

Orcutt Mineral Society, Inc.



Ore-Cutts



Volume LII, Issue 3

THE PRES BOX—APRIL 2018

Sylvia Nasholm, OMS President

Spring may be just around the corner, but March is still roaring as I write this! What a surprising yet welcome drenching we are having. I hope everyone is staying snug and safe throughout the storms.

I was unable to go on our field trip to San Simeon and I have not heard how things went. I hope everyone had a good time and we will hear about it at our meeting.

The Dana Adobe is holding a festival on May 20th from 10AM till 4PM. They are offering a booth for free to organizations offering nature events. Wayne, Dyanna and Alexis will be manning it but they would welcome your help if you can stop by and cover for an hour or two to give them a break.

Katherine read her poem about mountains to us and it can be found in the bulletin for those of you who were unable to attend the meeting.

Wayne related that our last highway cleanup was brutal. It was very dirty and only four OMS members showed up to help clean it. That's tough. We only clean the stretch in odd months so if you can spare a few hours to help out, it would really make the job easier.

Our annual club trailer cleanup will be on April 14th. The trailer is on the Von Achen property and we meet at 9AM. It only takes a couple of hours to go through everything, clean and organize it. Please set that time aside to help as well.

Jim Mills will give a talk at our April meeting that will cover Deciding the Components of Rocks by the Colors in them. We will start the meeting with our invocation and pledge of allegiance and swing right into the program. Refreshments, the business

portion and our door prizes will follow. Please don't miss this special talk!

Camp Paradise applications are available and the CFMS field trip north to Davis Creek/Lassen Creek will be in July this year, more to come at our meeting.

Our next Board Meeting is the 3rd of April, Nipomo Chamber of Commerce and our General Meeting is April 10th, cookies on tap and fossils on display. Breakfast will be at Denny's in Santa Maria on April 28th at 8:30. Don't forget, program first at the April General Meeting!

Have a Blessed and Happy Easter,

Sylvia

SAN SIMEON STATE BEACH FIELD TRIP—MARCH 17, 2018

Wayne Mills

Six intrepid souls met at the K-Mart parking lot on the morning of Saturday March 17. Elisabeth Nybo even showed-up to wish us well and take pictures. Dick Bazzell, Wes and Jeannie Lingerfelt, and Sally Griffith were waiting for me, and Debbie Hood

(Continued on page 2)





(Continued from page 1)

showed-up shortly after I arrived. Elisabeth was there a lot earlier. We pulled out of the lot about 9:05, and arrived at the day-use area at San Simeon about 9:57. Just a few sprinkles on the way up, but it was pleasant when we arrived. Jeannie, who is recovering from a brief illness, stayed with the cars, while the rest of us hiked the boardwalk under the highway bridge down onto the beach. Of course, we spread-out and started looking for (and finding) little treasures. Most of the “good” rocks were fist-sized and smaller. I even found a couple of heart-shaped

rocks thanks to the inspiration of heart-rock collecting friends Bobbi and Cathy from the Santa Lucia Club.

The waves were coming pretty strongly, and we had to dodge some of the wave run-ups, but the good news is that the run-ups left a lot of shiny rocks to pick through. I got a few cell phone pictures to share the experience, and hope to have a few rocks from the trip to share with everyone at our next meeting. After scouring the beach, we went our separate ways about 11:40 am. It was another fun day on the beach.





At the March 12th General Meeting, Katherine presented her poem *Reflections on Mountains*.

MY REFLECTIONS ON MOUNTAINS

by Katherine N

Mountains purplish with hues of deep blue
on slate.

The luminous snow flows deep into the icy
crevices.

Foggy mountains whisper in the silent
night.

Their rugged peaks tower over minuscule
towns.

Their craggy boulders are gigantic and
erode the mountains' jagged sides, while
slumbering through the ages.





EASTER ISLAND

Easter Island is so much more than just giant volcanic rock heads. Here are videos and websites with information that ranges from the history of Easter Island and it's people to how to plan a visit there today. Take the time to read the information and watch the video for a passport free exotic trip to a Chilean island in the South Pacific.

