

Orcutt Mineral Society, Inc.



Ore-Cutts



Volume LIII, Issue 6

THE PRES BOX—JUNE 2019

Wayne Mills, OMS President



What a great presentation on jaspers Barbara Bilyeu shared with us at our May meeting. I think we all learned about some varieties of Jasper that we had not heard about before, and gained new appreciation for these mostly opaque members of the quartz family.

Our highway clean-up was on May 11 and we got help from 6 hardy souls. That beats the 4 we had in March but is not as good as 8 or more...Maybe we will get more folks to come out for our July 13th Clean-up. Many thanks again to Wes and Marty Lingerfelt, Sally Griffith, Geary Sheffer, and former member Robert Bischoff who showed-up to help clean the highway. We had treats and coffee afterwards at Francisco's Country Kitchen in Santa Maria. And guess who won the prize? Yes, Wes took his own prize home again - a nice polished specimen of Brazilian Agate.

Thank you to Wes Lingerfelt for organizing and leading the field trip to Reyes Creek in Lockwood Valley. I think the 9 of us who went had a great time, at least I know I did. We had good weather, found some neat rocks, and enjoyed good music and great food at the Ozena Bar and Grill. Thanks to Sally for sharing her Cadillac margarita, and being my dance partner for "Mustang Sally" and a couple of other songs.

(Continued on page 2)

JUNE OMS MEMBERS

BIRTHDAYS & ANNIVERSARIES

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



BIRTHDAYS

Ralph Bishop	6/2
Geary Sheffer	6/9

ANNIVERSARIES

Bill & Debbie Hood	6/7
Betty Campbell	6/19
Stan & Jan Fergusson	6/27



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(The Pres Box Continued from page 1)

Please remember our Semi-Annual Meeting on June 8th in Pioneer Park. Show up at 11 am, and bring a side dish, place setting, table cloth, special drinks, and rocks for the silent auction. The club will provide meat, garlic bread, beans, coffee, and iced tea.

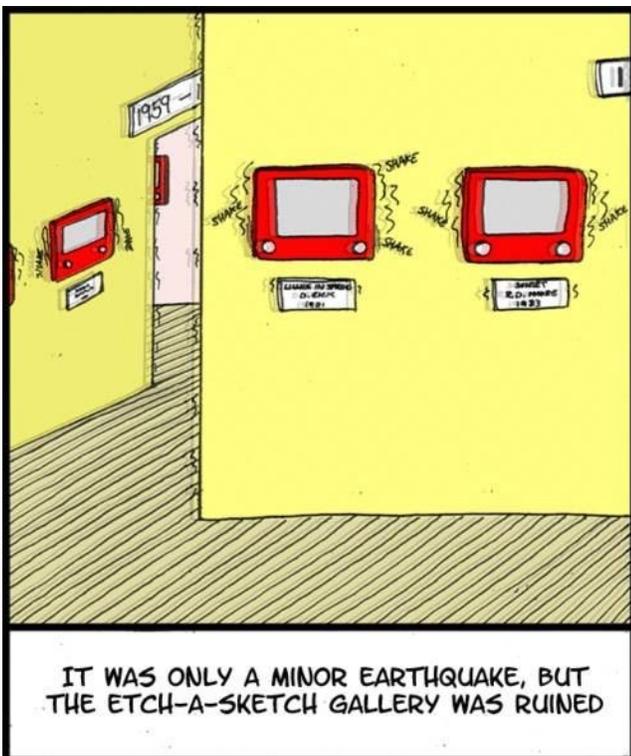
There will be a Gem Show at the Veterans Hall in Cambria on June 1-2 (10 a.m. to 5 p.m.). This is a fun show in a great town. If you have not been here, (or even if you have), check it out! The San Luis Club will have their annual show here in October.

Our Monthly Breakfast will be at 8:30 a.m. on June 22nd at Denny's in Santa Maria, 1019 E. Main Street. The 2019 breakfasts are listed in the 2019 Red Book. "The more the merrier" as the saying goes.

