

Orcutt Mineral Society, Inc.



Ore-Cutts

Volume LIII, Issue 4

THE PRES BOX—APRIL 2019

Wayne Mills, OMS President



Happy April, No Foolin'. One quarter of the way through the year. I hope tax time is painless for you all. And at least, it will soon be past.

At our March meeting we had 21 members and 1 guest. We only had 5 displays for Show

and Tell program which was announced in our bulletin (and at last month's meeting). After our meeting, I was saddened to hear that Alexis had been at the hospital with Dyanna who is waiting for the go ahead for a needed surgery. Our best thoughts are with both ladies.

Renea gave a report on the Pasadena Lapidary/CFMS Show in Pomona, and our Editor Elisabeth brought good news from the Editors Luncheon that she attended there. The good news is that we won several awards in the CFMS Bulletin Contest. Congratulations are due Elisabeth who won Best New Editor in CFMS, Second Place for Written Feature (The Value of Volunteering), and Second Place Original Adult Article for "Mission to Mars..." Congratulations also to Ralph Bishop-- Second Place Adult Advanced Article "Whispering Pines", Sylvia Nasholm Third Place Written Feature-- "The Prez Box—March 2018", and yours' truly who got First Place for Written Feature – "Reading a Lot into Geology".

(Continued on page 8)

APRIL OMS MEMBERS

BIRTHDAYS & ANNIVERSARIES

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

BIRTHDAYS

Katherine Nybo	4/19
Robert Bullock	4/21

ANNIVERSARIES

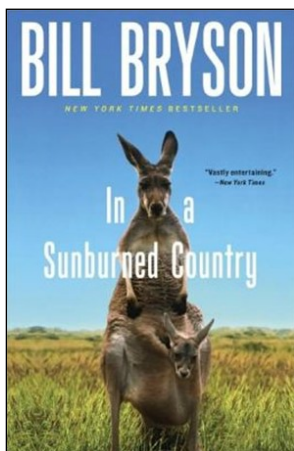
Karen Dry	4/3
John & Elaine Van Achen	4/24

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IN A SUNBURNED COUNTY BOOK REVIEW

Wayne W Mills, OMS



I just finished another Bill Bryson book, this one is about Australia. It is a big, isolated and amazing country (the largest island and the sixth largest continent in the world) that has been “on its own” for about 96,000,000 years, and due to its’ isolation has developed an unusual,

unique, varied and impressive fauna and flora. New discoveries in both areas are still being made. One example is the platypus.

“When word reached England in 1799 that there existed in Australia a toothless, venomous, fur-covered, egg-laying, semi-aquatic animal with a duck-like bill, the tail of a beaver, feet that were both webbed and clawed, and a strange orifice called a *cloaca* which served both reproductive and excretory purposes...it was received, not surprisingly, as a hoax.”

“For most of the next century, scientists argued --- and argued heatedly, for it was an age obsessively devoted to exactitude—over how to classify the animal after putting it and its cousin the echidna (a creature similar to the hedgehog) in a family of their own: the monotremes. (The name means “one-hole” in reference to the distinguishing colaca).” The animals laid eggs, a reptilian (and avian) trait, but suckled heir young, a mammalian trait. The monotremes eventually wound up in the mammalian camp, but for a while it was a close race.



Uluru from a Helicopter, <https://www.flickr.com/photos/97708873@N00/2562614982/>

Not that platypuses have much to do with rocks, but they represent part of the diversity of the land. Australia has some memorable rocks too. One of these is Ayers Rock (near Alice Springs in the Northern Territories--well, 468 kilometers [290 miles] near), now called Uluru since it has been placed back in control of the Native Aborigines to whom it is sacred. Uluru, a huge sandstone monolith is one of the largest in the world—1,150 feet high, a mile and a half long, and five and a half miles around. It rises abruptly from a flat desert.

