



Ore-Cutts

Volume XLVIII Number 7

July 2014

The Pres Box—July 2014

Elaine Von Achen,



I want to start off this month with thank you's to everyone who has agreed to chair an event at our upcoming "Rainbow of Gems" show. Thanks to Renea Sutcliffe for taking the "Snack Bar". Thanks to

Sharon Duncan for taking "Hospitality". Thanks to Mike Schmidt for taking "Junior Activities". Thanks to Wes Lingerfelt for getting all the "Dealers" as well as the approvals, insurance, permits, and everything else we need. Thanks again to Wes Lingerfelt for heading up the Saturday night barbeque along with much help from the membership. And a very special thank you to Dee Dee Magri for coming down for the weekend and taking over the Treasure Chest. All of these people will need help and I encourage you to sign up for as many spots as you can.

Don't miss the July general meeting on the 8th as Mike Schmidt will be giving a program on "Prospecting for Gold - How do you Find It". This will be the last meeting before the show and there will be sign up sheets and lots of information.

The 12th of July will be our bi-monthly highway clean-up. Our Breakfast for July will be at the Country

Kitchen in Santa Maria on the 26th.

I am looking forward to a busy month getting ready for the show, but also to seeing vendors I haven't seen since last year and friends who come to see our great displays and all the rock and gems they could want.

Elaine Von Achen
President, OMS

BIRTHDAYS & ANNIVERSARIES



Birthday greetings go out to those folks who are having birthdays and Anniversaries in May.

July Birthdays

Eileen Krienke	7/5
Carl "Salty" Tapper	7/15
Mike Henson	7/17

July Anniversaries

Williams, Maida	7/6
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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 Wes Lingerfelt so they will be included in the next edition (2015).*

Treasure Chest Raffle tickets will be available at the July meeting!

SUNSHINE

Jeannie Lingerfelt

“No news is good news!”

OMS NETS GOLD, SILVER and BRONZE IN CFMS BULLETIN CONTEST

Wes Lingerfelt, Federation Director

We did **very** well in the CFMS Bulletin Contest this year. Here are the results relative to our Newsletter:

Adult Advanced Articles

First Place – **Presidential Pet Pebble** (Wayne Mills)

Adult Articles

Third Place – **The First Rockhounds of our Spirit Coast** (Ralph Bishop)

Small Bulletins

Second Place – **Ore-Cutts** (Debbie Hood)

All of these have been entered into the AFMS Contest with the winners announced in Tulsa, Oklahoma on July 31st 2014.

OMS NAMES HONORARY (LIFETIME) MEMBER: DEE DEE MAGRI

Wayne Mills, Ore-Cutts Editor



Dee Dee Magri was a member of Orcutt Mineral Society from 2002-2009. In that time, she endeared herself to all who knew her with her vivacity and her enthusiasm for all rocks. Dee Dee and her husband, Aldo, moved from Tucson,

Arizona to a home in Avila Beach in 2003, and she immediately began combing the beach and surrounding areas for rocks. Soon after moving here, she joined OMS. One day she brought a rock to Wes Lingerfelt to have a sphere made. “That’s an ugly rock” remarked Wes. Upon completion, the rock, a brecciated rhyolite proved quite attractive, and was even found to display a couple of different colors under fluorescent light. Ralph Bishop, one of OMS’s

honorary members determined that the rock needed to be called “DeeDeeite”, and so it has been. At recent shows, there are still requests for pieces of DeeDeeite.

As I was researching this article, I found that Dee Dee and I share a special connection—the same birthday (November 21)! We have also been connected by our efforts at making the **Treasure Chest activity** at our show a success. During and after her tenure with OMS, DeeDee has continued to be the leading ticket seller, and donation getter for that activity, returning to Nipomo from her new home in Benecia to assist with the Treasure Chest (and to visit her many friends here). This year, Dee Dee has agreed to run the Treasure Chest in my absence.

Dee Dee earned another distinction at the pen of Ralph Bishop. In May 2005 Ralph wrote an article about Dee Dee and a couple of our other rock ladies entitled “**Girls Gone Wild**”. Then Ore-Cutts Editor, Bess Shields—a modest, church-going lady, gladly published the article, but was quite embarrassed a few weeks after the issue came out when she learned of the Spring Break-themed movies of the same name.