Our Gem Show is coming up in a couple of months! Please think of how you can help us out—not very many signups at our May meeting. Also, consider putting in a display. It is fun sharing your treasures with other folks. Elisabeth attached the display sign-up form to our e-mailed May Newsletter,

Be Safe Out There,

Wayne Mills



UPCOMING CFMS SHOWS

June 7, 8 & 9: LA HABRA, CA

North Orange County Gem & Mineral Society
La Habra Community Center
101 W. La Habra Blvd.
Hours: Fri 5 - 8; Sat 10 - 8 & Sun 10 - 4
Contact: Armando Perdoza, (909) 598-2456
Email: forestandsun@yahoo.com
Website: www.nocgms.com

June 8 - 9: GLENDORA, CA

Glendora Gems
Goddard Middle School
859 E. Sierra Madre Avenue
Hours: Sat 10 - 5; Sun 10 - 4
Contact: Bonnie Bidwell, (626) 963-4638
Email: ybidwell2@aol.com

June 29 - 30: CULVER CITY, CA

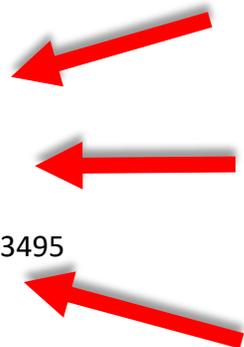
Culver City Rock & Mineral Club
Veterans Memorial Auditorium
4117 Overland Blvd
Hours: Sat 10 - 6; Sun 10 - 5
Contact: Janice Metz, (310) 850-4398
Email: culvercityrocks35@gmail.com
Website: <http://www.culvercityrocks.org/fiesta.htm>

June 29 - 30: ESCONDIDO, CA

Palomar Gem & Mineral Club
California Center for the Arts
340 N. Escondido Blvd.
Hours: 10 - 5 daily
Contact: Michele Shephard
Email: pgmcshow@palomargem.org
Website: palomargem.org

August 2, 3 & 4: NIPOMO, CA

Orcutt Mineral Society
Nipomo High School
525 Thompson Avenue
Hours: Fri-Sat 10 - 5, Sun 10 - 4
Contact: Wayne Mills, (805) 481-3495
Email: wmmills50@hotmail.com
Website: omsinc.org



Semi-Annual Meeting & BBQ

SEMI-ANNUAL MEETING

SATURDAY, JUNE 8TH

Pioneer Park @ 1150 W Foster Rd
Santa Maria, CA

11 am—3pm

Eat at Noon

Join OMS members as we celebrate the half-way mark in our year. OMS will furnish meat, beans, garlic bread, coffee, and iced tea. Members are asked to bring a side-dish, salad or dessert to feed about 10. In addition to the side dish, bring your own tablecloth, plates, utensils and anything else you want to drink.

Don't forget to bring rocks, slabs, minerals, books or anything else related for the silent auction that is one of the highlights of the event.

**We will have good food,
good conversation & good rocks,
so come join us!**

Saturday, June 8th 11am



BARBARA BILYEU ON JASPERS

Wayne Mills, OMR, SLR

In 2018, Barbara Bilyeu of the Santa Lucia Rockhounds won first Place in the CFMS Bulletin Contest for her Adult article on Five Fine Jaspers. Barbara's article discussed geometrically patterned Jaspers including: Bruneau Jasper, Blue Mountain Jasper and Morrisonite (Oregon), Willow Creek Jasper (Near Eagle, Idaho), and Imperial Jasper (Mexico). When I asked Barbara to convert her article to a video presentation, she readily agreed, and added several more interesting jaspers, and a few that are called Jasper, but that are not really. Jasper is an opaque, sedimentary rock form of chalcedony—cryptocrystalline quartz (formed from sediments or precipitate). Agate is very similar to jasper, only it has varying degrees of translucency. Check out <http://www.agatesandjaspers.com/jasper4.html> for pictures of orbbed and brecciated jaspers and jasp-agates.

Some other kinds of jaspers are: brecciated jasper: Stone Canyon (Near Parkfield in Monterey Co, CA), Cayucos Beach and San Simeon Creek (San Luis

Barbara Bilyeu and some of her collection, picture by Sylvia Nasholm



Obispo Co., CA), Figueroa Mtn. (Santa Barbara Co., CA), and more), nodular and other brecciated jasper: Chapinite (Fort Irwin, Northern San Bernardino Co., CA), Greybull (Greybull, Big Horn Co., Wyoming), Youngite (Platte Co., Wyoming), jasp-agate (Rainbow Ridge, Lavic Siding, etc.), and picture or scenic jasper (Succor Creek, Owyhee, and Rocky Butte (Malheur Co., Oregon), Deschutes (Deschutes River Canyon, Central Oregon), Biggs (Biggs, Sherman Co., Oregon , etc.). Check out <http://www.worldofjaspers.com/OwyheeEC.html> for more pictures of Malheur Co, Oregon Picture Jaspers.