Another of the unusual rock formations mentioned by Bryson is the Devils Marbles just off the road from Darwin to Alice Springs in the Northern Territory that are many miles from anywhere. (Though as Bryson points out, most places in Australia are [many] miles from anywhere.) Imagine a desert about 3/4 the size of the Continental

United States with eight major cities on its periphery and in the middle six major deserts, scattered towns, and sheep stations. Bryson describes the Devil Marbles as “...enormous piles of smooth granite boulders, many as big as houses, stacked in jumbled piles or scattered over an immense area (eighteen hundred hectares (4448 acres), according to a signboard). Every one brought to mind something else: a jelly bean, a bread roll, a bowling ball—except that they were immense and often perched on impossibly fine points. Imagine a boulder maybe thirty feet high nearly and spherical standing on a base little larger than, say, a manhole cover.” You can read more about the Devils Marbles at <https://www.outback-australia-travel-secrets.com/devils-marbles.html> and about Uluru at <https://parksaustralia.gov.au/uluru/>.



Devils Marbles, <https://sites.google.com/site/detamostranah/australia/you-should-visit-in-australia>

PREPPING FOR THE PROGRAM SCOTLAND GEOLOGY VIDEOS ONLINE

Elisabeth Nybo, Editor

At the recent CFMS Editor's Luncheon, I asked other editor's for ideas on how to come up with relevant content for a monthly bulletin. One suggestion was to do research and provide background information for the next meetings program. Following that suggestion, I Googled, "Scotland Video Rocks Minerals. WOW!! I was amazed at the free viewing possibilities. Hope you have a comfy chair, good snacks and some time to spend enjoying learning about Scotland and it's geological history.

BBC Men of Rock Episode 1, Deep Time. Iain Stewart tells the story of James Hutton, the founding father of geology. <https://www.youtube.com/watch?v=FYful2uZLmg>



Professor Iain Stewart, BBC Men of Rock Episode 1, Deep Time

Episode 2, Moving Mountains. Iain Stewart tells the story of Edward Bailey's discovery of Scotland's super volcanoes. <https://www.youtube.com/watch?v=w1WH3cGQlJE>

Episode 3, The Big Freeze. Iain Stewart tells the story of Louis Agassiz, the first man to propose the Earth had an Ice Age. <http://tinyurl.com/yyrt4lp6>

Scotland Rocks - A Tartan Tour of Planet Earth with Prof Iain Stewart, <https://www.youtube.com/watch?v=uyS-SNfBxIM> A talk given by Iain Stewart on the contributions of Scottish scientists to the understanding of the Earth's geology.

The True Story of Scotland: Documentary on the

Prehistory of Scotland (Full Documentary), https://www.youtube.com/watch?v=PGr-3CzO_Yg

Siccar Point - the birthplace of modern geology, <http://tinyurl.com/y48dh43x> "Siccar Point on the southeast coast of Scotland is world-renowned in geological science, famous for outcrops that reveal 'Hutton's Unconformity', and is a location rightly regarded by many as the birthplace of modern geology." Interesting article on Siccar Point and Scotland Geology overview <https://www.scottishgeology.com/best-places/siccar-point/>



Close up of Hutton's unconformity at Siccar Point. Image: Angus Miller.

Smokey Quartz Documentary-Shona Angus, <http://tinyurl.com/yxwjasea>, "RocksTV presenter Shona Angus, explores the history of Scotland's national gemstone Smokey Quartz."



Cairngorm Smokey Quartz from Two Skies Design Pinterest board, Cairngorm. <https://www.pinterest.com/pin/3940718404438056/>

Fossil Hunters: Excavations, <http://tinyurl.com/y6o6nq3p> and **Fossil Hunters: Investigating the ancient environment**, <http://tinyurl.com/y5tosos7> National Museum of Scotland, “Our new exhibition, Fossil Hunters: Unearthing the Mystery of Life on Land, explores how ground-breaking discoveries made in Scotland have helped scientists understand how life on earth moved from water onto land 360-345 million years ago. In this film, scientists involved in the project explain how they excavated these fossils and what they mean for our understanding of life on earth.”

