



**The Pres Box—
June 2020**
Bill Brown, OMS President

June is here. Coronavirus is still with us and while we seem to be “flattening the curve”, and SLO County is “opening” we still have quite a way to go.

The shelter at home order has started to allow opening. San Luis County has received a county specific release to start opening up and has begun their opening plan. Santa Barbara has not yet received the release but is expected to soon.

Probably the biggest news is that our **August show** has been canceled. The high school notified us that we would not be able to use the school facility due to the corona virus. I am disappointed both for us and for our dealers. The stay at home order has been painful for everyone. Our dealers depend on our show for part of their income and not holding the show will hurt them. I think the best thing we can do for us and them is to plan to have a bigger and better show next year.

We will probably not be able to have our **July meeting** as the most recent information from the Oasis Senior Center web site is that they are closed until further notice. If that changes, at our July Board meeting we will consider when and how to hold the meeting. Check our web page for updates. We will also send out emails when/if the status of Oasis changes.

The **board meeting** will on Tue, June 2 from 7 to 9 p.m. I'll talk to the chamber and see if the room is available or if it's still closed. With the change in the Shelter in Place order, we may be able to meet. I'll send out an email if it is available. If it is not availa-

ble (or if we still don't want to get too close), we will do the teleconference like we did last month.

The **June Picnic** has been postponed. Santa Maria Parks Dept. let us know that we would not be able to hold our June event last week. We have re-scheduled the picnic to the first Saturday in August (August 1). **Highway Cleanup** has been cancelled by the highway department. We don't know at this time when it will restart.

Our **June breakfast** is scheduled for June 27 at Denny's in Santa Maria. Dine in restaurants are still closed in Santa Barbara County, so we don't expect to be able to meet for breakfast. If things change in Santa Barbara county, we will put an update on the web page and send out an email.

Everybody stay well. *Bill*

BIRTHDAYS & ANNIVERSARIES

Greetings go out to those folks who are having Birthdays and Anniversaries in **June**

BIRTHDAYS

Ralph Bishop	6/2	II
Geary Sheffer	6/9	II

ANNIVERSARIES

Bruce & Jeanie Nybo (55th!)	5/29
Bill & Debbie Hood	6/7
Fred & Betty Campbell	6/19
Stan & Jan Ferguson	6/27

***Congratulations!** If you don't see your name here when you should, then the information is not in **The Red Book**. Please write your important dates down and give them to **Wayne**.*

BIRTHSTONE(S) FOR JUNE

Pearl & Alexandrite

From Wikipedia..

While Pearl is not a stone or a mineral due to its organic origins, it is a gem, both the natural and cultured varieties. Pearls are caused by sand grains that irritate the fleshy part of an Oyster. The oyster responds by coating the sand grain with Nacre, a form of calcium carbonate (calcite) that also comprises the shell of bivalves like clams and oysters.

Alexandrite is one of the rarest of colored stones. It is a member of the Chrysoberyl Group with a formula of Beryllium aluminum oxide. Alexandrite, a strongly [pleochroic](#) (trichroic) gem, will exhibit [emerald](#) green, red and orange-yellow colors depending on viewing direction in partially [polarised light](#).



[Photo from gia.edu](#)

LOCAL ROCKS-- AMMONITE (Point Sal) Text and picture by Wayne Mills, Ore-Cutts Editor,

After I left Caltrans I inherited the collection of fossils that I had put together as District Paleontology Coordinator. One of the fossils that was in the collection was collected from near Jalama Beach. It is an ~70,000,000 year old ammonite from the Cretaceous aged Point Sal Formation. Since the ~24,000,000 year old Seven Sisters were formed near Palmdale, CA, and have been rafted northward to their current location in the intervening years, It would be fascinating to know where this ammonite was originally deposited. It is about 9 inches at its widest point, so the fossil would have been about 18 inches in diameter when it was deposited. The largest ammonite ever found came from Germany— it is 6 feet in diameter.



Bottom picture is of the exposed suture lines.

The suture pattern is one way that ammonite species are identified. But don't ask what species this one is. Ammonites were one of the genera that went extinct at the end of the Cretaceous Period. Amazingly, the Nautiloids, which are also cephalopod molluscs, survived the Cretaceous extinctions.