The Famous Easter Island Heads Have Hidden bodies <https://www.forbes.com/sites/trevornace/2017/07/26/famous-easter-island-heads-have-hidden-bodies/#a09decbf8041>

Easter Island Quest <http://www.easterislandquest.com/>

Easter Island—The Statues and Rock Art of Rapa Nui <http://bradshawfoundation.com/easter/>

Quarry on Easter Island <https://www.nationalgeographic.org/media/quarry-easter-island/>

Easter Island <https://www.history.com/topics/easter-island>

Ageing Rock Stars <https://youtu.be/IFubLFxhc9s>

Walking with Giants: How the Easter Island Moai Moved | Nat Geo Live <https://youtu.be/J5YR0uqPAI8>

Mystery of Easter Island: Moai Statues—Part 1 https://youtu.be/o0_koQ4Oe4o



OMS CALENDAR

APRIL 2018

Tues, April 3 7 to 8 pm	OMS Board Meeting, Nipomo Chamber of Commerce meeting room. 239 W Tefft St, Nipomo, CA All members are welcome at this meeting
Tues, April 10 7 pm to 9 pm	General Meeting: Luis Oasis Senior Center 420 Soares Av, Santa Maria, CA Program: Color, Form and Pattern in the Scenery – what they tell you about their geologic past by Jim Mills Display: Fossils Refreshments: Cookies brought by Truman Burgess, Debbie Hood, Tara Machin, and Don Nasholm
Sat, April 28 8:30 am	OMS Monthly Breakfast: Denny's, Santa Maria 1019 E. Main St, Santa Maria

MAY 2018

Tues, May 1 7 to 8 pm	OMS Board Meeting, Nipomo Chamber of Commerce meeting room. 239 W Tefft St, Nipomo, CA All members are welcome at this meeting
Tues, May 8 7 pm to 9 pm	General Meeting: Luis Oasis Senior Center 420 Soares Av, Santa Maria, CA Program: John McCabe, The Morrows Display: Field Trip Treasures/Local Rocks Refreshments: Pies to be brought by Joe & Lisa Azevedo, Jan Ferguson, Margaret Henson, Jeannie Lingerfelt
Sat, May 19 8 a.m.	Highway Clean-up: Southeast Corner Hwy 101/166 East
Sat, May 26 8:30 am	OMS Monthly Breakfast: Country Kitchen, Santa Maria 1701 N Broadway, Santa Maria



MINERALS AS BIG AS YOUR THUMB

BY DARRYL POWELL

from Mini Miners Monthly March 2018

Many mineral collectors like to collect minerals that are large enough to display on a shelf or in a cabinet. Did you know, though, that there are different size groups of minerals and there are mineral collectors who specialize in specimens of a very specific size? First, here are the sizes that you will find when you look for minerals in shops and at shows.

HS = Hand Size which refers to any specimen larger than 10 centimeters (cms).

SC = Small Cabinet which refers to specimens between 5 and 10 centimeters.

Min = Miniature which refers to specimens between 3 and 5 centimeters.

TN = Thumbnail which refers to specimens 2 to 3 centimeters large. Think of them as approximately the size of an adult's thumbnail. Some collectors say, "1 inch all around or less."

MM = Micromount which refers to specimens 5 millimeters to 2 centimeters large. Micromounts are so small that you will need a microscope to see them well.

Why would someone want to collect thumbnail and micromount specimens? Aren't they too small? There are a few answers to these questions. First, there are some collectors who wish to collect as many specimens as they possibly can, but don't have the space for hand sized specimens and definitely not for cabinet specimens. Thumbnails and micromounts are great because they are small and take up much less space. Second, high quality thumbnails and micromounts are less expensive than a high quality hand specimen so a collector can build a really fine collection with a smaller budget. (Be prepared, though, that some high-quality thumbnail specimens can be extremely expensive.) Third, smaller specimens like thumbnails and micromounts are very often very well-crystallized and undamaged. It is an exciting experience to look into a microscope at a micromount crystal and see a perfectly formed, undamaged crystal of any mineral species. Fourth, there are a lot of mineral species that do not form large crystals. For example, rose quartz crystals are always thumbnail size or smaller. Turquoise crystals are extremely rare and are always micromount size.

