



Ore-Cutts

Volume XLIV Number I

January 2010

Come join us on Tuesday January 12, 2010 at the Elwin Mussell Senior Center at 510 E. Park Street, Santa Maria for a demonstration of Flint Knapping by Brian Schull. Brian has spoken to us before, a few years ago, but his demonstrations are always fascinating, and he is very knowledgeable about the stone tools our ancestors used, and how they were made.

The display theme is **Blue Rocks**, but as always, you may display any mineral related items you like.

The refreshments will be donuts provided by the club.

In Memoriam

Longtime member and past Club Chaplin Deward A. (Dave) Sumpter Passed away December 5, 2009 at his daughter' home in Nipomo. Dave was born in 1910 in Bangs, Texas. His first wife, Mabel, and second, Mary, both preceded him in death. Dave was a straight arrow, a quiet and unassuming man who guided the club for many years with his lovely invocations. Dave was an accomplished lapidary who loved to make jewelry from rocks and minerals, and especially ironwood, as well as to fish. A donation will be made in his honor to the CFMS Endowment Fund and his name added to the list of California rockhounds.

Prez Box

One of my favorite days of the year - January 1st - dawns bright with promise and instills hope and new beginnings for all of us. Let's begin on that note and build on it, making a special effort to set aside the time we need to make each meeting and each Club gathering memorable events.

I'm looking forward to our first meeting on January 12th. Brian Schull is going to teach us everything we need to know about his art of Knapping Stone. For our display, bring your favorite Blue stones OR anything you wish to share with all of us.

Let me take this opportunity to remind all of you of two tremendous resources available to us. We have an extensive library of books and films (ably handled by Geary Sheffer) covering nearly every subject relating to our hobby. Secondly, the members of this Club have enormous talent and I encourage all of you to share your knowledge freely with each other.

"The nicest things in the world are a Christmas tree when it's first put up - and the living room when you finally take it down!"

I'm looking forward to a fun year ahead with all of you.

Sylvia Nasholm, President OMS

RED DAWN AT BEAVER RIM

By Ralph Bishop

This is a story about a petrified "Wood" specimen that by the grace of God, and my patience, will be around long after I am gone for Paleobotanists to study. Although I am enamored by good stone cutting and most recently involved in sphere cutting with Wes Lingerfelt, my first love will always be specimens that tell a "story". Walt Lindstrom told me once about the value of specimens; "Ifin you cutt'em up, youngster, you can't never putt 'em back, so think before you cut".

Last century, when I was part owner of the Dryhead Agate Mine on the Wyoming/Montana border, I would make my annual summer treks from California to mine the beautiful fortification agate. Taking the I-15 corridor, the truck would blast North-Northeast through the western desert until it smelled the freshness of Provo Canyon, Bridal Veil Falls and one of the finest trout fishing streams in the West, an ecological island of life in the promised land of the Mormons. I always stopped there along this stream of life to reflect, relax and listen to the music of fast flowing water before I ascended to the barrens of the

Eocene world of Southwest Wyoming. Another relaxing rest was to come as I passed through Green River and Rock Springs. Twin cities, so to speak, where the residents of each community claimed each other's "evil twin" residents were the biggest fossil thieves on earth. Their claims were no doubt valid, but from my experience the residents of Kemmerer were much worse. They were of course American Patriots who held to the higher law of the Creator and were in fact "Liberating fossils from their oppressors:" the hated Bureaucratic Land Mongers who took their orders from Beelzebub.

From this point, traveling north, you pass through Eden Valley where the residents of the graveyard outnumber the living 10 to 1. A short distance later is the one store and the doublewide metropolis of Farson. This is a must stop intersection as the store sells the largest, the best homemade ice cream cones in the entire West...for \$1 for a triple scoop. You can't finish a triple scooper without the ice cream dripping off your elbow.

After this major sugar fix, the next place of environmental tranquility was the lithic Crown of America, South Pass on the top of the Continental Divide. Here near the old gold mining camps of South Pass City and Atlantic City was the headwater of one of the tributaries of the Sweet Water River where in the distance could be seen Beaver Rim. When I camped at the top of the world it was springtime, flowers blossomed everywhere and in the highest basin was the biggest beaver dam I have ever seen. It was patrolled by Maw and Paw beaver, that sent "Morse Code" as I exited the truck: Slap! Strolling around the pond elicited a Slap! Slap! And as I drew close to the dam face Slap! Slap! Slap! SLAH AP!!

All was peaceful that night and I awoke to a red dawn the next morning. I had thought a great deal about Beaver Rim over the past year because the year before I had seen specimens of a rare type of petrified wood in two rock shops in Lander and I was closing in on Lander.