In the category of NOT REALLY JASPER, is Bumblebee Jasper (from Java, Indonesia) that is

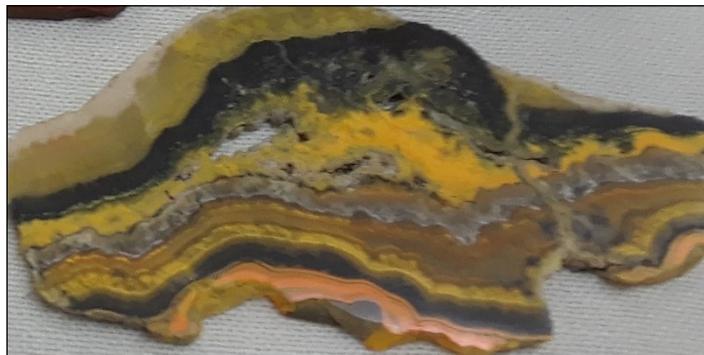


Willow Creek Jasper, picture by Sylvia Nasholm



Biggs Picture Jasper, picture by Sylvia Nasholm

Bumblebee "Jasper" from Barbara Bilyeu Collection, picture by Sylvia Nasholm



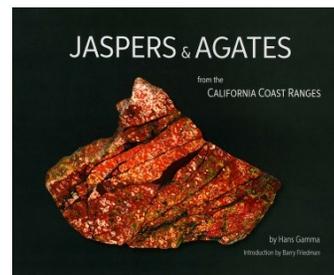
actually a form of calcite. The yellow and orange bands in this rock are realgar (arsenic sulfide!) Don't lick this rock!

Also in the category of NOT REALLY JASPER are rhyolitic types: Mushroom (several locations including San Simeon Beach), Butterfly (Mexico), Spiderweb (near Heppner, Morrow Co., Oregon), Birdseye (Utah, Mexico), Leopardskin (Mexico), Wonderstone (Utah)), and orbicular rhyolite types: Morgan Hill and Guadalupe (Santa Clara Co., CA), Ocean and Kambaby (Madagascar), Hornitos (Mariposa Co., CA), Stony Creek (Black Butte Reservoir, Tehama and Glenn Co., CA), and San Simeon Creek (San Luis Obispo Co., CA).



Ocean "Jasper" <https://tinyurl.com/yxhdfw5>

Barbara took a lot of her inspiration from Hans Gamma. His new book is called "Jaspers & Agates from the California Coast Ranges." The book



beautiful with many incredible pictures. There is a good section on Dave Warren's collection, and the book is dedicated to Dave. It is available on eBay and Amazon.

Below are additional items displayed by Barbara Bilyeu, pictures by Dick Bazzell



REYES CREEK - WHEEE!

Story and photos by Wayne Mills, OMS

Wes Lingerfelt put together another fun trip for the folks who made the effort to show up on a sunny Saturday morning with rain predicted for the afternoon. The day started out quite well for me as I found a 12 kt. 1/20 Gold Filled St. Christopher medal and a coke spoon (I think) in front of Wes's vehicle while we were waiting for everyone to arrive. Wes and Jeannie Lingerfelt took Sally Griffith and Geary Sheffer, Wayne took Jeannie and Bill Brown, and Robert Bischoff took Dick Bazzell. Member Sharon Willis and her husband Steve met us at our Creek stop. We arrived about 10:45 am, then hunted the Reyes Creek bed for a bit over an hour before heading up Scheideck Road to Reyes Creek Bar and Grill for lunch.

The juke box was rocking with some great songs while we were there. The man pushing the buttons (Fred) even gave me a few choices that eventually came up. They included Mustang Sally that I dedicated to Sally G., and we even danced to it (and a few more songs). Fun! Our server, Jay, took our orders while smoking, and eventually bought out food that was very good! At least a couple of us had the big, juicy cheeseburger and onion rings that were enough for two lunches for me.