BITS AND BYTES

Beautiful pictures of gems and minerals

[Finemineralphotography.com](#)

Meteorite found containing the oldest material on Earth— 7 Billion year old Stardust

<http://www.geologypage.com/2020/01/meteorite-contains-the-oldest-material-on-earth.html?fb>

Did you know there was a “Rockhound’s Facebook Group? Actually, there are several! Type rockhounds into Facebook [Search](#) and you can join different Rockhounds groups— a Rock Hounds group, and the Rockhound Connection (among others).

Beautiful photos of each of America's 62 National Parks

<https://www.msn.com/en-us/travel/travel-photos/stunning-photos-of-every-national-park-in-america/ss-BB124pv5>

300 million years of geology at Arches National Park in Utah in a 3.5 minute video. Fascinating!

<https://www.nps.gov/arch/learn/photosmultimedia/geologyvideo.htm>

Newly discovered 400-Million year old plant fossil sheds new light on plant evolution

<https://www.msn.com/en-us/video/science/400-million-year-old-plant-fossil-gives-rare-look-at-plant-evolution>

YOU ARE MY SUNSHINE!



<https://www.postfun.com/amazing/wild-photos-that-show-the-true-scale-of-things/25/>

Imagine that this plastic ball is the sun. Then imagine that all the little balls (dots) inside it are Earth-sized. Hard to imagine, right?

The Sun has a **diameter** of about **1,392,000 km** (~865,000 miles). Earth's diameter is **12,742 km** (7,917.5 miles). The diameter of the Sun is thus 109 times as great as the Earth's

diameter. And THAT is why it is so hot in the summer time! Photo from:

www.windows2universe.org/sun/

ROCKHOUNDS

From Phillip Roberts on Rockhound Connection. Author unknown

There are hounds you know, that hunt the fox
Now we are hounds that hunt the rock.
We have rocks in the car; rocks in the shed;
Some even say we have rocks in the head

But we love to hunt them on river and hill
and to cut one in two is always a thrill
Although you may travel far from your home
You'll find nothing as grand as a good
agate stone.

God hid them in his mysterious way
That they may be found in our time and day.
So we might dig and hunt and hike
Each one is different, no two are alike.

To be out there in your walking shoes
Is always cure for the worst of the blues
So come with us, have a good look around,
And you may become an avid rock hound.



Picture from Libby Elizabeth Hammer in Rockhound Connection

METAMORPHIC CHALLENGE—A couple of months ago, I challenged folks to see how many words they could make from the letters in the word “Metamorphic”. Words are 4 or more letters, no plurals. 1 point per word, 1 point for each word related to geology or geography. **How many words can you make from “IGNEOUS” (No plurals)?**

	A	C	E	H	I	MM	O	P	R	T	
1	AIMER	CAMP	ECHO	HAIM	ICER	MACE	OPERA	PACE	RACE	TAME	
2	AMOR	CAMPER	EMIT	HARE	IMPACT	MACE	ORATE	PACT	RATE	TAMER	
3	APTER	CARE	EMPO- RIA	HAREM	INVERT	MACHE	ORCA	PARE	REAM	TAMP	
4	ARCH	CARP	EROTIC	HARM	ITCH	MAIM	OTHER	PATE	RICE	TAMPER	
5		CARPET	ETHIC	HARP		MARCH		PATER	ROAM	TAPE	
6		CHAIR		HART		MARE		PEACH	ROMP	TAPIR	
7		CHAMP		HATE		MARMOT		PEAR	ROPE	TARE	
8		CHAP		HEAP		MART		PEAT	ROTE	TEAM	
9		CHARM		HEAR		MATCH		PERT		TEAR	
10		CHAT		HEAT		MATE		PITA		THROE	
11		CHERT		HEMP		MATH		POACH		TIME	
12		CHIME		HERO		MEAT		POEM		TIMER	
13		CHIMP		HIRE		METAPHOR		POET		TIRE	
14		CHIRP		HOAR		MICA		POME		TOME	
15		CHOMP		HOME		MICE		PORE		TORI	
16		CHOP		HOMER		MITE		PORT		TRACE	
17		CHORE		HOPE		MOAT		PORT		TRAM	
18		CHORE				MOPE		PRAM		TRAMP	
19		CHROME				MORE		PROM		TROMP	
20		COMA				MORPH				TROPE	
21		COME				MOTH					
22		COMMA				MOTHER					
23		COMP									
24		COM- PARE									
25		COPE									
26		CORE									
27		CRAMP									
28		CRATE									
29		CREAM									
30		CRIME									
31		CROP									
	5	34	5	17	3	24	4	22	8	22	145