Stopping at the first rock shop I met the lady who owned the shop and asked her about the rounds I had seen behind the shop the year before. To my horror she pointed to a large wall of shelving covered with bookends. When I didn't show any interest she took on the demeanor of a rattlesnake and said her bookends were good enough for Walt Wright and they should be good enough for me. I simply stated bookends were not what I was interested in and left before she bit me.

On to the rock shop on the north side of town whose owner was one of the sweetest ladies of the American West and one of my all time favorite characters. She was a true American patriot who "spoke softly and carried a big stick". She was just the kind of determined Wyoming lady who drove the Suffragettes in Wyoming to victory and the right to vote with a kind word and an iron skillet.

She greeted me at the door of the shop, remembering my truck. "Praise God you've returned safely." She always said she would pray for me because I lived in California. We caught up on news of her move to a militia compound with her son. She was ready for Armageddon she said and mentioned that she had watched the movie "Red Dawn" again but she now felt much safer in her new home dug into the mountainside. She had viewed the movie "Red Dawn" where Communist paratroopers landed in a mountain state community very similar to Lander. She took it as serious as did the New Jersey residents when Orson Wells broadcast the War of the Worlds. She told me: "I'm ready to fight the forces of Satan". Opening up a broom closet next to the front door she pulled out an automatic rifle that was about as big as her thin 5' frame. On the shelf was a stock of banana clips. "Do you know how to use that thing"? I asked. "Sure do," she said, "we practice at the compound". It dawned (no pun intended) on me that if there ever were a parachute practice in Lander all hell would break loose. Wanting to change the subject I asked her about "Transitional Palm". "I think we have sold all we have", she said. And as it was lunchtime I was invited to lunch of "Prairie Goat (Pronghorn) stew. Pretty gamy it was and took some time to chew, but it was filling. I asked her about the "Palm" from Beaver Rim and the conversation turned interesting. For years a very knowledgeable Paleobotanist from Utah had visited her and her husband. He was a good customer. She and her husband grew fond of him but understood little of what he said about the palm. For instance, she thought he called it "Transmission Palm," but she was sure that a transmission was behind the motor in their truck. "So one day," she continued, "He came by and asked "Father" to take him to the location. She said, "We thought about it, he was such a nice man. But then he made an admission that shocked us to the core." "What?" I asked. "He admitted he was "That way." "That way?" "What?" I asked again. "Well, he said he was a "Fellow." "Holy Crap!" I thought. Now in academia, the word "Fellow" has a much different

meaning than it does in “Red Neck America,” and being “That Way” was an abomination in the eyes of the Lord. “So,” she said, “I told father that I didn’t want him in the desert alone with a “Fellow.” Whether this prestigious gentleman of academia was ever taken to Beaver Rim I do not know but my suggestion to any other academic who is proud of his position of “Fellowship,” you might *not* want to admit you are “that way” when you are in the land of the purple sage.

It was getting on in the afternoon and I wanted to make it up the Wind River that day so I excused myself with a thank you for the “Stick to your ribs” stew. On the way out the door, partially overgrown by sagebrush, was a large rock. “What’s this?” I asked. “Oh, that’s a big “submarine” (Concretion) from Beaver Rim, but it’s just a yard rock. The Palm is flat and anyway, it’s too big for the saw.” “Is it for sale?” I asked. “It’s not very good but we had a hard winter, any money would help,” she answered. “How about \$75.00?” I handed her a 100-dollar bill and with great difficulty rolled it up a 2 x 8 plank onto the passenger floorboard of my truck. I bid this lovely flower of the West ado, and was on to the Wind River.

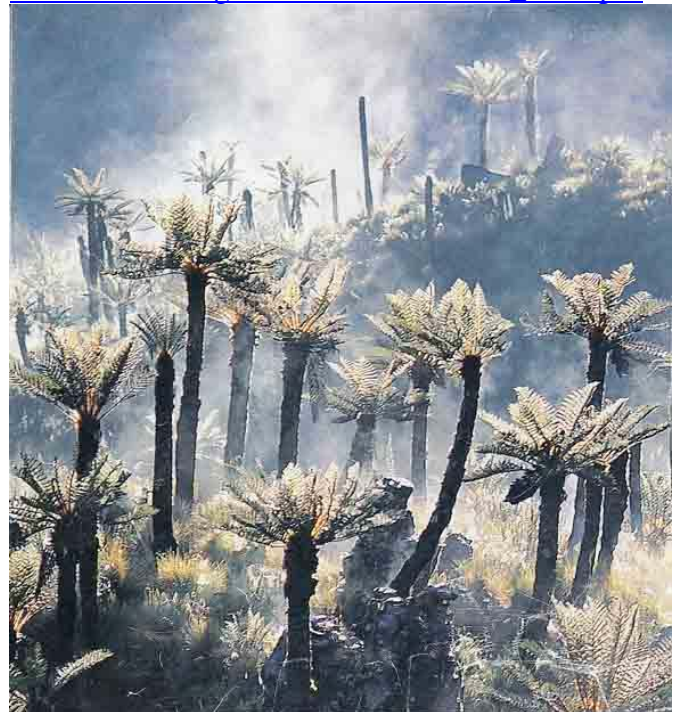
The “Transmission Palm” has resided until last month by the back door of my home, untouched. Now in all her glory she resides in my bedroom, as I am not a “Fellow”.