Scotland from Above in High Definition - Isle of Skye to Ben Nevis, <https://www.youtube.com/watch?v=enSXkLj9iuo> “This week's full length show takes us on a route through Scotland from Isle of Skye - Eilean Donan Castle - Rum - Egg - Mull - Iona - & Fort William - also taking in spectacular highland lochs and glens. Hope you enjoy it! “

Glaciation: The Geology of Northern Scotland, <https://www.youtube.com/watch?v=ys3Jntc7pRM>

Family Travel with Colleen Kelly-Scotland, <https://www.youtube.com/watch?v=HvV6tep0ceE> “Pack up your bag pipes and join Colleen and her family as they don their kilts and head to Scotland. as they hunt for monsters and experience highland traditions in Scotland! The family tries to find the Loch Ness monster on a cruise through its river home. They also learn more about the geology of the loch and the history of Scotland at Urquhart Castle. “

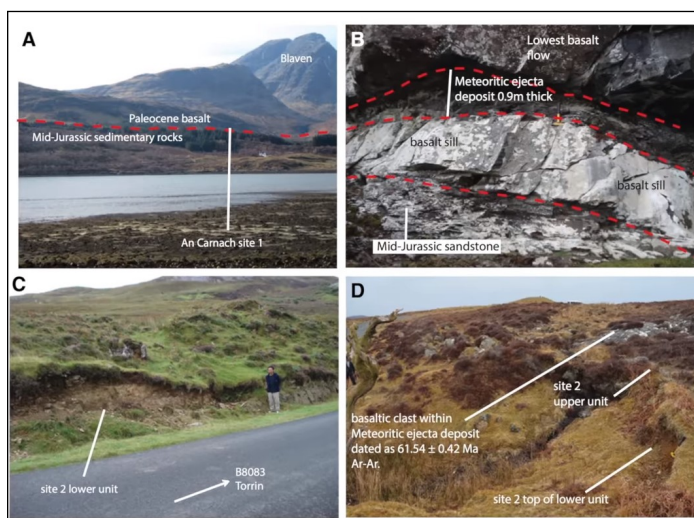


Urquhart Castle, by Arthur Sylvester Noozhawk's July 7, 2017 Photo fo the Day https://www.noozhawk.com/article/urquhart_castle_20170727

The Great Glen Way - A Walks Around Britain Special.

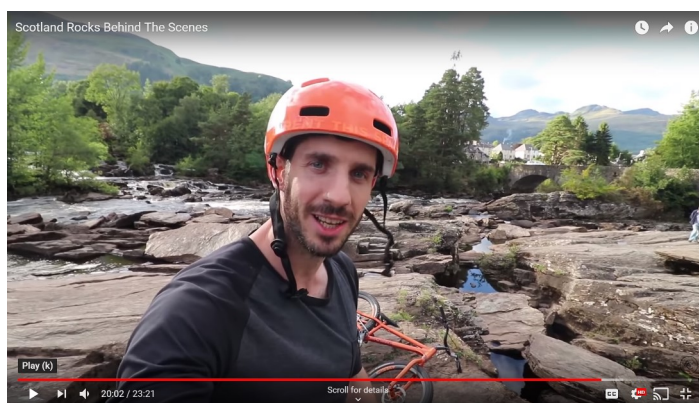
<https://www.youtube.com/watch?v=qrA8DGJ6vY> Andrew White walks The Great Glen Way - a 79 mile long-distance trail between Fort William and Inverness in Scotland, discovering old castles, former railway lines, stunning landscapes and the magnificent Caledonian Canal along the way.

Alien Minerals Found in Scotland Hint at Ancient Meteorite Impact, <https://www.youtube.com/watch?v=D08KUxJaljY> Scientists found a rare mineral on Earth for the first time in Scotland.



Detailed photos of rare mineral found in Scotland.

