

Monthly Newsletter of the *Kern County Mineral Society (KCMS)*

President's Message

James May – KCMS President 2022



The KCMS continues to be going strong and the next big event on the horizon is the June Potluck and Action (Thursday, June 16th at 6 PM). This has always been a fun and beneficial event for the Club. The hope is all of you can attend and hopefully bring a friend who likes collecting unique Earth masterpieces. We have several items from the Lea Leman Collection that are going to be auctioned off, but please bring an item of two that you don't mind putting up for auction. It doesn't necessarily need to be rock related. In addition, we have the potluck which gives you time to enjoy some good food, visit with fellow Club members, and walk around and check out the items up for auction. There will be no business discussed at the meeting.

Steve and Connie were kind enough to host the second installment of the Rock and Lapidary Workshop the last Saturday in May. We had a good number of members show up to cut slabs and work on cabochons. The weather was perfect, and we all had a great time. Our next workshop is scheduled for Saturday, June 25th from 9:00 AM till Noon. To complement the work on the lapidary equipment, David Schaad is going to be hosting a wire - wrapping session inside. For those who have already invested the time in making cabochons, this will give you a good opportunity to wire wrap and produce a final beautiful product.

On the field trip front, we are scheduled to meet out at Jalama Beach on Saturday, July 16th. We plan on hosting a potluck along with great collecting along the beach. Jalama Beach is in Santa Barbara County near Lompoc. It is a great location for collecting various jaspers, agates, petrified wood, and hopefully some cetacean bone.

The Kern County Fair is right around the corner. We would like to commence filling the grab bags. Julie Wade was kind enough to sewn up 200 bags for the Club and we just need to select a couple of Saturdays in July to begin the preparations for the Fair. We will have a signup sheet with a couple of proposed dates at the upcoming General Membership meeting. We could use your help.

Anita and Michael have done a tremendous job working on our KCMS Facebook page and KCMS website. If you have not had a chance to look over the website, please do, as there is a lot of good information, stories, and pictures posted. We also have been gaining a lot of interest through Facebook from individuals in the community who are interested in joining the KCMS.

We have decided to have our General Membership meetings in July and August to keep the momentum going strong. In the past, the KCMS would "go dark" in July and August but we have decided to keep the club going all year long. We tried this out last year and thanks to the kindness of Jack Stewart we were able to host our meetings at his church. The August meeting will be particularly important because the Kern County Fair is right around the corner. If you have an interest in helping at the Fair this year, please try and attend this meeting. We will also plan on having guest speakers for our meetings as well.

I would like to thank all of you that have contributed to the great success of the KCMS. Without your continued efforts we would not see the continued success that our Club is having. Again, thank you! --- James



**ANNUAL ROCK AUCTION TO BENEFIT THE
KERN COUNTY MINERAL SOCIETY
Thursday, June 16th, at 6:00 PM
East Bakersfield Veterans Hall**



Please join the KCMS for our Annual Potluck and Rock Auction at our upcoming General Membership meeting. We will have our potluck from 6:00 till 7:00 PM followed by the Rock Auction. We have a number of unique items from the Lea Leaman Collection to auction off but please bring an item or two to the Rock Auction. All monies collected help benefit the KCMS.

Also, please visit our website to see some of the unique items we will be auctioning off. The website is at <http://kerncountymineralsociety.org/trips--activities.html>



Upcoming General Membership Meeting

➤ **Thursday, June 16th at the East Bakersfield Veterans Hall at 6:00 PM**

**GENERAL
MEETING**



The next KCMS Rock and Lapidary Workshop

➤ **Saturday, June 25th**

Steve and Connie's House @ 9:00 A.M.