Dick Agin contour polished the specimen

The Specimen:

Rare woods are always interesting because of their linkage in the realm and scope of evolutionary change. One of these “woods” was collected at Beaver Rim, Wyoming by a few local rockhounds. From my understanding this “Transitional Palm” as it was known, was a single location material. This material comes from the Wagon Bed Formation that composes the crest of beaver Rim near the Sweet Water River in Sweetwater County, Wyoming. The Wagon Bed Formation is middle to late Eocene in age. It overlies the Wind River Formation (Early Eocene) and is unconformable beneath the White River Formation (Oligocene). It is between 130 and 700 feet in thickness and consists of Bentonitic greenish-yellow to yellowish-gray, locally tuffaceous zeolitic mudstones and sandstones in persistent beds along with volcanic sandstones and conglomerates. These beds are rather well sorted and all contain volcanic debris and bentonitic clay (generally a weathering product of volcanic ash). The volcanic debris is particularly abundant at the eastern and western ends of the Beaver Rim. Material in the east was derived from the www.omsinc.org/archives/Transitional_Palm.pdf



After due consideration of what can be seen in the concretion and paging through countless books this photo comes the closest, in my view, to the botanical specimen from the Eocene of Beaver Rim. This photo is from National Geographic: “A Cloud Forest” halfway up Mt. Kilimanjaro in Africa. If my memory serves me well they were labeled “Giant Lobelia.”

Yellowstone-Absaroka volcanic field (northwest corner of present day Wyoming) and the material in the west was derived from the Rattlesnake Hills volcanic field (geographic center of present day Wyoming). The specimen is 30" x 27" x 18" and weighs over 200 lbs. It is concretionary in form. A large percentage of the stem is still encapsulated in the greenish opalitic ash matrix. The wood and attending "leaves" and "leaf follicles" are agatized in exceptional detail and exposed by contour polishing on many angles (Photo's available on-line at

Many years have passed since I first learned of the "Transitional Palm" and acquired this specimen so further knowledge may have been gained concerning this intriguing material. This specimen may hold a great deal of information that was lost to butchery of previous specimen material.

For those interested in Paleo there will be an upcoming article about the largest Eocene leaf ever found at Douglas Pass, Colorado. (3 feet in diameter.)

Sunshine

We have not heard of anyone being ill, we hope that means you are all being good and staying well. Debbie Hood's Mom came through her surgery and is doing very well.

Birthdays & Anniversaries

Celebrating January birthdays are:
Charles Azevedo, Paul Berthelot, Linda Kolasinski, Daniel Limon, DeeDee Magri, Pat Nuernberg. Happy Birthday! to you all.



We could find no anniversaries for January in the Redbook, but if we missed you, Happy Anniversary anyway!

Enhydros

by Julian C. Gray

From the *Gem and Mineral Journal*, 6/04, via *The Rock*, 5/04

Mineral dealers at rock shows will occasionally offer specimens labeled enhydros for sale. What they are selling are typically quartz crystals with liquid inclusions. Within the liquid is a tiny bubble, and if you tip the crystal back and forth the bubble will move. The dealers will often circle the bubble, and if you cannot find the bubble, the dealer will spend a lot of time searching with you. Most require that you use a magnifier. So what are these things? First of all, they are fluid inclusions, not enhydros, and they are also much more common than you might imagine. I will define both, but here is how fluid inclusions form. Minerals grow by adding elements to the surfaces, edges, and corners. Quartz crystals grow in many environments, but they