KID'S PAGE

Name 3 common sedimentary rocks and the metamorphic rocks that they “morph” (change) into after being subject to heat and pressure. Hints for each rock type are given.

#	Sedimentary.	Metamorphic
1.	ss	qtz
2	ls	mb
3	sh	sch

NAME 3 COMMON EXTRUSIVE IGNEOUS ROCKS CAN YOU NAME MORE?)

(rocks that form from lava outside the Earth.)

1. Ba
2. Rh
3. Ob
4. Pu
5. And

NAME 3 COMMON INTRUSIVE IGNEOUS ROCKS (CAN YOU NAME MORE?)

(rocks that form from magma inside the Earth.)

1. Gr
2. Dia
3. Pyr
4. Gb
5. Da

Kids: If you have a picture of a specimen you would like someone to TRY to identify, send it to: info@omsinc.org.. We may use your picture in our newsletter.



If you start when you are young, you might be able to build an amazing structure like this out of pebbles in your lifetime.

I found this picture on the Rockhound Connection Facebook Group with no attribution other than “Lenny Bishop”.



From [A Different Type of Art](#) via Rockhound Connection 5/17/2020. Agatized snail shell. A different kind of structure!

ORCUTT MINERAL SOCIETY
Board Meeting
Teleconference
May 5, 2020

Meeting was called to order at 7:00 pm by President Bill Brown. (Thanks to Bill for setting up the teleconference)

Members Present were Bill Brown, Jeanne Brown, Betty Campbell, Jan Ferguson, Debbie Hood, Wayne Mills and Renae Sutcliffe. Absent were Sally Griffith and Dick Bazzell.

Minutes of the April Board meeting were accepted as printed in the Ore-Cutts. There will be **no April General Meeting** due to COVID 19.

Treasurer's Report (Betty) 22 members have paid their 2020 Dues. We have received show contracts from 15 dealers—due to the cancellation of our show, Betty will start returning the unopened checks and refunding the ones that have been deposited. **Jeanne Brown** will refile our non-profit status with the government.

Correspondence— Salvation Army, Rockonteur (Santa Lucia Club Bulletin), AFMS Bulletin, Info on buying stamps, and a (possibly junk mail) Domain letter (later transmitted to Bill Brown).

COMMITTEE REPORTS:

Bulletin (Wayne) is out, and looks good. Contact Wayne Mills with any questions or delivery problems. Submit all articles for the May Bulletin by May 20.

CFMS—(Renae) The Lodi Show and CFMS Director's Meetings are cancelled or postponed due to COVID 19. Many mid-year shows have been cancelled due to the darn virus..

Membership—(Wayne) 22 members have paid their 2020 dues.

Field Trip—(Sally) Our May 16, Field Trip to Ozena was cancelled due to the ongoing virus crisis.

Adopt a Highway (Wayne) The Adopt-A-Highway Program is suspended until further notice. **Caltrans hopes that the September clean-up will be possible..**

Annual Awards Banquet (Dyanna) Saturday, December 12, 2020 at Madonna Inn.

Breakfast—The March and April Club Breakfasts have been cancelled due to Coronavirus..

Education—(Wayne) No report.

Library—(Alexis) No report

Sunshine—(Margaret Henson and Dyanna Cridelich) Wayne mentioned that Doren Strane, a former officer the Santa Lucia Club was killed in a cave-in in Bakersfield in Early May. He was hunting for fossil shark's teeth.

Scholarship—(Jeanne Watkins Brown) No report. Since there will be no show in 2020, the Board voted to carry over the \$300 that is usually added to 10% of our show profit to next year's scholarship.