(Workshop will close at Noon)





Next Field Trip
Saturday, July 18th
Jalama Beach
Potluck and Rock Collecting Adventure
Meet at 7:30 AM at Harbor Freight





The Rock and Lapidary Workshop

Saturday, May 28th









**UPCOMING ROCK, MINERAL, AND GEM SHOWS****UPCOMING ROCK AND MINERAL SHOWS –SUMMER 2022****July 16-17, 2022 – Culver City, CA**

Culver City Gem & Mineral Society

Fiesta of Gems

Veterans Memorial Auditorium, 4117 Overland Ave., Culver City, 90230

Hours: Saturday 10 AM – 6 PM, Sunday 10 AM – 5 PM

36 vendors plus exhibits, demos, workshops and games. Fun for the whole family – Free admission and free parking.

Contact: BradSmithJewelry@gmail.com

Website: <http://CulverCityRocks.org/fiesta.htm>**August 5-7, 2022, Nipomo, CA**

Orcutt Mineral Society

Nipomo High School, 525 N. Thompson Ave., Nipomo, CA 93444

54th Annual Rainbow of Gems Show & Sale – “OMS Rocks the Central Coast”

Hours: Friday & Saturday 10 AM – 5 PM, Sunday 10 AM – 4 PM

Contact: nipomocowgirl55@yahoo.com

Website: <http://omsinc.org>**August 6-7, 2022, Roseville, CA**

Roseville Rock Rollers Gem and Mineral Society

@the Grounds, Roebelen Event Center, 700 Event Center Dr., Roseville, CA 95678

Hours: Saturday 10 AM – 5 PM, Sunday 10 AM – 4 PM

Contact email: gloriarosevillerockrollers@gmail.com

Website: <https://www.rockrollers.com/index.html>**August 20-21, 2022 – Arcadia, CA**

Pasadena Lapidary Society

“Inspiration Unearthed”, 62nd Annual Tournament of Gems

Arcadia Masonic Center, 50 W. Duarte Rd., Arcadia

Hours: Saturday 10 AM- 6 PM, Sunday 10 AM – 5 PM

Contact: Ellen Ferrell 1-727-512-0381

Email: ellenbf2007@aol.com

KCMS CLASSIFIEDS

KCMS is proud to announce the addition of a Classified Ads Section to the Pseudomorph Newsletter!!

Calling on all members who have any items that they want to sell or those looking to buy.

**Rocks, Minerals, Rock Saws, but that's not all!!
We will also accept Lawn Equipment,
Electronics, Homemade Crafts, etc.**

The Pseudomorph Classifieds will not be limited to only rock & mineral related items, but to any items members are looking to sale.

When making a classified ad for the newsletter be sure to include:

- Description of Item
- Asking Price
- Contact Information
- Picture(s)

Pictures are not necessary but will be added if provided. Please send photographs in JPEG (.jpg) format if possible.

Classified Ads for the Pseudomorph are due to the editor no later than the first Thursday of each month, via Email or by U.S. Mail.

James May, Editor
Email geojim9@hotmail.com

If you have any ads you want added to the next Pseudomorph, please email me the details and I will post.

Don't Forget the BREAKFAST CLUB

The first Wednesday of each month, year-round, KCMS Members and occasional guests meet at 8:30 AM at Lorene's Coffee shop at 23rd and Eye streets in downtown Bakersfield. Everybody is welcome to attend!
-- Dalia Hernandez





KCMS Monthly Meeting

Please join the KCMS at 6:00 p.m. on Thursday, June 16th at the East Bakersfield Veterans Hall located at 2101 Ridge Road in Northeast Bakersfield. We hope you can attend, and visitors are always welcome.



Kern County Mineral Society

is a Charter Member of the California Federation of Mineralogical Societies

and is affiliated with the American Federation of Mineralogical Societies



The Kern County Mineral Society, Inc. was organized in 1935 to promote the study of mineralogy and allied earth sciences, to collect and study minerals and rocks, to study and practice the techniques of jewelry making, to promote good fellowship and good citizenship and to promote education in the earth sciences. Membership dues are; \$20 for singles, \$25 for couples.

KCMS WEBSITE: <http://www.kerncountymineralsociety.org/>

Pseudomorph Subscriptions

The Pseudomorph is published 10 times a year (September through June) by Kern County Mineral Society, P.O. Box 12305, Bakersfield, CA, 93389-2305. Subscription included with Membership. Non-members \$5.50 per year, Jan. thru Dec., not prorated.