commonly form by growth out of a hydrothermal solution—hot ground water containing dissolved silica. Growth rates and mechanisms are complex subjects, and some scientists spend years on this single area of research. It is enough for our purposes here to know that different parts of a single crystal or crystal face can grow at different rates. When this happens, microscopic pits develop in the crystal faces. They become vessels for our bubble bearing liquid. Think of the hopper-shaped halite of copper crystals that you've seen or those deep cavities on the faces of some Brazilian quartz. As the crystal grows larger, the next layer or several layers of crystal growth can cover these pits, trapping the liquid within the crystal in the process. Now the fun begins! When a liquid is heated it expands; when it cools, it contracts. Solids like quartz also expand and contract, but to a much smaller rate. An everyday example of expanding and contracting liquids is the liquid in a glass thermometer. The glass in the thermometer also expands and contracts, just not nearly as much as the mercury of colored alcohol in the tube. When our quartz crystal is finished crystallizing, it cools down (and so does the liquid in the inclusion). The cooling liquid contracts and may pull away from the sides of its quartz container forming a vapor bubble. Scientists call these trapped liquids and their bubbles fluid inclusions. They are quite common and very fascinating. The white color of milky quartz is due to thousands or perhaps millions of microscopic fluid inclusions. Gemologists see inclusions when they look at certain gemstones (emerald is a good example) with a microscope. The liquid is not always water. A common fluid in ore forming processes is salty water. Hot water can dissolve a lot more salt than cold water and inclusions trap this hot salt water. When the salt water cools and contracts, it too forms a bubble. But another interesting thing happens; because the water has cooled down it can no longer hold as much salt as it did when it was hot. The salt begins to crystallize out as a halite crystal within the fluid, which in turn is trapped in the quartz crystal. Imagine peering into a microscope and seeing an inclusion with a tiny vapor bubble and microscopic halite crystals. Enhydros are scientific curiosities; fluid inclusions are a scientific research tool. It's sort of like the fluid equivalent of the difference between a rock and a mineral. It is incorrect to label a mineral with a fluid inclusion as enhydros. A label calling attention to the fact that a mineral bears fluid inclusions is correct and should even increase the value of a specimen because of the scientific value and unique circumstances under which these are formed. Now get busy changing those labels!

Enhydros: References: Bates, R.L., and Jackson, J.A., 1987, Glossary of geological Terms—Third Edition: American Geological Institute, Alexandria, VA, p.788 Matsui, E., Salati, E., Marinin, O.J., 1974, CIHand 180/160 ratios in water contained in geodes from the basaltic province of Rio Grande del Sul, Brazil: Geological Society of America Bulletin, V. 85, p577-580.

Roedder, E., 1962, "Ancient fluids in crystals" Scientific American, Vol. 207, p38-47. Roedder, E., 1972, The composition of fluid inclusions: U.S. Geological Survey Professional Paper 440. j.164p Roedder, E. 1984, Fluid Inclusions: Mineralogical society of America reviews in Mineralogy Vol. 12, 646p. Santa Clara Valley Gem and Mineral Society San Jose, CA Breccia November, 2008 13

Orcutt Mineral Society General Meeting Santa Maria Terrace, Santa Maria, Ca. December 12, 2009

President Debbie Hood called the meeting to order at 12:20 p.m.

Mike Henson gave the invocation.

Debbie Hood led the flag salute.

President Hood noted the absence of quite a few members who had planned to attend.

Don Nasholm was in the emergency room with intestinal pain, Sandy Berthelot had a case of food poisoning, Joseph Martinez had the H1N1 flu, and Paulette Mireles was unable to be here as her mother was ill. Dave Sumpter, our former Chaplin, passed away at the age of 99. Marshall Brandon, the silversmithing teacher at the senior center, passed away from complications due to a stroke.

Debbie welcomed guests Ophelia Bondio, Joe Azevedo and Velvedean Elder and thanked them for attending.

Treasurer's report: Wes Lingerfelt gave the treasurer's report. It was accepted as given. He read the proposed 2010 budget. Elaine Von Achen made a motion to accept the proposed budget. Jan Ferguson seconded the motion. Motion passed. Wes extended thanks to the members for again electing him as treasurer for the coming year. He noted that we need to remove Wayne Mills from being able to sign checks with Rabobank and that we need to add incoming president, Sylvia Nasholm. Wayne Mill made a motion that we make those changes with Rabobank. Lucky Virgin seconded the motion. Motion carried.

President Debbie Hood gave a review of 2009. In brief; scholarships continued with the club giving two scholarships totaling \$1,500. Our annual gem show was a huge success and special thanks went to Joe Martines for the fine job he did in the Snack Bar. She thanked Wes for being the "Go To Guy" and for all he does to keep the club running smoothly. We again donated \$500.00 to Social Services to help children who are not in their homes. Wes Lingerfelt and Wayne Mills continued with their talks to schoolchildren in the area as part of our Education Program. We sent

donations of soup labels to the Sun Valley Indian School this past year for their fund raising efforts. Members cleaned up the stretch of highway OMS is responsible for and they did this on an every other month basis. We had award-winning authors in our newsletter this year and Debbie thanked everyone who contributed. Special thanks went to Wes for helping her get the newsletter out and to Wayne for all of the articles he writes. We again donated to the Salvation Army food from our annual food drive as well as a monetary donation. We had quite a few field trips planned by Bob Bullock and thanks went to Sylvia Nasholm for the quality and variety of our programs this past year. She noted that the Door Prize activity did quite well. Debbie thanked the officers and board for their hard work. All in all 2009 was a successful year.