Show—(Bill Brown) On May 5, we received the notice from the School District cancelling our 2020 Show Permit. Wayne will notify the dealers of the cancellation, and that their money will be returned as soon as possible. Wayne asked Bill to make the appropriate corrections to our website. **Wayne asked the dealers to let him know if they got our cancellation notice. So far, 22/61 dealers have responded.**

Old Business—Our Semi-Annual Meeting is June 13 at Pioneer Park. We are all set with Parks and Recreation pending notice that the parks are reopen from COVID 19 shutdown. Wes and Jeannie said they would do the beans and meat. Santa Maria Parks and Rec. said that if we **do not hear from them by June 1, the picnic is a go.** We will attempt to notify our members via telephone tree about the picnic.

New Business—Debbie Hood is working on a new phone tree in case of sickness. Debbie asked Wayne to send her the phone and address information from the 2020 Red Book.

Wayne was asked to delay passing out the **Red Book** until the May meeting. **Since there is no May meeting**, we will try to mail it out in mid-late May.

Meeting adjourned at 7:47 pm.

Respectfully Submitted,
Wayne Mills, Secretary, OMS

ORCUTT MINERAL SOCIETY
General Meeting
Oasis Senior Center, Orcutt, CA
May 12, 2020

The **May OMS General Meeting** was cancelled due to the Coronavirus shutdown.

Respectfully Submitted
Wayne Mills, Secretary, OMS

OMS CALENDAR

Note: Schedule is tentative based on COVID 19 Virus measures

JUNE 2020

Check June Bulletin for COVID Updates

Tuesday, June 2 7:00 to 8:00 p.m.	OMS Board Meeting, Nipomo Chamber of Commerce meeting room. All members are welcome at this meeting.
Saturday,	Semi-Annual Meeting Pioneer Park, Santa Maria. Postponed until (hopefully) August 1 (The May General Meeting was cancelled due to the Corona virus shutdown).
Field Trip—	None planned
Saturday, June 27—??	OMS Monthly Breakfast— Call Bill Hood if you are interested in going).

JULY 2020

Check July Bulletin for COVID Updates

Tuesday, July 7 7:00 to 8:00 p.m.	OMS Board Meeting, Nipomo Chamber of Commerce meeting room. All members are welcome at this meeting.
Postponed until further notice by CalTrans	OMS Highway Clean-up
Tuesday, July 14 ??	OMS General Meeting, Oasis Senior Center (WE HOPE)
Saturday, July 25—??	OMS Monthly Breakfast— Call Bill Hood if you are interested in going).

2020-OMS OFFICERS

President	Bill Brown	(805) 481-1811
President-Elect	Jeanne Brown	(805) 481-1811
Secretary	Wayne Mills	(805) 481-3495
Treasurer	Betty Campbell	(805) 929-5344
Imm. Past Pres.	Wayne Mills	(805) 481-3495

2020-OMS BOARD MEMBERS

Dick Bazzell	(805-757-9123)
Jan Ferguson	(805) 474-9977
Sally Griffith	(805) 928-6848
Debbie Hood	(805) 481-6860
Renea Suttcliffe	805) 929-2783

CFMS FEDERATION DIRECTOR

Renea Suttcliffe	805) 929-2783
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OMS Membership \$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 Membership Chairperson is: ?**

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.

Ore-Cutts Editor/Publisher

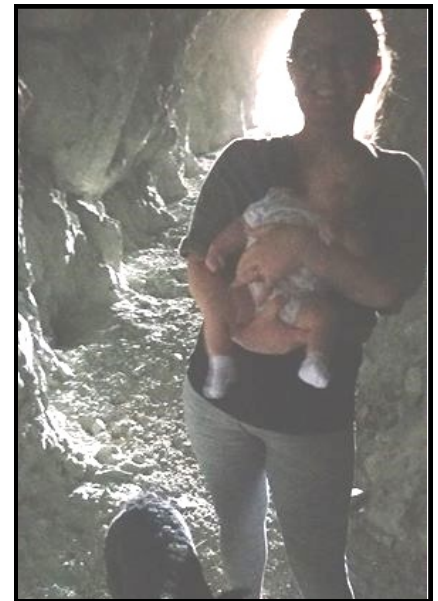
Wayne Mills	(805) 481-3495 wwmills50@hotmail.com
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👉 OUR JUNE PICNIC IS POSTPONED. SAVE THE DATE OF AUGUST 1. WE SHOULD KNOW FOR SURE ABOUT MID-JULY.