Scotland Rocks Behind The Scenes, mountain biker, Ali Clarkson, shares a behind the scenes view <http://tinyurl.com/y6k2d7o9> of the creating of the video **Ali Clarkson: Scotland Rocks** <https://www.youtube.com/watch?v=c3SHcgbEoiU> The video includes a visit to the Falls of Dochart <http://tinyurl.com/y6bxzxdy>



Ali Clarkson at the Falls of Dochart

BITS & BYTES

Elisabeth Nybo, Editor

Footprints of World's Largest Dinosaur Found in Scotland <http://www.geologyin.com/2018/04/footprints-of-worlds-largest-dinosaur.html>



A footprint made by therop dinosaur, found on the Isle of Skye. Photograph: Paige dePolo/University of Edinb/PA

Schoolboy discovers long-lost 1,000-year old stone monuments from ancient kingdom <https://www.foxnews.com/science/schoolboy-discovers-long-lost-1000-year-old-stone-monuments-from-ancient-kingdom>

Scientists Find Fossilized Fish That May Have Been Blasted by Debris From Asteroid That Ended Dinosaur Age <https://gizmodo.com/scientists-find-fossilized-fish-that-may-have-been-blas-1833671176>



Paster cast of a Tanis Deposit fossil showing a freshwater fish (dark brown) next to a marine ammonite Photo: DePalma et al (PNAS 2019)

Cracking the Secrets of Old Faithful's Geyser Eggs <http://www.geologyin.com/2018/08/cracking-secrets-of-old-faithfuls.html>



Geyserite eggs (Sawmill Geyser, Upper Geyser Basin, Yellowstone, Wyoming, USA) Photo: James St. John

World's longest salt cave is discovered in Israel and is still 'growing,' scientist say <https://www.foxnews.com/science/worlds-longest-salt-cave-discovered-in-israel-and-is-still-growing-scientists-say>



The Malham Cave continues to grow, according to experts. (Credit: Ruslan Paul/Hebrew University)

Voice of America Reporter Kevin Enochs video report on the Malham Cave <https://www.voanews.com/a/israeli-salt-cave-declared-world-largest/4854750.html>

Huge fossil discovery made in China's Hubei province <https://www.bbc.com/news/world-asia-china-47667880>



Professor Gains and his research team Photo: Robert Gaines

Where to Find SoCal's Most Fascinating Mining Destinations <http://tinyurl.com/y2esvlzv>

Watch Huell Howser visit the California State Mining and Mineral Museum <https://www.kcet.org/shows/californias-golden-parks/episodes/mining-museum> Huell drops by the California State Mining and Mineral Museum in Mariposa to see our state's official collection of more than 13,000 minerals, rocks, gems, historic artifacts and fossils.



Huell Howser and Peggy Ronning, curator of the California State Mining and Mineral Museum.

VISITING THE ORE-CUTT'S ARCHIVES

Elisabeth Nybo, Editor

I have been randomly reading archived Ore-cut's bulletins on the website, <http://www.omsinc.org/Newsletter.html>, and found two articles that I thought were perfect for re-visiting this month. **Egg's New Mexico Style**, by Dick and Bess Shields, is a travel story of their New Mexico visit with the Geodo Kid, Robert Paul Colburn, and his partner, Christopher Blackwell. In addition to the pictures in the article, there are more pictures of thundereggs and information on the Basin Range Volcanics Geolapisdary Museum at <http://www.zianet.com/geodekid/>

The February 2004 Ore-Cutt's additionally has a article by Ralph Bishop, **Collecting Eggs with the Kid**, recounting a field trip with Robert Paul Colburn. The trip was to Oregon to search for Frieda green tube thundereggs. To get to the dig site involved a boat that crossed the river via steel cable, a three-wheeler for transportation to/around/from the dig, and then the adventure of the dig itself. Ralph ends the article, "Those were the days, my friends. We thought they'd never end!" Thankfully Ralph was generous enough with his experience to write it down and I am happy I found it and can reshare it from the archives.