Debbie announced that Don Dana has agreed to chair the committee looking in to obtaining a workshop building.

Wes asked for a motion to donate \$100.00 in honor of Dave Sumpter to the endowment fund so his name will appear on the endowment plaque. Wayne Mills made a motion to donate the \$100.00 for Dave. Debbie Hood seconded the motion. Motion Passed.

We had a partial installation of officers as so many were absent. Installed were Sylvia Nasholm, President, Wes Lingerfelt, Treasurer, Elaine Von Achen, Secretary and Board Members, Don Dana, Mike Henson and Jan Ferguson.

New President, Sylvia Nasholm thanked members for electing her as their President. She noted that she will be asking for volunteers for various committees.

Debbie Hood gave away the poinsettias that were being used as table decorations.

We had a gift exchange hosted by Sylvia Nasholm.

Meeting was adjourned.

Respectfully submitted:

Elaine Von Achen, Secretary, OMS

Orcutt Mineral Society Board Meeting Elwin Mussell Sr. Center, Santa Maria, Ca. 93454 December 1, 2009

President Debbie Hood called the meeting to order at 7:00 p.m.

Members present were Wes Lingerfelt, Debbie Hood, Gloria Dana, Jan Ferguson, Sylvia Nasholm, Wayne Mills, Mike Henson, Elaine Von Achen, Sandy Berthelot and Sharon Duncan. Guests included Bill Hood, Jeannie Lingerfelt and Paul Berthelot.

Minutes: Minutes from the November Board Meeting were printed in the December 2009 newsletter and approved as printed.

Treasurer's report: Wes Lingerfelt gave the treasurer's report. It was accepted as given. Wes also read the proposed budget for 2010. Wayne Mills made a motion to accept the budget as presented and to recommend the budget to the general membership. Jan Ferguson seconded the motion. Motion passed.

Correspondence: Elaine Von Achen reported newsletters received from South Orange County Gem & Mineral Society, The Sun Valley Indian School and the San Geronio Mineral & Gem Society. Elaine also noted an advertisement from the Achievement House for "Mailing Plus More" and a Christmas card from The UPS Store in Nipomo.

Committee Reports:

Abused Children's Fund: Jan Ferguson noted that gift cards had been purchased and given to the Department of Social Services.

Annual Luncheon Meeting: We have approximately 47 people attending. Wes Lingerfelt has agreed to purchase the poinsettias for the tables and the stage.

Annual Gem Show: None.

Breakfast: The next breakfast will be held in Grover Beach at the IHOP Restaurant on the 23rd of January.

Bulletin: The bulletin is out on the web and mailed bulletins went out on Dec. 1, 2009.

CFMS: None.

Education: None.

Field Trip: None.

Highway Clean-up: The next clean-up will be held January 30, 2010. Members will meet at Highway 101 and 166 at 8:00 a.m.

Library: None.

Membership: Elaine Von Achen read applications for membership from William Brown and from Jeannie Watkins-Brown. Wayne Mills made a motion that the Brown's be accepted as new OMS members. Debbie Hood seconded the motion. Motion passed.

Scholarships: Wayne Mills said that he and Elaine Von Achen attended a reception put on by Allan Hancock College for Scholarship Donors on November 12th. It was a very nice reception with lots of good wine and hors d'oeuvres. Wayne also noted that he had received a request from Hancock for the coming year's scholarship. Wes said he will send a check for \$700.00 in the coming year.

Sunshine: Al Wilcox fell and received a head injury. He is currently in a board and care facility. Marshall

Orecutts- Newsletter of the Orcutt Mineral Society

Brandon suffered a stroke. He teaches silver smithing at the Senior Center.

Old Business:

Debbie Hood noted that we are still looking for a chairman for the shop committee. She also noted that we are still looking for someone to lead the Junior's program.

It was noted that the accounting for the door prize activity needs to be turned in.

New Business:

Wes Lingerfelt said the website has been up-dated with "FOR SALE" items and that our inventory for Tee Shirts is quite low. Sharon Duncan has agreed to look into the purchase of tee shirts to round out the supply of items for sale.

Wayne Mills reported that we will be renting club tables to the San Luis Obispo High School and they will pay us \$30.00 for gas, as we will deliver and pick-up, and \$120 for the table rental. He made a motion that the \$120.00 be given to the Abused Children's fund. Jan Ferguson seconded the motion. Motion passed.

Wes has cans that are ready to be turned in and it was agreed that profits from the cans will go into the Abused Children's fund this time.

January's general meeting program will be given by Flint Knapper Brian Schull.

The display for January will be Blue Rocks.