KCMS will email a free .pdf subscription to any high school, college, or university student who wishes to receive it. Just email a request to geojim9@hotmail.com

Articles for *The Pseudomorph* are due to the Editor no later than the first Thursday of each month, via Email, via Facebook, or by US Mail. Please send photographs in JPEG (.jpg) format if possible, and text as Notepad, Word, or other simple text for me to paste and edit.

James May, Editor
Email geojim9@hotmail.com

Facebook: Kern County Mineral Society

Articles in this publication may be reprinted if attribution is given to the author and to *The Pseudomorph, Monthly Newsletter of the Kern County Mineral Society.*



KCMS Officers 2022

President
James May
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Vice President
Connie Fleishauer

Secretary
Anita Anderson

Treasurer
Dennis Huggins

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Pseudomorph Editor
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geojim9@hotmail.com

Curator
Steve Fleishauer

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Sergeant at Arms
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Committee Chairs 2022

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Scholarship
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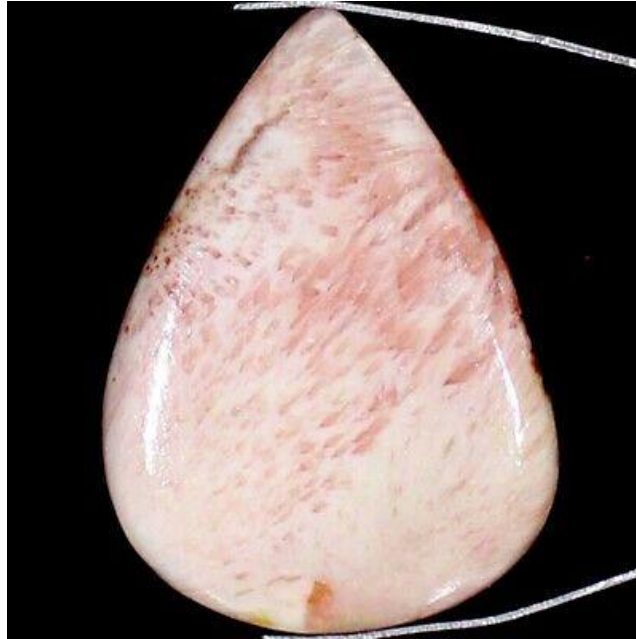
Door Hostess
Kay Hevle

Facebook Editor
Anita Anderson



FUN, GAMES, & FIELD EXCURSIONS

GUESS THIS MONTH'S MYSTERY CABACHON



Here is this month's mystery slab. Please submit your answer to geojim9@hotmail.com. Each month's winner will be placed in a drawing at the end of the year for a special prize. Last month's winner was Connie Fleishauer who correctly identified the slab as Zebra Stone. Nice research Connie.



Monthly Science Topic
The Summer Solstice
June 21, 2022
The First Day of Summer



What is the summer solstice?

The summer solstice is when the Sun reaches its highest point in the sky, and here in the northern hemisphere, that results in the longest day of the year. We are quickly approaching that day of June 21st. The solstices (and equinoxes) are the result of Earth's tilt and its orbit around the Sun. The Earth's axis of rotation is tilted by around 23.4 degrees relative to its orbit around the Sun. This means that during the summer solstice, the northern hemisphere is at its maximum tilt towards the Sun, resulting in the longer daylight hours. Similarly, during the winter solstice, the northern hemisphere is tilted furthest away from the Sun. To put it simply, when one of the poles is tilted more towards the Sun, that hemisphere receives more sunlight than the other hemisphere, giving us summer.

If the Earth were not tilted, the Sun would remain directly above the Earth's equator for the entire year. This means we wouldn't have seasons as we know them, although we may have "*climate zones*". The summer solstice is not necessarily the hottest day, which typically occurs during July or August in the Northern Hemisphere. It takes a bit of time for that solar radiation to warm the northern hemisphere and the high specific heat capacity of the water in our oceans.

Picture Source: Getty Image Article: BBC, Holly Spanner, June 14th, 2022