Do you have a favorite article from a past issue of Ore-Cutts? The online archives only goes back to January 2002. If you have older paper Ore-Cutt's would you share them? The online Ore-Cutts Bibliography goes back to 1994, <http://www.omsinc.org/archives/OreCutts%20Bibliography.pdf>. There are some interesting article titles that I would like to read. If anyone has kept the paper copies would you share? It would be nice to scan them and extend the archives back even further and share more OMS history as told through Ore-Cutts.

ODE TO A ROCK

Kayla Cason, Guest Contributor

The unappreciated rock
Has oh so much to give.
Without its presence on the earth
We'd have nowhere to live.

We use them in our daily lives
But never think of it.
We tend to think that rocks are dumb
Cause all they do is sit.

With rocks we shape our fireplace,
Build bridges wide and strong.
We sometimes build our homes with them,
And fences short or long.

We melt them to make glass so clear
And silver coins so bright,
Or golden jewelry, copper pipes,
Aluminum so light.

We polish them to wear around
Our fingers, neck and wrist.
To name the stones and gems we love
Would make a long, long list.

We powder them for chemicals
To make us all live long.
We make them into pencil lead
With which to write a song.

No, seldom do we think about
The rock and all it's worth,
And yet without them there would be
Less joy upon the earth.

Pres Box (Continued from page 1)

Thanks to Wes, Marty, Sally and Geary who handled the March 9 Highway Clean-up with the smallest crew I can remember. Come-on folks it's only a couple of hours, it is good exercise, AND you get treats afterward! Oh, guess who won the prize he donated to the clean-up effort? Yep, Wes did... again!

I get to be the "Rock Doc" again at the Santa Lucia Club Show on the weekend of April 13-14 at the Paso Robles Fairgrounds. It is a fun show in a neat venue. Why not come –up and take a gander? (And stop by and say "Hi"...).

Please also remember the OMS Breakfast on April 27 at Denny's in Santa Maria, 1019 East Main Street.

Red Books are due to be passed out at our April Meeting. I hope you have all your corrections from the 2018 Red Book sent in to me.

We are looking forward to our April Program by my "Rock Brother," Jim Mills, entitled "A Rockhound Visits Scotland". I have asked for folks to bring petrified wood to display in April as Jim is a petrified wood expert! In late-breaking news, we just scored another member of the Santa Lucia Club, Barbara Bilyeu, for our May Program. Barbara will do a Power Point presentation of her article on "Five Fine Jaspers" that won her a first place in Adult Advanced Articles in the 2018 CFMS Bulletin Contest. The display for May will be hmmm... how about Jasper and whatever else you would like to share with us.

Be Safe Out There

Wayne Mills

OMS CALENDAR

APRIL 2019	
Tue, Apr 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
Tue, Apr 9 7 to 9 p.m.	General Meeting: Oasis Senior Center 420 Soares Av, Santa Maria, CA Program: <i>Rockhound Visits Scotland</i> by Jim Mills Display: Petrified Wood or anything Refreshments: Cake to be brought by Joe & Lisa Azevedo, Dick Bazzell, Margaret Hanson, Tara Machine
Sat, Apr 27 8:30 a.m.	OMS Monthly Breakfast Denny's in Santa Maria 1019 E Santa Maria, Ca
MAY 2019	
Tue, May 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, May 11 8 a.m.	Highway Clean-up Southeast Corner Hwy 101/166 East
Tue, May 14 7 to 9 p.m.	General Meeting: Oasis Senior Center 420 Soares Av, Santa Maria, CA Program: <i>Five Fine Jaspers</i> by Barbara Bilyeu Display: Jasper or anything Refreshments: Pies to be brought by: Joe & Lisa Azevedo, Jan Ferguson, Jeanie Lingerfelt, Virginia Rogers
Sat, May 25 8:30 a.m.	OMS Monthly Breakfast Country Kitchen, Santa Maria 1701 N Broadway, Santa Maria, 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

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 GENERAL MEETING
LUIS OASIS SENIOR CENTER
ORCUTT, CA
MARCH 5, 2019**

Meeting opened at 7:00 p.m.