The meeting was adjourned by President, Debbie Hood at 8:05 p.m.

Respectfully submitted:

Elaine Von Achen, Secretary, OMS

Shop Helps

If you follow these steps, you should not have problems with your stone adhering to the dop wax.

First, the stone must be completely clean and oil free. Use soap and water or acetone or lacquer thinner to remove oil from the stone. Your cleaning method will depend on the type of cutting fluid, type of stone, and the stone's porosity. After cleaning, water should not bead up on the stone, indicating the stone is completely oil-free.

Choose a dop stick that is as large as possible to use with your stone. The dop stick diameter should be at least 50 percent of the diameter of the stone. 75 percent is better. This gives more area for adhesion and also minimizes bending forces on the dop wax.

Next, the stone must be heated for wax to stick. Are

you heating the stone before putting it on the hot wax? That is a critical step. Put the stone on the flat surface of the wax heater; face down, with a small bit of wax on the backside of the stone. When the small bit of wax starts to melt, the stone is hot enough to dop properly.

Now, dip the dop stick in the hot wax, gather a good-sized glob of wax and press it onto the back of the stone. Center the stick as accurately as possible on the back of the stone, and align it perpendicular to the rear of the stone.

The stone is very hot now, so be careful. As you lift the stone off the heating area, hold the stick straight up, and you will be able to manipulate the stone to get it centered and at a perfect right angle to the stick. Wet your fingers and form the wax into a fillet around the base of the stone, giving more support.

Blow on the stone and wax to cool it off. The wax will harden rapidly.

After the wax is no longer soft, set the dopped stone aside and let it cool further.

When the stone has cooled to room temperature, apply medium pressure on it with your fingers, to verify adhesion. If the stone has been dopped properly, it will not come off the stick easily.

After the stone is completely finished, I have found the best way to remove the dop stick is to place the stone in the freezer for about 5 minutes. The stone and the wax have different rates of thermal expansion, and when the wax and stone are cooled, stress is placed on the wax, which loosens it. After 5 minutes in the freezer, the stone should pop off the end of the dop stick with finger pressure.

I hope this helps you out.

Saturday January 16, 2010 8:00 am to 5:00 pm	Field Trip: See Canyon. Meet at Mussell Senior Center. For information call Bob Bullock at 928-6372.
Saturday January 23, 2010 8:15 a.m. to 9:15 .	OMS Monthly Breakfast- The Girls Restaurant at 1237 E Grand Ave., Arroyo Grande. For Info cal Sylvia Nasholm at 481-0923.
Saturday January 30, 2010 8:00. to 10:00 a.m.	Roadside Clean up After the cleanup, coffee and pastry at "Francisco's Country Kitchen" in Santa Maria.
February 2010 Calendar	
Tuesday February 2, 2010 7:00 – 8:00 p.m	OMS Board Meeting Mussell Senior Center. All members are welcome at this business meeting.
Tuesday February 9, 2010 7:00 to 9:00 p.m	OMS General Meeting Elwin Mussell Senior Center. <ul style="list-style-type: none"> • Program- • To Be Announced • Display-Heart-shaped rocks • Refreshments Pie
Saturday, February 20, 2010 8:00 a.m. to 5:00 p.m.	Field Trip Willow Creek, meet at Mussell Senior Center. Bring lunch and water.
Saturday, February 23,2010 8:15 to 9:15 a.m.	OMS Monthly Breakfast-To Be Announced

CFMS SHOWS 2010

January 16-17 2010, Exeter, CA

Tule Gem & Mineral Society
Exeter Memorial Bldg.
420 N Kaweah (Hwy 65), Exeter
Hours: Sat. 10 - 5, Sun. 10-4
Pepper Okada (559) 733-5842
Don Vieira (55(0 733-7739
Webpage: tulegem.org

February 12-21, 2010, Indio, CA

San Gorgonio Mineral & Gem Society
Riverside County Fair & National Date Festival
Gem amp;& Mineral Building Bldg #1
46-350 Arabia Street
Hours: 10 am - 10 pm
Bert Grisham: (915) 849-1674
Email: bert67@verizon.net

February 26-27 2010, Northridge, CA

Del Air Rockhounds Club
United Methodist Church
9650 Reseda Blvd. (at Superior St.)
Hours: Fri. 3 p.m. -9:30 p.m. - Sat. 10-5

January 2010 Calendar	
Tuesday January 5, 2010 7:00 to 8:30 p.m	OMS Board Meeting- All members are welcome at this business meeting.
Tuesday January 12, 2010 7:00 to 9:00 p.m	OMS General Meeting- Elwin Mussell Senior Center. <ul style="list-style-type: none"> • Program Brian Schull on Flint knapping • - Display-Blue Rocks • Refreshments-Do-Nuts