Because of DeeDee’s past and continuing contributions to OMS, the Board unanimously voted to make Dee Dee an **Honorary Lifetime Member** of our club at the June 2014 Board Meeting.

PARTYING AT PIONEER—OMS SEMI-ANNUAL MEETING

Based on a report from Bill and Debbie Hood, the Semi-annual meeting held on June 7 was an unqualified success. Attended by about 35 members and guests of OMS, the day was one of great weather, good conversation, excellent food, and a lively silent auction. No business was discussed, so there will be a lot of information to go over at our July meeting. Our August show is right around the corner!

We are happy to hear that Jan Ferguson and Sandy Berthelot have both pulled through their respective surgeries and were able to attend the event, as was Pat McKay who accompanied her son Keith. Our grateful

thanks to all who made this event a success, especially to Wes and Jeannie for reserving the park and preparing the meat, and to all those who brought tasty side dishes and desserts.

PICTURES—MAY TAILGATE



Rich, Sharon and Joe



Mike and Margaret, Elaine and??



Renea and Lucky

PICTURES—JUNE SEMI-ANNUAL MEETING



Bob and Bill chillin' and Wes grillin'



Diggin' in to the good eats!



Silent auction treasures

JAWLESS FISH LIVED WITH TRILOBITES

Jennifer Hong, June 12, 2014

From <http://www.newsoxy.com/science/jawless-ancient-fish-162855.html>

A jawless ancient fossil provides new details about the earliest known fish that lived widely in North America some 500 million years ago. The fish is called *Metaspriggina* and it grew about 2 inches long.

On June 12, News Max reported that the new specimen reveals new details about one of the earliest known vertebrates. Researchers on Wednesday described about 100 fossil specimens of the fish unearthed at the Burgess Shale site in the Canadian Rockies and other locales, the site said. Some of the specimens showed the primitive body structures that would later evolve into jaws. Jean-Bernard Caron of the Royal Ontario Museum in Toronto, one of the study authors, said structures near the gills show what the precursor to jaws looked like. "It allows an understanding of where we come from and what our most distant relatives might have looked like," said Caron, a paleontologist at the museum. "Because of its great age – more than half a billion year old – *Metaspriggina* provides a deep down view at the origins of the vertebrates. It had a tapering and narrow body with a small head. It also had large eyes and small nasal sacs."

Jawed vertebrates — such as fish, birds and humans — make up about 99 percent of the vertebrates on Earth, but scientists don't agree on how and when jaws first evolved. Scientists think that the common ancestor of jawed vertebrates was similar to eyeless, boneless, jawless fishes such as hagfish and lampreys, which diverged from their immediate ancestors about 360 million years ago and haven't changed much since. But that wasn't always the dominant theory. In the 1870s, naturalist Karl Gegenbaur noted that living fish such as sharks have five or six pairs of bars that support the gills, and that these so-called gill bars bear a striking resemblance to jawbones. Based on that similarity, he proposed a theory, called the serial homology hypothesis, that jawbones in modern fish gradually evolved from

an earlier pair of gill bars in some long-lost "father fish," from which all jawed vertebrates would have evolved, yet nobody had ever found evidence of this ancestral fish, and eventually, the hypothesis fell out of favor.

Then, in 2012, Caron and his colleague's uncovered dozens of fossilized fish, many of which were exquisitely preserved, in Marble Canyon in Canada's Kootenay National Park. The mud at the bottom of the Cambrian sea had likely cemented them in place 514 million years earlier, preserving many internal structures such as the heart, gut and muscles. It turned out that the creature was very similar to a poorly known specimen called *Metaspriggina walcotti* that was found in sediments in the Burgess Shale nearby in Canada, as well as to other fossils found in China, Caron said. The primeval creature was the size of a man's thumb, with a flattened head and single-lens, or so-called camera eyes, at the top of its head that could peer forward or up, Caron said. "The direction of the eyes would have allowed them to see what was happening above them, which means they were probably living at the bottom," and may have even been able to evade the large predators of the day, such as the bizarre shrimplike sea monster anomalocaridid, Caron told LiveScience.