👉 WE ARE WE ARE SAD TO REPORT THAT CFMS EARTH SCIENCE SUMMER CAMP (CAMP PARADISE) HAS BEEN CANCELLED THIS YEAR.

ROCKHOUND PROFILES

Wayne Mills, Ore-Cutts Editor



One of the on-line rockhound groups that I belong to, **The Rockhound Connection**, features submissions from folks across the country, and even some from overseas. One couple whose submissions I have noted with interest for the last few years is John and Chelsea Keady of the **Rock Chuck Rock Shop** on South Highway 95 in Shurz, Mineral Co., Nevada. The Keadys, who have been married about a year now, had a baby in March and they take the baby boy with them on their rockhound adventures. To me, these “kids” are modern-day rock collecting pioneers. For someone who “loves” rocks and minerals, what an amazing life! Living in the “wide-open spaces” and prospecting for new mineral deposits and then turning your finds into awesome jewelry. John and Chelsea appear to be equally adept at polishing and doing the silver work necessary to turn raw materials into beautiful works of art.

Rock Chuck (did you know there was an animal by that name?), has had several great reviews on **Tripadvisor.com** since early 2016, and I earnestly hope to have the opportunity to visit the Keadys one of these days. Check them out on Facebook at [therockchuck](https://www.facebook.com/therockchuck).

CFMS SHOWS

JUNE(2020) —

Due to COVID 19, many shows have been cancelled, but have not notified the CFMS Website. Check given reference before going.

June 1-2: CAMBRIA, CA CANCELLED!!

San Luis Obispo Gem & Mineral Club
Cambria Veterans Hall

June 6-7: GLENDORA, CA CANCELLED!!

Glendora Gem & Mineral Society
Goddard Middle School,

June 13-14; Escondido

Palomar Gem and Mineral Club
California Center for the Arts
340 N Escondido Blvd, 92025

Hours: Sat 10 am – 5 pm, Sun 10 am – 4 pm.

Admission \$5.00 for adults, Discounted admission for Seniors and Military. 32 vendors from all over California and Arizona.

High class show in downtown Escondido with restaurants within walking distance. There are two large rooms in an art gallery facility with security and comfort facilities.

Contact: Toni Floyd 1 (425)281-6218, tonifloyd41615@gmail.com

Website: <http://palomargem.org/annual-gem-mineral-and-jewelry-show/>

June 27 – 28, CULVER CITY, CA CANCELLED!!!

Culver City Rock and Mineral Club
Veterans Memorial Auditorium

JULY (2020) —

No shows planned

VIRTUAL FIELD TRIPS

(From the April 2020 THE STRATA DATA, Three Rivers Gem & Mineral Society, Fort Wayne, Indiana

SMITHSONIAN MUSEUM OF NATURAL HISTORY —

Mineral Collection—Beryl Var. Heliodor, Itinga, Minas Gerais, Brazil. Stones cut by John Sinkankas

(<https://www.si.edu/explore/science>)



DAVID FRIEND HALL, YALE PEABODY MUSEUM OF NATURAL HISTORY

(<https://rockngem.com/uncommon-gems-minerals-shine-in-Virtual-tour/>)

MOUNT RUSHMORE VIRTUAL TOUR

<https://www.nps.gov/moru/learn/photosmultimedia/virtual-tour.htm>



If you haven't checked out our Facebook page yet, you should. Elisabeth does a great job maintaining it with fun articles, pictures and rock-related activities. Search for **Orcutt Mineral Society on Facebook**.

Also, Check-out our web page at omsinc.org for our old bulletins back to 2002, pictures of recent shows. a bibliography of our past bulletins, and lots of other fines in our archives.

**Orcutt Mineral Society, Inc.
P.O. Box 106
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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.