Julie Marin (818) 886-7190

Website: <http://delairrockhounds.blogspot.com>

March 5-6-7 2010, Newark, CA

Mineral and Gem Society of Castro Valley
Newark Pavilion
6430 Thornton Avenue, Newark, CA 94560
Hours: Fri & Sat. 10-6; Sun. 10-5
Lary Ham (510) 887-9007
Email: showchair@mgscv.org
Website: www.mgscv.org

March 6-7 2010, Arcadia, CA

Monrovia Rockhounds, Inc.
Los Angeles Co. Arboretum & Botanic Gardens
301 Baldwin Ave.
Hours: Sat. & Sun. 9-4:30
Jo Anna Ritchey (626) 359-1624
Email: vgms_editor@roadrunner.com
Website: www.Moroks.com

March 6-7 2010, Ventura, CA

Ventura Gem & Mineral Society
Seaside Park, Ventura Co. Fairgrounds
10 W. harbor Blvd.
Hours: Sat. 10-5; Sun. 10-4
Andy Anderson (805) 987-0043
Email: vgms_editor@roadrunner.com
Website: vgms.org

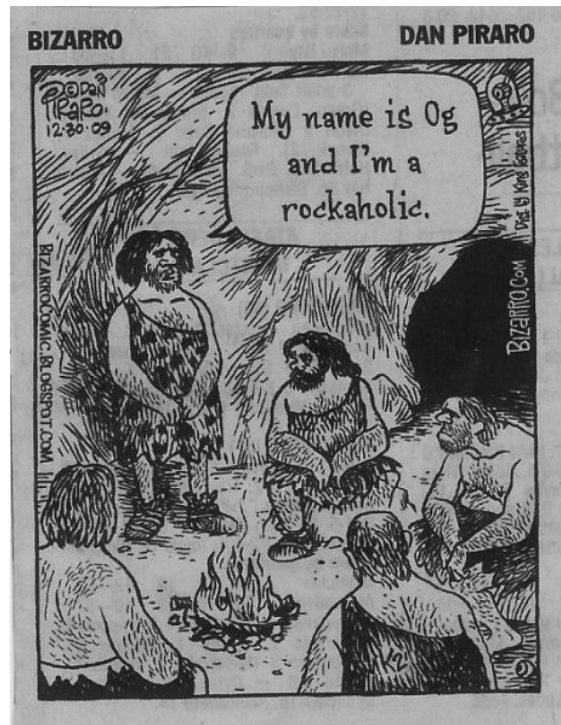
March 13-14 2010, Spreckels, CA

Salinas Valley Rock & Gem Club
Veteran's Memorial Hall
5th & Liano Streets
Hours: 10-5 daily
Ernie DeFever (831) 422-3422
Email: minimad64@comcast.net
Website: salinasrockandgem.com

March 13-14 2010, Turlock, CA

Mother Load Mineral Society
Stanislaus Co. Fairgrounds
900 N Broadway
Hours: Sat. 10-6 Sun. 10-5
Bud & Terry McMillin (209) 524-3494
Email: terry.mcmillin@yahoo.com
Website: www.turlockgemshow.com

Dues are due and must be paid by the March meeting to be included in the Redbook. \$24.00 for Individual, \$34.00 Per Couple, \$ 5.00 Each Additional Family Member, \$ 5.00 Juniors under age of 18, \$10.00.



This cartoon appeared in the Tribune 30 Dec 2009.

New Years Resolutions

By Debbie Hood

It's that time of the year again, when we start a new year with all sorts of resolutions to lose weight, get fit, exercise more, be kind and patient with your spouse and all kinds of other stuff we know we're never gonna do. Well, how about some resolutions that you *can* keep?

Resolve to be more active in the club, volunteer for a committee (that doesn't mean you have to be in charge, just help on the committee,) submit an idea for an improvement or some new thing we could do, attend more meetings, attend an occasional board meeting, write an article for the newsletter, bring some of your rocks to a meeting for all of us to see, develop a program you can give to the club, find a speaker for a club meeting, go on more field trips, come to more breakfasts. These are all *fun* things that you are much more likely to stick with anyway, so why waste your time trying to break those old, comfortable habits when you can make some new, fun ones? And you are *much* more likely to be successful at keeping these new habits, increasing your self-confidence, making your teeth gleaming white, your hair thick and beautiful your figure svelte, and making your whole life richer and more worthwhile. Well, more fun anyway.