Present were Dick Bazzell, Bill Brown, Jeanne Brown, Jan Ferguson, Debbie Hood, Wayne Mills, Sylvia Nasholm, and Renea Sutcliffe.

Minutes were read by Debbie Hood and accepted as amended.

Treasurer's Report was given by Jeanne Brown and accepted as corrected. She will also look into adding Fixed Assets to our reports.

Correspondence received were AFMS Newsletter; CFMS Newsletter; dealer application for the show; invoice from Lee Central Coast Newspapers; letter from Pat Nuernberg, she really enjoys the newsletter; Salvation Army request for donation; Santa Lucia Rockhounds Newsletter; and South County Chamber of Commerce Newsletter.

Committee Reports:

Bulletin is out and looks great!

Refreshments for March meeting will be cakes brought by Tara Machlin, Margaret Hensen, Dick Bazzell, and Lisa Azevedo.

CFMS Renea will be at the March 8th meeting hosted by the Pasadena mineral show meeting. She brought new insurance forms for the society.

Membership has No Report.

Field Trip to Ralph Bishop's was fun!

Adopt-a-Highway will be March 9 and Wayne will not be there. Wes will be in charge of treats.

Annual Awards Banquet will be December 14, 2019.

Breakfast is March 23rd at 8:30 a.m. at Hometown Buffet.

Education, Library, and Sunshine have no reports.

Scholarship: We will give the scholarship to Santa Barbara City College in May.

Respectfully Submitted,

Debbie Hood
OMS Secretary

**ORCUTT MINERAL SOCIETY BOARD MEETING
LUIS OASIS SENIOR CENTER
ORCUTT, CA
MARCH 12, 2019**

Meeting opened at 7:00 p.m.

Invocation was given by Mike Henson.

Flag Salute led by Truman Burgess.

Hospitality Bill Hood reported 21 members and 1 Guest.

Minutes of the Board of Directors meeting of March 5, 2019 were read by Debbie Hood and accepted as presented.

Correspondence: no new mail received.

Treasurers Report: Jeanne Brown was not at the meeting but Jan Ferguson brought copies of the current report for those who were interested.

Committee Reports:

Bulletin is out and is very good.

CFMS: Renea Sutcliffe gave a report on the meeting and show. The 2020 show will be in Lodi. Wayne made a motion that the club reimburse bulletin editor motel costs for one night while attending the Editor's Luncheon at the CFMS meeting, seconded by Wes Lingerfelt and passed.

Elisabeth reported that OMS cleaned up at the Awards Luncheon with awards for:

Ralph Bishop— 2nd Place Adult Article

Wayne Mills— 1st Place Adult Article

Sylvia Nasholm— 2nd Place, Press Box

Elisabeth Nybo— 1st Place New Bulletin Editor

Elisabeth Nybo— 2nd Place Adult Article

Membership dues needs to be paid by March for information to be included in the 2019 Redbook.

Sunshine: Amy McDaniel's husband died.

Field Trip: Wayne reported the trip to Ralph Bishop's was great. Everybody in attendance had the chance to pick some good rocks too. Next fieldtrip is to Ozona (Lockwood Valley off Highway 33) on May 18th.

Refreshments: Sally Griffith reported cakes tonight brought by Tara Machlin, Margaret Henson, and Dick Bazzell.

Adopt-A-Highway: Wayne Mills reported only four people came out for the last clean up. Wes won the door prize.

Education: In June Wayne will be giving a talk to the Santa Lucia Club.

Scholarship: Nothing to report.

Property: No report.

Library: Alexis Van Atta and Wes Lingerfelt are copying the salvageable VHS tapes to DVD and are approximately 30% complete. The contents of the video library as of January 2012 is on the website.

Door Prize: Renea reported donations and showed tonight's prizes.

Breakfast: Bill Hood reported the next breakfast will be March 23rd at 8:30 a.m. at Santa Maria Hometown Buffet.