A new description of the fish, based on fossils found mostly in British Columbia, was released Wednesday by the journal Nature.

LETTER FROM OMS HONORARY LIFETIME MEMBER SIR PAUL HOWARD, KRO

37 Darnel Street, Elanora,
Q4221, Australia

18 June 2014.

Hello Wes and club members:

Every time our club (OMS) show comes around I feel embarrassed that I am not there to help make it a success. So, Lady Marie and I decided when we got to Agate Creek last year, to do something about it. Lady Marie gets around with a walker (She is 85 years old now) which is not very handy for fossicking in creeks. So we decided to fossick for small ones that

she could find in the "chuck heap" and I would look for all the small ones that I could find while looking for the bigger ones.

We came home with a 20 liter paint drum full. I devised a way to cut them into small slabs so we could make them into small sample boxes like these, and we made 20. But they would not all fit in the box that I had selected for them. Here are 15 of them as our gift to my club in America that I am very proud to tell everyone who will listen to me, about how I became a life member of the Orcutt Mineral Society Inc. in California. You do whatever you want to do with them to raise money on the bottom line for our club. I'll make it back there one of these days so I can be part of it again. If you would like the other 5 boxes, let me know.

I can still **feel** the last time I attended our show at Nipomo. Remember the first day helping I had a large table dropped onto my foot which made me limp a bit for the rest of the show. When it's cold here in the winter, like it is now, I can still feel the lump there. (*Editor's note: I was holding the other end of that table, and **did not drop my end...***)

The DVD about the knowledge I have accumulated about Agate Creek Fossicking area and the agates found there over the last 30 years is behind schedule. The production line is running a little late for it to be included in this parcel, but it will arrive in July. I am hoping that this DVD will set a precedent for members of other clubs to do the same for the future generations of new members that will take up their chosen hobby or past time, no matter what it is.

We are going up to Agate creek again on 29th June and expect to be there for a month We will come home through Sapphire in the gem fields where the new lapidary and Craft club has been built with part of the \$10,000 we put towards the new building. Lady Marie and I are life members of that club and we will be supporting our new club with our display and demonstration of what we teach in our school at the annual Gem field's Gem show, which is the first week in August. That's about all the news I have this

time. Bye for now.

Kindest regards from

Sir Paul and Lady Marie Howard.



MEET OMS—Dyana Cridelich (OMS President-Elect)

When I was 5 years old, my family and I lived in



Redlands, California. Our address was 620 Colton Ave. Across the street, at 715 Colton Ave, lived the Covington's'. These wonderful people had a fascinating hobby they called Lapidary. I

remember their tumblers. My eyes grew big at seeing those ugly pieces of rock become beautiful, shiny chunks of color. Of course, they were making many other machines to cut, polish and grind stone but I loved the tumblers best. Becoming friends, we enjoyed many field trips to the desert and mountains to hunt down that special rock. Whenever I had a question, and I had many, it was immediately answered in detail. I thought there was nothing they couldn't answer. This first introduction started my lifelong love and fascination for rocks and geology. (*Editor's note: Today, Covington Engineering, one of the largest makers of quality lapidary equipment is still headquartered at 715 Colton Avenue in Redlands.*)

Fast forward a few years, while away at college, several friends wanted me to accompany them to the Far East. For over a

year, I traveled in India, Nepal, Tibet, and Thailand. Each place I visited had numerous mines producing sapphire, ruby, garnet, amethyst, aquamarine and other gem quality stones. It was amazing to see firsthand how these gemstones are mined. The stones seemed abundant and reasonably priced. I enjoyed watching the artists work with their stones. Small pieces of silver were curled, shaped and placed in rings and pendants with the most detailed craftsmanship I had ever seen. Their stone and silverwork was beautiful. I especially like the Tibetan's use of Coral, Amber, Carnelian and Shell. Not only are the colors fabulous, but the combination of the stones is stunning.

Back in the US, I found myself in Santa Maria where my folks told me about the Orcutt Mineral Society. I attended my first meeting and kept on coming back. Good people, great camaraderie, lots of rocks, good times and the best rock show on the west coast. Who could ask for more?