One of the highlights for me is when 5 lovely young ladies walked into the bar with bikinis on! You don't see that every day! They were doing a "shoot" for one of the girls who designed the suits they were

wearing. Guess who asked for (and got) a picture with the girls! Made my ~~day~~, ~~month~~, year! Another highlight was when Sally shared her Cadillac Margarita with me. So tasty!

We left the café about 2, and got back to 101/166 East just after 3 pm, when the promised rain started to fall.



Indian Paint Brush near the creek.



Reyes Creek Bar and Grill

www.facebook.com/ReyesCreekBarandGrill



Those are dollar bills on the walls and ceiling of the Reyes Creek Bar and Grill'.



Ready to rock!



The one that got away, about a 200-pounder



Wayne's collected Ozena rocks.

BITS & BYTES

NEW DISCOVERIES IN THE DEEPEST CAVES ON EARTH CAN'T BE EXPLAINED BY SCIENTISTS by

Taylor Brown

<https://www.science101.com/the-majesty-of-caves-and-their-breathtaking-ecosystems/35/>

"Some of the world's most perplexing scientific discoveries have been found inside ancient caves. They draw us because they are mysterious, and we wonder how deep they go. They draw us back to our ancestry when shallow caves served as shelter, but deep caves also frighten us with their smothering darkness.

These caves contain ancient corpses, Neanderthal burial grounds, and even life-forms that are so old, they shock the archaeological community. Some of these caves contain mysteries the likes of which science has yet to explain. Here, we explore what the world of science has and has not yet understood in these cryptic depths. Prepare yourself for the most shocking discovery found in one of the world's deepest caves – you'll know when you see it..."

ANCIENT BEAVERS AS BIG AS BEARS DIED OUT BECAUSE OF THEIR WOODLESS DIET

Article: <https://tinyurl.com/y5rgekvo>

Podcast: <https://www.cbc.ca/player/play/1527352899694>



Tessa Plint with life size giant beaver statue at Yukon Beringia Interpretive Centre (Tessa Plint)

WEIRD SCIENCE [SIC] DOME EXFOLIATION

<https://www.youtube.com/watch?v=wJUHq6nX1iE>

"Dam Exfoliation! Granite dome exfoliates, damaging the dam at Twain Harte Lake. Condor witnessed nature's awesome display of power and met the challenge of designing a repair. "



THE MOJAVE PROJECT: ROCKHOONDING 101 by Kim Stringfellow

Article: <https://www.kcet.org/shows/artbound/the-mojave-project-rockhounding-101>



Carton from March 1967 Desert Magazine article.

OMS CALENDAR

JUNE 2019	
Tue, Jun 2 7 to 8 p.m.	OMS Board Meeting, Nipomo Chamber of Commerce 239 W Tefft St, Nipomo All members are welcome at this meeting
Sat, Jun 8 11 - 3 p.m.	Semi-Annual Meeting Pioneer Park 1150 West Foster Rd, Santa Maria, CA Bring rocks for silent auction, side dish and/or dessert to share, and your own drinks and tableware Club provides meat, bread, coffee, and sun tea
Sat, Jun 22 8:30 a.m.	OMS Monthly Breakfast Denny's Santa Maria 1019 E Main St, Santa Maria
JULY 2019	
Tue, Jul 1 7 to 8 p.m.	OMS Board Meeting, Nipomo Chamber of Commerce 239 W Tefft St, Nipomo All members are welcome at this meeting
Tue, Jul 8 7 to 9 p.m.	General Meeting: Oasis Senior Center 420 Soares Av, Santa Maria, CA Program: Caves by Bill Brown Display: Forms of Calcite or ANYTHING rock or mineral Refreshments will be Cakes brought by the Azevedos, Browns, Hensons, and Nasholms.
Sat, Jul 13 8 a.m.	Highway Clean-up Southeast Corner Hwy 101/166 East
Sat, Jul 27 8:30 a.m.	OMS Monthly Breakfast Little Bits 151 N 7th, Grover Beach

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

OMS web site at www.omsinc.org or e-mail info@omsinc.org

Ore-Cutts Editor/Publisher: Elisabeth Nybo

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**ORCUTT MINERAL SOCIETY BOARD MEETING
LUIS OASIS SENIOR CENTER
ORCUTT, CA
MAY 7, 2019**

Members present Wayne Mills, Debbie Hood, Jeanne Brown, and Sylvia Nasholm, Renea Suttcliffe.