Show: Wayne reported show contracts to last years vendors have been sent out and 17 have been returned paid. The State Franchise Tax Board has threatened to levy a \$1000 fine for each dealer that does not have a valid tax ID number. Wayne will be checking each one. Jeanne Brown may have found us a BBQ caterer for the show.

Old Business: Wayne solicited ideas for upcoming programs.

New Business: Program for April will be Jim Mills on Scottish Rocks. Display is petrified wood. The order of the meeting will be program first followed by business meeting.

Refreshment Break.

Program: Members who brought display's of their favorite rocks told what made the displays their favorites. Door prizes were awarded.

Meeting closed at 8:35 p.m.

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.

UPCOMING CFMS SHOWS

April 13 - 14: PASO ROBLES, CA

Santa Lucia Rockhounds

Paso Robles Event Center

2198 Riverside Avenue

Hours: 10 - 5 Daily

Contact: Kim Noyes, (805) 610-0603

Email: kimnoyes@gmail.com

Website: <http://www.slrockhounds.org/>

April 27 - 28: SANTA CRUZ, CA

Santa Cruz Mineral & Gem Society

Santa Cruz Civic Auditorium

307 Church Street

Hours: 10 - 5 daily

Contact: Sarah Hawklyn

Email: shawklyn@yahoo.com

Website: <http://www.scrockngem.org/>

**I'm not self medicating with rocks.
I have a prescription from the
Doctor at the clinic.**



Okay, so the clinic is technically a rock shop.
But the guy behind the counter had his doctorate in Geology
Well, fine, they called it a receipt.
Whatever.

Shared on Facebook

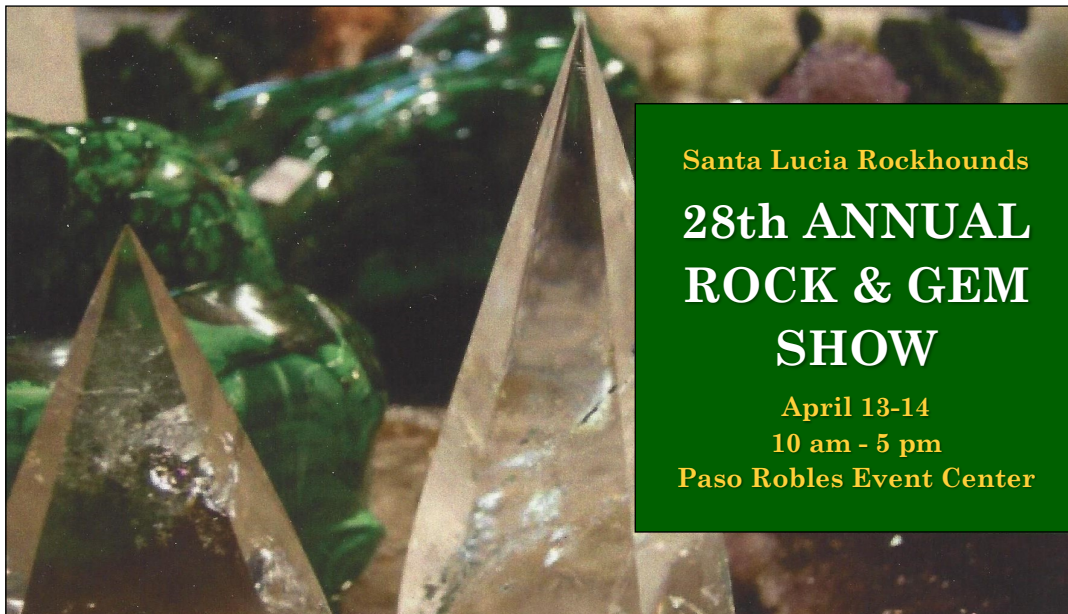


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Santa Maria, CA 93456-0106

ADDRESS CORRECTION REQUESTED



Ore-Cutts



Santa Lucia Rockhounds

28th ANNUAL ROCK & GEM SHOW

April 13-14

10 am - 5 pm

Paso Robles Event Center

For more show details visit <http://www.slockhounds.org/show.html>

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

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