MEET OMS—Mike Schmidt Prospecting Pleasures and Pain



I was born at Vandenberg Air Force Base in 1966. My parents decided to move back to Wisconsin in 1976. I had the best of both worlds growing up. In Wisconsin, my parents had a house on a lake so that meant all the fishing and swimming I could handle. My grandparents who lived nearby had a dairy farm, so I spent a lot of time at both locations. When I was bailing hay or plowing fields I would keep a sharp eye to the ground looking for arrowheads and pretty rocks. Just a few miles down from the dairy farm, my other grandma had a farm with a natural spring surrounded by lots of pretty

agates showing many different colors and patterns.

Sadly, I eventually grew up and life happened. I joined the Air Force left the rural life behind for many years. In the Air Force, I was a Nuclear Weapons specialist (Top Secret—I can't say any more about this). During my travels over my military career, I was in places where there were a lot of minerals, so I took up an interest in one specific mineral—gold! I have since panned and prospected for gold in California, Nevada, Arizona, Colorado and Wisconsin.

One trip that I have an especially vivid memory of a trip to Nevada where my daughter Samantha and I had previously done some gold mine exploring and metal detecting. We were metal detecting about 4:30 one afternoon when we hit a target and I dug it up. To my amazement it was a platinum nugget about $\frac{3}{4}$ to 1 oz. in weight. We spent about 10 minutes looking at it and it was not man made or silver, and for sure it was not lead, so we started back to the truck—only to be confronted by 2 forest rangers in their patrol truck. The older gentleman had been a ranger for over 30 years and the younger one was a female rookie straight out of college. She asked for my ID and registration and the gentleman asked what we were doing, so I had told him what we had found and where we found it. He asked to see it so I complied with his request. Then he stated that it was a platinum nugget but he was sorry to say that he would have to confiscate it since it was found on national park property. Apparently, I was about 200 feet from BLM land when I found the nugget. He then said if I ever want to see the nugget, I can stop buy during business hours and see it!!! After that he asked to search my truck and I (of course) complied. He let me know that he could confiscate my metal detector and give me a summons to appear before the judge at a federal court and that I might have to pay a fine or serve time in jail (or both). Then I told him I was a federal employee and when he asked “for what agency”, I told him “the same agency that owns your truck!” After that he smiled and said “well if your report comes back clean with no wants

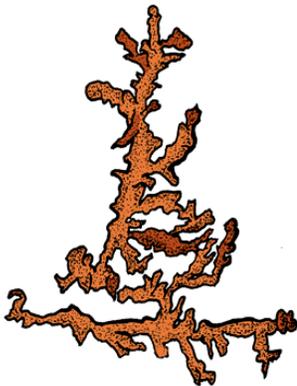
or warrants, I will let you go with a verbal warning". Naturally, the report came back clean, and he let me go with the promised warning. When the rookie asked him why they were not giving me a ticket, the Senior Ranger explained to her that since I had mistaken the location for BLM land and had no past issues with breaking the law and I had complied with them 100% and also that I was the person who approved repairs for their patrol vehicle, the verbal warning would stand.

KID'S CORNER—Unusual Mineral Forms

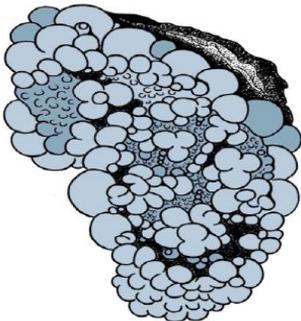
From Diamond Dan's Mini Miner's Monthly Vol. 8 No. 5

Minerals take many unusual forms. The May 2014 edition of Diamond Dan's Mini-Miner's Monthly illustrates several. Here are a few.

Arborescent (Copper)



"Arborescent" means "like a tree". Some minerals, like this copper specimen from Itauz, Djezkazgan, Central Kazakhstan, grow in forms that resemble tree branches and so are described as Arborescent.