Field Trip Schedule 2010

January 16th 8:00 am – 5:00 pm	Field Trip to See Canyon- Meet at Mussell Senior Center Lot, or at The Bob Jones Trail Head for a gather-up, then on up to See Canyon for brecciated jaspers and such. Contact Bob Bullock at 928-6372 for details.
February 13th 8:00 am – 5:00 pm	Field Trip to Willow Creek- Meet at Mussell Senior Center Parking Lot. Observational trip to a classic location. Bring a Lunch and water. Some hiking required. Contact Bob Bullock at 928-6372 for details.
March 13th 8:00 a.m. – 5:00 p.m.	Field Trip to Carrizo Springs- Meet at Mussell Senior Center Parking Lot. Trace the San Andreas Fault from Highway 166 north through the Carrizo Plains to Soda Lake. If we are lucky, we'll hit the highlights of wildflower bloom. Bring lunch and water. Short hikes possible. Contact Bob Bullock at 928-6372 for details.
April 17th 8:00 a.m. – 5:00 p.m.	Field Trip to Figueroa Mountain- Meet at Mussell Senior Center parking lot. Explore old jasper trails, serpentine outcroppings, and wildflowers in full bloom. Fill your gas tank (no services on the mountain,) and bring a lunch and water. Adventure pass required. Contact Bob Bullock at 928-6372 for details.
May 15th 8:00a.m. - 5:00pm.	Field trip to Avila Beach - Meet at Mussell Senior Center parking lot. Enjoy a warm spring day on the beach collecting Deedeeite. Bring lunch, water and a good eye for the local odd stuff. Easy access to an excellent collecting area. Contact Bob Bullock at 928-6372 for details.
June 12 th 8:00a.m. - 5:00p.m.	Field Trip to Jalama Beach- Meet at Mussell Senior Center parking lot. Spend a summer day at the beach collecting agate, travertine and fossils. Bring a lunch and water. Can be very windy. Contact Bob Bullock at 928-6372 for details
July 17th 8:00 am – 5:00 pm	Field Trip to Santa Barbara Natural History Museum- Meet up At Mussell Center. Bring your lunch and cameras. Contact Bob Bullock at 928-6372 for details
August 14th 8:00 am – 5:00 pm	Field Trip to Los Padres Forest (Remember that it's antler hat day for the wives)- Meet at Mussell Senior Center parking lot. Explore a local private ranch with an interesting green chert deposit and fossil shells. Accessible for 2 wheel drive vehicles and no hiking required. Bring lunch and water. Contact Bob Bullock at 928-6372 for details.
SEPT. TO BE ANNOUNCED	If you have a suggestion/request for this month, please contact Bob Bullock at 928-6372 to discuss it with him.
October 16th 8:00a.m. - 5:00pm or later	Field Trip to Clear Creek or what we can drum up- Meet at Mussell Senior Center parking lot. A <u>long</u> day to hunt in a prized California gem collecting area. We can find botryoidal jade, orbicular pieces of jasper, chatoyant material, serpentine, cinnabar and turtle jade. Bring lunch and water, sturdy shoes for short hikes. We'll eat dinner at a restaurant on the way home. Contact Bob Bullock at 928-6372 for details.
November 13th 8:00a.m. - 5:00pm	Field Trip to Avila, Caucus, and Morro Bay- Meet at Mussell Senior Center parking lot. Observational trip to classic locations. Bring a lunch and water. Some hiking required. Contact Bob Bullock at 928-6372 for details.
December 18th 8:00a.m. -5:00pm	Field Trip to Refugio and Gaviota- Meet at Mussell Senior Center parking lot. Entrance fee required for an all-day pass covering both parks. Bring a lunch and water. Contact Bob Bullock at 928-6372 for details.

What to take on a field trip: a collecting bucket and wrapping materials for delicate specimens at that site, rock hammer and any other tools needed at the site like pry bars or gads, map of the area, food, water, cell phone, sunscreen, hat, first aid kit, snake bite kit, pocket knife and your *common sense*. It is best to wear layers of clothing that can be added and removed to suit the temperature, and heavy shoes or boots to protect your feet from injury. Bring anything you personally may need such as medicines due while on the trip, or a cane if you need one, a book to read, whatever you might need. Don't forget your sense of adventure, good nature, good manners, respect for the law, cooperation, good sense and sense of humor. Have fun and HAPPY HUNTING!

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

OMS Membership \$24.00 for Individual, \$34.00 Per Couple, \$ 5.00 Each Additional Family Member, \$ 5.00 Juniors under age of 18, \$10.00. One time initiation fee for new members.

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ADDRESS CORRECTION REQUESTED



ORE-CUTTS (named after, William Orcutt) was published in 1966. Member Helen Azevedo was the first editor Orcutt Mineral Society was founded in 1958, and was named after William Orcutt, 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. The La Brea Tar Pits are one of the most significant fossil finds in paleontological history. The OMS is a non-profit club dedicated to stimulating an interest in the earth sciences. The club offers educational programs, field trips, 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

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