ROCK EGG COLLECTION DONATED TO FALLBROOK GEM & MINERAL SOCIETY MUSEUM

In April 2013, the Fallbrook Gem & Mineral Society (FGMS) Museum opened the Betty Robson Egg Collection exhibit to the general public. John Robson, a chemist, left the 177-piece collection to his wife Betty, also a chemist. The collection of egg-shaped items includes not only rocks and minerals of all different colors and sizes, but items made from other materials too. Most of the specimen's have hand-typed cards that include the common name, chemical composition, as well as it's place of origin. The exhibit display includes an amber egg with a 50 million year old ant suspended in it and a sparkling opal egg from Queensland, Australia; John's favorite & shown by Betty below. The Fallbrook Museum has free admission and is open to the public 11 am—3 pm Thursdays, Fridays and Saturdays.

Additional information and pictures can be found at:

Rock Egg Collection Now Community Treasure, Village News, April 18, 2013

<http://www.villagenews.com/story/2013/04/18/news/rock-egg-collection-now-community-treasure/36566.html?m=false>



Pictures included are from the Village Voice article

<http://www.villagenews.com/photos/big/36566/2>

Village News video with interview at the FGMS museum

<http://www.youtube.com/watch?v=Kb3z8BYRRc4>



THE STONE EGGS OF MERRY BAY, DJUPIVOGUR, ICELAND

<https://www.atlasobscura.com/places/the-eggs-of-merry-bay>

Almost three dozen large, granite eggs line the road along the bay in Djúpvogur, Iceland, each perched atop its own slab of concrete. The Eggs of Merry Bay are a tribute to the native birds of eastern Iceland.

In 2009, Icelandic artist Sigurður Guðmundsson created the 34 enormous eggs in honor of the 34 species of bird that nest within the area. Each stone specimen accurately depicts the shape, patterns, and colors of the individual bird egg it represents.

The eggs, though differing slightly in appearance, are all close to the same size. Except, that is, for one. The sculpture honoring the red-throated diver, the official bird of Djúpvogur, is larger than the rest. The eggs are all accompanied by a sign giving the bird's name (both genus and species) in Latin and

its common name in Icelandic, making this beautiful piece of art a fun science lesson and linguistics exercise.

Additional information and pictures can be found at:

Eggs in Gleðivík

<http://www.djupivogur.is/ferdavefur/?pageid=1752>

Djupivogur Village in East-Iceland and the Eggs at Gleðivík Bay

<https://guidetoiceland.is/connect-with-locals/regina/djupivogur-village-in-east-iceland-and-the-egg-sculptures-at-gledivik-bay>

Djupivogur—Iceland—Eggs of Merry Bay

<https://www.youtube.com/watch?v=j-udOA9qDUI>



<https://www.afar.com/places/djupivogur-djupivogur-5>

FUNNY WEIRD AGATE SPECIMENS YOU SHOULD SEE

<http://www.geologyin.com/2016/10/funny-weird-agate-specimens-you-should.html>



Cookie Monster. This rock is known as a "Thunder egg" and the outer shell is comprised of rhyolite. Credit "Bill the Egg Man"

BIRTHDAY'S & ANNIVERSARIES

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

BIRTHDAYS

Donna Lehman	4/1
Allyn Goodall	4/7
Bob Bullock	4/21

ANNIVERSARIES

Karen Dry	4/3
Paul & Sandy Berthelot	4/21
John & Elaine Von Achen	4/24

MONTHLY FUNNY

Q: What did the boy volcano say to the girl volcano?

A: I Lava You!!!



2018 OMS OFFICERS

President	Sylvia Nasholm	(805) 481-0923
President-Elect	Vacant	
Secretary	Dyanna Cridelich	(805) 937-4347
Treasurer	Jeanne Watkins Brown	(805) 481-1811
Imm. Past Pres.	Wayne Mills	(805) 481-3495

2018 OMS BOARD MEMBERS

Dick Bazzell	(805) 736-5033
Bill Brown	(805) 481-1811
Jan Ferguson	(805) 474-9977
Sally Griffith	(805) 928-6848
Debbie Hood	(805) 481-6860

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.