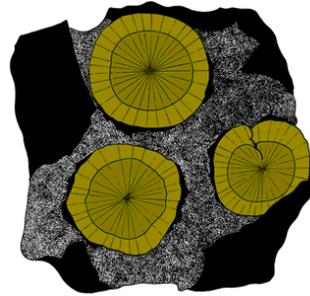
Botryoidal (Fluorite)

Fourmile Creek, Fremont County, Colorado
A rounded fluorite specimen. When any mineral forms in this rounded, lumpy formation, it is

described as *botryoidal* which means *grape-like* because, as you can see, it looks like a bunch of grapes.

Dollars (Pyrite)

Among the most unusual and



popular mineral specimens are the "Pyrite Dollars" from Sparta, Illinois. They are found in coal deposits, forming between layers of black shale. The

crystals grow from a center point like rays of light moving out from the sun. The pyrite forms into thin, flat discs that collectors call "Dollars." They really do look like big coins!

ORCUTT MINERAL SOCIETY— Board Meeting

Nipomo Chamber of Commerce, Nipomo, CA
June 3, 2014

President Elaine Von Achen called the meeting to order at 7:00 p.m.

Board members present were Wes Lingerfelt, Jeannie Lingerfelt, Elaine Von Achen, Dyanna Cridelich, Sandy Berthelot, Wayne Mills, John Von Achen, Jan Ferguson and Mike Henson. Paul Berthelot, Alexis Van Natta, Mike Schmidt and Margaret Henson were guests.

Minutes: Minutes of the May general meeting were approved as printed in the OMS June Bulletin.

Treasurer's report: Wes Lingerfelt gave the treasurer's report. It was accepted as given.

Correspondence: None

Committee Reports:

Abused Children: It was noted that there is already \$409.18 in the abused children's fund and it is just the beginning of June. We should be able to give a nice amount away in December.

Annual Gem Show: Wes said he has received the insurance policy for the show and that the price doubled from last year at \$424.00. He also received approval from the school district giving us permission to hold the show at Nipomo High School.

Breakfast: June's breakfast will be held on the 28th at the Sunset Grill, 1424 Fairway Drive, Santa Maria at 8:30 a.m.

Bulletin: The bulletin is on line and has been mailed. Dyanna Cridelich turned in a short story

about herself for the July newsletter. If anyone is interested in submitting a story about themselves, please let Elaine or Wayne know.

CFMS: Wes and Jeannie attended the CFMS show and meeting in Pomona where Wes passed out OMS show fliers. Wes reported there were 53 directors and 22 committee chairpersons and 4 officers in attendance barely making a quorum. Information from the meeting will be posted on the OMS website. The show and meeting for 2015 will be held June 12 through the 14th in Lodi.

Education: None

Field Trip: None

Highway Clean-up: The next highway clean-up will be held Saturday, July 12th. Members will meet at Highways 101 and 166 on the south east corner at 8:00 a.m.

Library: None

Membership: None

Refreshments: No general meeting in June.

Scholarship: None

Sunshine: None

Old Business: Our annual June Barbeque will be held at Pioneer Park on the 7th of June. Be sure to bring rocks for the silent auction, a dish to share and your own table setting. Wes will check with Truman Burgess regarding wood for the fire.

New Business:

Elaine announced that DeeDee Magri has agreed to chair the Treasure Chest at this year's show. DeeDee is a former member of OMS as she moved to the Bay Area a few years ago. Since she's moved she has returned and helped with our show. Wes thought it would be a nice idea to make DeeDee an "Honorary Member" for all the work she has done. Dyanna Cridelich made a motion that we make DeeDee Magri an "Honorary Lifetime Member" and the motion was seconded by Jan Ferguson. Motion passed.

Elaine said she would like to do something different for the Thursday night dinner but as everything has to be made on site, if not purchased from a store or restaurant, it was decided that we would again have pizza.

Elaine also noted that Mike Schmidt has agreed to chair the Junior Activities at the show for this year.

John Von Achen said he will call and set-up security for the show.

Wes noted that we have to be on our toes with vendors and customers who bring dogs on school property. It is a district policy that there will be no dogs on school property. It was decided that we need to have plenty of signs and a banner that can't be missed stating the school policy.