Minutes accepted as published in the Newsletter.

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

Correspondence:

- Two bills from Lee Central Coast Newspapers- Sylvia will talk to them again.
- Two letters from QuickBooks for Bill Brown.
- California Dept. of Tax and Fee Administration- Wayne will deal with it.
- Newsletter returned for incomplete address-Debbie will give to Elisabeth.
- Santa Lucia newsletters for March and April.
- Santa Barbara City College Foundation for Wayne.
- Four Salvation Army solicitations for donations.
- Miner's Weekend Gold Show notice.
- Two Santa Barbara Gem Faire notices.
- South County Chamber of Commerce Newsletters for March and April-given to Sylvia,
- AFMS Newsletter for April-May
- Ad for Chase Business Services

Committee Reports:

Bulletin: Is out and great!

Refreshments: Pies brought by Lisa Azevedo, Jan Ferguson, Jeannie Lingerfelt and Virginia Rogers.

CFMS: No report.

Membership: We have a former member who wants to rejoin. Do we make him meet requirements again? Will ask Wes Lingerfelt.

Field Trip: May 18 to Ozena off of Highway 33 to look for pink-flecked meta-granite. Meet at the usual meeting location for highway trash pick-up SE corner Hwy101/166.

Adopt-a-Highway: May 11th and we need more than the 4 folks who showed up in March!

Annual Awards Banquet: at *Madonna Inn* on December 14, 2019.

Breakfast: May 25 at Francisco's Country Kitchen in Santa Maria at 8:30 am.

Education: Wayne gave a talk at C L Smith to 52 second graders.

Library: No report.

Sunshine: Mike Henson has a collapsed lung.

Scholarship: Check for scholarship will be sent this May. Wayne requested student help for our show and a program for November. Wayne gave Jeanne Brown information on the scholarship for her opinion on its feasibility.

Show: Wayne submitted named insurance form to McDaniels on April 23rd and check for \$494.70 for show. Twenty-nine outside dealers have paid; eight inside dealers have paid. There are five dealers on the wait list. Andy Delong died; we don't know if his wife will come. Fred of Naturals from the Earth died, but Joe will be coming.

Old Business: Wayne submitted named insured form to City of Santa Maria for June 8th picnic

Jeanne Brown donated 2 boxes of crystal specimens from Hallelujah Junction for the Treasure Chest and the door prize activities. Wayne also gave Renea more items for the door prizes.

All the Redbooks mailed out.

New Business:

Jeanne Brown is looking to get us on a map for visitors

Picnic is June 8th; we need folks to do beans, bread, bring wood and do the BBQing. Sylvia will do coffee and iced tea. Bring Rocks for silent auction and a side dish to share.

Program for May is Barbara Bilyeu on Jaspers.

Adjourned 8:00 pm

Respectfully submitted,

Deborah Hood, Secretary OMS

**ORCUTT MINERAL SOCIETY GENERAL MEETING
LUIS OASIS SENIOR CENTER
ORCUTT, CA
MAY 14, 2019**

Meeting opened at 7:05 pm.

Invocation given by Debbie Hood.

Flag Salute led by Geary Scheffer.

Greeting given by Wayne Mills. Bill Hood reported that there were 22 members and 6 guests: Mary Rafferty, Jim Walsh, Debbie Mann, Barbara & Gene Bilyeu, and Lindzey Warrell.

Wes Lingerfelt moved that we change the order of business so that our speaker can get home at a reasonable time. Seconded by Don Nasholm and passed unanimously.

Program on Five Jaspers was given by Barbara Bilyeu.

Refreshments was pies.

Minutes of the Board Meeting were read by Debbie Hood and accepted as corrected.