OMS Membership Chairperson: Dyanna Cridelich (805) 937-4347

OMS Webmaster: Bill Brown (805) 481-1811

Check out our OMS web site at: <http://www.omsinc.org> or send e-mail to: info@omsinc.org

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SCIENCE WITH TOM MUSIC VIDEOS

<https://tinyurl.com/ycauullr>

Video #1: Party Rock Anthem - fossilized! The song parodies "Party Rock Anthem" by LMFAO. The song covers the California 7th grade standards on Earth & life history. The song and video are part of Tom's thesis about the impact of music in science education as part of a Master of Science Communication at the University Otago in New Zealand (which began thanks to a Fulbright scholarship). https://youtu.be/CIJ5lwl_wM0

Video #2: Why are gems and minerals so special? The Teen Advocates for Science Communication (from the California Academy of Sciences in San Francisco) flipped "All of the Lights" by Kanye West into "All of the -ites" in this science music video to let you know. <https://youtu.be/hnyHzTvBZnU>

ORCUTT MINERAL SOCIETY

Board Meeting

Nipomo Chamber of Commerce Office

Nipomo, CA

March 6, 2018

President Sylvia Nasholm called the meeting to order at 7:00 pm. Board members present were Wayne Mills, Jan Ferguson, Jeanne Watkins Brown, Dyanna Cridelich, Sally Griffith, Debbie Hood. Bill Brown and Dick Bazzell. Alexis Van Natta, Sharon Duncan, Elisabeth Nybo was our guest.

Minutes: Minutes from the general meeting are printed in the newsletter. Accepted as corrected.

Treasurer's report: What we lost in January, we made up for in February with a \$92.00 profit. We have \$24,000, in our accounts. Report accepted as read.

Correspondence: We received a card from the Santa Barbara Gem Fair dated Feb 16, 2018, a newsletter from the Santa Lucia Rockhounds, a Comcast business advertisement and an AFMS Newsletter.

Committee Reports:

Bulletin: The Bulletin is out. It is beautiful as always. Susan von Borstel from Davis, CA is the rock artist. We had the place wrong and need to retract it in the next bulletin.

Advertising: Elisabeth Nybo said that on the Santa Barbara Gem Show website, they are offering local rock

and mineral clubs a free booth in their show. She also said that the Orcutt Mineral Society is on Facebook at omsinc.org. Go on Facebook and "like us".

CFMS: Go on the CFMS website, CFMSinc.org/campparadise to find out and register for Camp Paradise. They will have two sessions, each a week long, from August 26 to September 8th.

Field Trips: A field trip to San Simeon Beach is scheduled for Saturday, March 17. We will meet at 9:00 am in the Kmart parking lot in Arroyo Grande. (next to Carl Jrs.). We will then carpool up to the site.

Highway Cleanup: Our next Highway cleanup will be held March 10 at 8:00am. Members will meet on the Southeast corner of Highways 101 and 166 East. The minimum age to work is 18 years old. Come join the fun.

Membership: Dyanna Cridelich says that between Honorary, Life and paid members, we have 45 members. Five more have said they will pay next Tuesday at the general meeting, which will bring our total to 50. There are a couple of members she has not been able to contact. Wayne Mills received an email from a young man who would like to join and Dyanna gave an application out at the last meeting. So, we are looking good.

Annual Meeting at Madonna Inn: Dyanna Cridelich says the date will be December 8th, 2018. All is in order until September.

Refreshments: Sally Griffith says that cakes are in order for March. These will be supplied by Lisa and Joe Azevedo, Sylvia Nasholm, Dick Bazzell, and Sharon Duncan.

Sunshine: Jeannie Lingerfelt was really sick over the weekend but feels much better now.

Scholarship: Wayne Mills will send a check to Santa Barbara City College in April.

Breakfast: We will meet on March 24th at the Hometown Buffet in Santa Maria at 8:30 am.

Education: Wayne Mills will be the "Rock Doc" at the Santa Lucia Club show on the 21st and 22nd of April. Wayne says that John McCay will give a talk on the Morrows (Seven Sisters) for our general meeting in May.

Library: Alexis Van Natta has booked the Santa Maria Library for having an OMS display in the months of July and August. She is waiting for the Nipomo Library to respond to her request.

Show: Sharon Duncan says that John von Achen will take care of the trash and the security at our show in August. She is still getting contracts from vendors. Sherry George will not be at the show, so Sharon is looking into finding some new demonstrators, possibly Ray and CJ Quitoriano.

We spoke on the status of the folding cases like the one Wayne Mills put together for us. Some of the issues have been solved. We still need to assess how many we need and decide whether glass or plastic will work better and be affordable.