Wayne said he would like to give non-club speakers an honorarium for speaking at our general meeting. After some discussion it was decided that a minimum of \$50.00 would be appropriate. Wayne made a motion that we pay non-member speakers a minimum of \$50.00 for presenting a program at our general meeting; that this needs to be added to the OMS operating regulations and that it will be implemented effective January 1, 2015. Elaine seconded the motion. Motion passed. It was also decided that we will present this to the general membership at our July general meeting to be voted on.

Mike Schmidt will give a program for the July general meeting on "Prospecting for Gold - How do you Find It".

Displays for the July meeting will be any 1x1.

Dessert will be cake donated by Debbie Hood, Sharon Duncan, Sylvia Nasholm and Elaine Von Achen.

The meeting was adjourned by President Elaine Von Achen at 7:53 p.m.

Respectfully submitted:

Elaine Von Achen, Secretary, OMS

**ORCUTT MINERAL SOCIETY—
Semi-Annual Meeting
Pioneer Park, Santa Maria, CA
June 7, 2014**

No business conducted!

OMS Calendar

July 2014

Tuesday, July 1
7:00 to 8:30 p.m.

OMS Board Meeting, **Nipomo Chamber of Commerce** meeting room, All members are welcome at this meeting.

Tuesday, July 8

OMS General Meeting—Luis

7:00 to 9:00 p.m.	Oasis Senior Center. <ul style="list-style-type: none"> • Program- Prospecting for Gold, Mike Schmidt • Display- Any 1' x 1' Display • Refreshments-Cakes
Saturday, July 21	No Field Trip
Saturday, July 26 8:30 a.m.	OMS Monthly Breakfast- Country Kitchen in Santa Maria 8:30 a.m.
August 2014	
Friday-Sunday August 1-3, 10 am to 5 pm, 10 to 4pm on Sunday	47 th Annual Gem Show Nipomo High School
Tuesday, August 5 7:00 to 8:30 p.m.	OMS Board Meeting, Nipomo Chamber of Commerce meeting room, All members are welcome at this meeting
Tuesday, August 12 7:00 to 9:00 p.m.	OMS General Meeting—Luis Oasis Senior Center. <ul style="list-style-type: none"> • Program- Show Wrap-up Wes Lingerfelt • Display- Show treasures or anything else! • Refreshments-Cakes
Saturday, August 16	TBA
Saturday, August 23 8:30 a.m.	OMS Monthly Breakfast- The Girls, Arroyo Grande

Hours: Sat 10 - 6; Sun 10 - 5
Contact: Ellen Nott
Email: ellen_nott@yahoo.com
Website: www.sfgemshow.org

2014-OMS Officers		
President	Elaine Von Achen	(805) 929-1488
President-Elect	Dyana Cridelich	(805) 937-4347
Secretary	Elaine Von Achen	(805) 929-1488
Treasurer	Wes Lingerfelt	(805) 929-3788
Imm. Past Pres.	Wayne Mills	(805) 481-3495
Federation Rep.	Wes Lingerfelt	(805) 929-3788

2014-OMS Board Members	
Sandy Berthelot	(805) 349-3977
Jan Ferguson	(805) 474-9977
Mike Henson	(805) 934-1308
Jeannie Lingerfelt	(805) 929-3788
John Von Achen	(805) 929-1488

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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 Elaine Von Achen (805) 929-1488

OMS Webmaster - Wes Lingerfelt - (805) 929-3788
Check out our OMS web site at <http://www.omsinc.org> or send e-mail to info@omsinc.org.

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CFMS SHOWS

JULY 2014

No shows!!

AUGUST 2014

August 1 - 3: NIPOMO, CA

Orcutt Mineral Society, Santa Maria
Nipomo High School
525 North Thompson Avenue
Hours: Fri/Sat 10 - 5; Sun 10 - 4
Contact: Wes Lingerfelt, (805) 929-3788,
Cell (805) 710-1983
Email: info@omsinc.org
Website: www.omsinc.org

August 23 - 24: SAN FRANCISCO, CA

San Francisco Gem & Mineral Society
S. F. County Fair Building, Golden Gate Park
9th Avenue & Lincoln Way

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

ADDRESS CORRECTION REQUESTED

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

