTOBER OMS MEMBERS BIRTHDAYS & ANNIVERSARIES

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

BIRTHDAYS

Betty Campbell	10/19
Don Nasholm	10/26
Margaret Hanson	10/27

ANNIVERSARIES

Jeannie Bettie	10/10
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UPCOMING CFMS SHOWS

October 12 - 13: TRONA, CA

Searles Lake Gem & Mineral Society
Website: iwvisp.com/tronagemclub

**SHOW & EVENT CANCELLED
DUE TO EARTHQUAKE DAMAGE**



October 19: WEST HILLS, CA

Woodland Hills Rock Chippers
First United Methodist Church
22700 Sherman Way
Hours: 10 - 5

Contact: Virginia Rotramel, whrc@rockchippers.org
Email: whrc@rockchippers.org
Website: rockchippers.org

November 2 - 3: ANAHEIM, CA

American Opal Society
Business Expo Center
1960 S. Anaheim Way
Hours: Sat 10 - 6; Sun 10 - 5
Contact: Veronica Purpura, (714) 501-9959
Email: info@opalsociety.org
Website: opalsociety.org/

November 23 - 24: OXNARD, CA

Oxnard Gem & Mineral Society
Oxnard Performing Arts Center
800 Hobson Way
Hours: Sat. 10 - 5; Sun. 10 - 4
Contact: Laura Driskell, (805) 394-8002
Email: show_info@oxnardgem.com
Website: oxnardgem.com

OMS CALENDAR

OCTOBER 2019

Tue, Oct 1 7 to 8 p.m.	OMS Board Meeting, Nipomo Chamber of Commerce 239 W Tefft St, Nipomo All members are welcome.
Tue, Oct 8 7 to 8 p.m.	General Meeting: Oasis Senior Center 420 Soares Av, Santa Maria, CA Program: Rocks and Fossils of the Central Coast by Wayne Mills Display: Local Collected Rocks, Anything Refreshments will be Cake brought by Dick Bazzell, Sylvia Nasholm, Virginia Rogers, Alexis Van Natta.
Sat, Oct 26 8:30 a.m.	OMS Monthly Breakfast Country Kitchen, Arroyo Grande 1488 E Grand Ave, Arroyo Grande, CA



NOVEMBER 2019

Tue, Nov 5 7 to 8 p.m.	OMS Board Meeting, Nipomo Chamber of Commerce 239 W Tefft St, Nipomo All members are welcome.
Sat, Nov 9 8 a.m.	Highway Clean-up Southeast Corner Hwy 101/166 East
Tue, Nov 12 7 to 8 p.m.	General Meeting: Oasis Senior Center 420 Soares Av, Santa Maria, CA Program: is Program 35 from World's Greatest Geological Wonders - "A Montage of Geologic Mini-Wonders". Display: Best 1'x1' Display. There may be a prize. Refreshments will be Cookies brought by Bill Brown, Truman Burgess, Don Nasholm, and Geary Sheffer.
Sat, Nov 23 8:30 a.m.	OMS Monthly Breakfast Country Kitchen, Arroyo Grande 1488 E Grand Ave, Arroyo Grande, CA

2019 OMS OFFICERS

President	Wayne Mills	(805) 481-3495
President-Elect	Bill Brown	(805) 481-1811
Secretary	Debbie Hood	(805) 481-6860
Treasurer	Jeanne Watkins Brown	(805) 481-1811
Imm. Past Pres.	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

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