Old Business: Bill Brown says our domain name is safe. It has been renewed for 2 years. Bill is looking into getting a special email for the OMS president to use and is almost ready with it.

Wayne Mills says that the advertising show cards are finished and have arrived. They are beautiful. They were \$141.20 for 2000 cards and cost less than what we paid last year.

New Business:

Elisabeth Nybo said that Facebook gave her a \$25.00 coupon to use for outreach. It cost her \$15.00, out of the \$25.00, to reach 300 people. 13 people have liked the post. She can do this for the Rainbow of Gems show and it will reach lots of people. If people have Facebook pages, she can also network them.

Wayne Mills got a message from Dana Adobe. They are having their Outdoor Nature Festival on May 20th, from 10am to 4pm. They will waive the booth fee of \$25.00/\$50.00 if there is a nature-themed activity for children to do associated with your booth. It could be digging things out of sand or picking up rocks in nature. They will have their new nature center open. Anyone wanting to take this on and have a booth, please contact Wayne Mills.

Elisabeth Nybo said that the Natural History Museum in Santa Maria is having a festival on the 21st and 22nd of April and are charging \$25.00 for a booth. Unfortunately, it is the same date as the Santa Lucia Show and no one wanted to take it on.

President Sylvia Nasholm adjourned the meeting at 8:20 p.m.

Respectfully submitted:
Dyanna Cridelich, Secretary, OMS

ORCUTT MINERAL SOCIETY
General Meeting
Oasis Senior Center, Orcutt, CA
March 13, 2018

President, Sylvia Nasholm, called the meeting to order at 7:05 pm.

Debbie Hood gave the invocation.

Geary Sheffer gave the flag salute.

Minutes: Minutes for the Board are published in the Bulletin.

Treasurer's report: Jeanne Watkins gave the treasurer's report. She said that we have \$4,000 in our accounts. Reports are available to those who want them. The report was accepted as given.

Correspondence: The Salvation Army sent us a request for donation and the Tax Board sent us a new Tax Use Chart.

Committee Reports:

Hospitality: There were 23 members and 4 guests in attendance. Our guests were Scott Smith, Warren Wall, Romeo Oropeza and Joshua Oropeza

Refreshments: Sally Griffith said that tonight is cake night. Many thanks to Sylvia Nasholm (especially to Don for baking the cake), Sharon Duncan, Elisabeth Nybo and Dick Bazzell.

Annual December Luncheon: Nothing new.

Breakfast: Bill Hood says that the breakfast will be at the Home Town Buffet in Santa Maria at 8:30AM on March 24, 2018.

Bulletin: Please submit any rock related article to Elisabeth Nybo. If it is too late for the current bulletin, it will go out the next month.

Door Prizes. Debbie Hood is sitting in for Renea Sutcliff. There is a wide array of wonderful items. Wayne Mills brought a nice collection of minerals and fossils. There is also fluorite, tourmaline, amethyst, opalite, rhodenite, quartz, a fossil conifer, geode and a fiber optic sphere.

Field Trips: Wayne Mills is organizing a field trip on Saturday, the 17th of March to San Simeon Beach. We will meet at 9:00am in the Kmart parking lot in Arroyo Grande (next to Carl Jrs). We will then carpool up to the site.

Highway Cleanup: Our Highway Cleanup on Saturday, March 10 was brutal. It was really dirty and 4 brave souls attended. Thanks to Wes, Sally, Wayne and Marty. Wes won the draw and gave a little rainforest sphere to Shelly, their hostess.

Membership: Dyanna Cridelich says that between Honorary, Life and Paid members, we have 46 members signed up so far. There are another 4 or 5 members that have said they will renew. I will call and remind them. If they pay before April, they will go in the red book.

CFMS: Wayne Mills spoke about Camp Paradise. It is only \$400.00 for the week and it includes everything, room, board and classes. Applications accepted on April 1. CFMS has some great articles. One on theft is excellent. Please check out Rockhound H.E.L.P. (Help Eliminate Litter Please). OMS was commended for our Highway cleanup program.

Scholarship: The check will be sent to SBCC in April.

Sunshine: Mike and Margaret Henson are in New Orleans. Jeannie Lingerfelt is much better, Paul Berthelot is doing better. Renee Sutcliffe's father passed away today.