Correspondence:

- Two bills from Lee Central Coast Newspapers- Sylvia will talk to them again.
- Two letters from QuickBooks for Bill Brown.
- California Dept. of Tax and Fee Administration- Wayne will deal with it.
- Newsletter returned for incomplete address-Debbie will give to Elisabeth.
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- Two Santa Barbara Gem Faire notices.
- South County Chamber of Commerce Newsletters for March and April-given to Sylvia,
- AFMS Newsletter for April-May
- Ad for Chase Business Services

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

Committee Reports:

- **Annual Meeting:** December 14, 2019 at Madonna Inn.
- **Bulletin:** out by mail and e-mail.
- **CFMS:** No report.
- **Membership:** Fred Campbell can be welcomed back with no intermediate steps per our Parliamentarian, Wes Lingerfelt.
- **Sunshine:** Dyanna Cridelich is still ill; Alexis Van Atta is recovering from her auto accident; and Mike Henson suffered a collapsed lung.
- **Fieldtrip:** Ozena on May 18, meet at 8:45 am at 101 & 166. Wes Lingerfelt gave a rundown of rocks to be found there and the need for an Adventure Pass. The SLO Rock Show will be June 1-2, 2019 from 10 am to 5 pm at the Cambria Vet's Hall.
- **Refreshments:** Sally Griffith reported that tonight's pies were brought by the Azevedos, Jan Ferguson, Jeannie Lingerfelt, and Wayne Mills for Virginia Rogers.
- **Adopt-a-Highway:** Wayne Mills reported that 6 people showed up and Wes Lingerfelt won the drawing. The next cleanup will be July 13.
- **Education:** Wayne Mills reported he gave a talk to 52 2nd graders and it was an experience!
- **Scholarships:** Wayne Mills reported that \$1500.00 went to Santa Barbara City College with information on our show and a request for a speaker.
- **Property:** No report.

- **Library:** Alexis requested items for the Library displays. She also is still working on putting tapes on CDs for our library.
- **Door Prizes:** Renea Sutcliffe announced donations.
- **Breakfast:** Bill Hood announced this month's breakfast will be May 25 at Francisco's Country Kitchen in Santa Maria at 8:30 am.
- **Show:** Wayne Mills reviewed the number of paid dealers so far.

Old Business: We have the Insured Certificate for Pioneer Park BBQ. Wayne Mills passed around sign-up sheets for our Show.

Door Prize drawing.

Debbie Hood gave Mailbox key to Sylvia Nasholm.

Mary Rafferty announced the San Luis Obispo Club show will be at the SLO. County. Regional Center September 7 – 8, 2019.

Meeting closed 9:00pm.

Respectfully Submitted,
Deborah Hood, Secretary, OMS

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

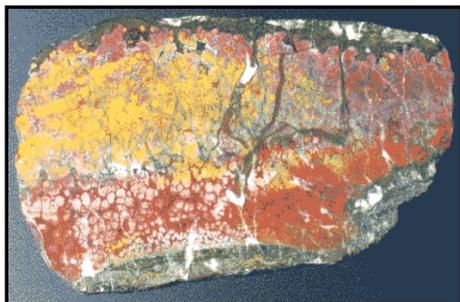


The Orcutt Mineral Society (OMS) was founded in 1958, was also named after William Orcutt. He was a geologist and civil engineer who, in 1888, worked in the Santa Maria Valley as a District Manager for Union Oil Company. In 1889, William Orcutt discovered the mineral and fossil wealth of the La Brea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

ORCUTT MINERAL SOCIETY - 52nd ANNUAL RAINBOW OF GEMS SHOW



"Flower" Jasper—Figueroa Mt.

**Friday - Sunday
August 2 - 4, 2019**

**Nipomo High School
525 N. Thompson Ave
Nipomo, CA**



Marcasite Agate —Nipomo



"Happy Star" — New Cuyama
Vaquerosella coryei ~15 mya



"Jaws" — Gaviota Coast
Isurus sp. ~15 mya



Aragonite Sagenite Agate—SLO-1

Friday - Sunday August 2 - 4, 2019

(10-5 Fri & Sat, 10-4 Sun)

Nipomo High School

525 N. Thompson Ave, Nipomo, CA

**50+ Inside and Outside dealers, displays
and lapidary arts demonstrations, Plus Kid's activities,
Treasure Chest, Gold Prospectors and great food!**

**Barbecue Saturday at 5:30 pm
Treasure Chest Drawing Sunday at 3 pm**

ADMISSION AND PARKING ARE FREE

(District Policy forbids pets, alcohol, and tobacco)

"Come for the weather, stay for the rocks!"

Information at www.omsinc.org

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



<https://www.facebook.com/OrcuttMinerals/>