Education: (Wayne Mills) Wayne Mills will be the Rock Doc at the Paso Robles Show on the 21st and 22nd of April.

Property: Geary Sheffer scheduled a club clean up on April 14 from 9am to 11am at the von Achens. We will be cleaning the club trailer and making sure that everything is ready for the show.

Library: (Alexis Van Natta) We will display in the Santa Maria library or the months of July and August. Waiting on Nipomo to answer her request.

Show: Sharon is still collecting contracts.

Old Business:

Our domain was renewed for two years.

The red book will be published and handed out at the next meeting. Please check your information for accuracy. Dues need to be paid for your name to be included in the red book.

Please give your information to Debbie Hood for inclusion on the phone tree.

The post cards are printed. If you need cards, Sylvia Nasholm will get them to you.

New Business:

The next board meeting is April 3 at the Nipomo Chamber of Commerce. A check was sent to the Chamber to hold our dates. They have not acknowledged this yet.

Katherine recited a poem she wrote about mountains. It will be published in our next bulletin.

Sylvia Nasholm is working on a show page cfmsinc.org/shows. Wayne said it needs to be on our website and then a link put on their website that would link to our page. Between Wayne, Bill and Elisabeth, I know they will get it done.

John McCabe will speak about the Morrows in May. His program will be first on the agenda.

Jim Mills will give a talk in April on Deciding Components of Rocks by the Colors of the Rock. His program will also be first on the agenda.

The Gem Faire offers a free booth to local rock clubs for club promotion.

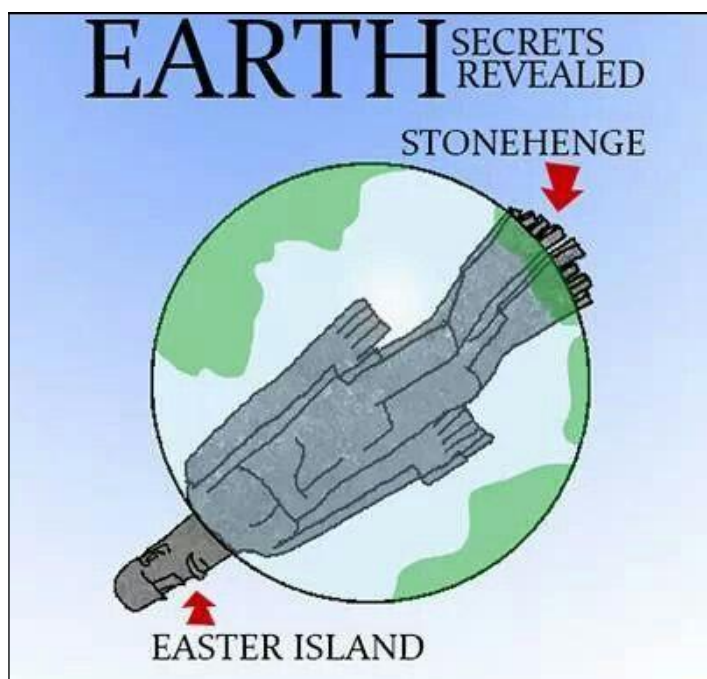
The Dana Adobe Festival is on May 20th from 10am till 4pm. They are offering a free booth to organizations offering nature events. Wayne Mills, Dyanna Cridelich and Alexis Van Natta will look into this.

Program:

Mystery Rocks. Wayne Mills gave a short talk about the three types of rock before diving into the multitude of rocks waiting to be identified. It was great fun and everyone participated, learned something new and was in great spirits. Thanks to Wayne Mills and Wes Lingerfelt for their identification skills.

President Sylvia Nasholm adjourned the meeting at 9:05 p.m.

Respectfully submitted:
Dyanna Cridelich, Secretary, OMS







Orcutt Mineral Society, Inc.
 P.O. Box 106
 Santa Maria, CA 93456-0106

ADDRESS CORRECTION REQUESTED


ORCUTT MINERAL SOCIETY—51st ANNUAL RAINBOW OF GEMS SHOW




Sagenite Agate—Nipomo



Deedeeite—Avila Beach



Marcasite Agate—Nipomo



Brecciated Jasper—San Simeon

Friday-Sunday
August 3-5, 2018
Nipomo High School,
525 N. Thompson Ave,
Nipomo, CA



ore-cuts

