

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

### President's Message

#### James May – KCMS President 2022



Spring has arrived with the azaleas in full bloom and field trips scheduled before the weather gets too hot for rock collecting. We have several exciting events scheduled for April and Early May, but first I would like to review March's activities. Thanks to everyone who helped at the Wind Wolves 7<sup>th</sup> Annual Spring Festival. Please review the pictures in this month's Pseudomorph. It was very nice to return to the Spring Festival and interact with the members of the community. A great number of individuals visited our booth and were especially drawn to David Schaad's cabochon making/wire wrapping demonstration. Dennis Huggins also had his fluorescent mineral display.

Additionally, thanks also to those who attended Bill Leslie's Funeral Service on Thursday, March 31<sup>st</sup> at Hillcrest Memorial Park. Bill Leslie was a member of the KCMS since 1986 and made great contributions to the growth and prosperity of the KCMS. He was a great individual, had many good stories to tell, and was instrumental in getting many of us interested in rock hounding. Bill lived a full 91-year life and was married to his wife Mary Jean for 70 of those years. Bill will be truly missed.

Now to the April schedule. This upcoming Thursday, April 21<sup>st</sup> please join us for the CSUB Geology Department Stipends Award Ceremony. The two recipients for 2022 include Hector Zavala and Conner Lesh. Each has graciously agreed to give a 10- to 15-minute presentation on their journey to becoming geologists and their upcoming field camp destination. Please join us for the next General Membership meeting to honor these two deserving students. The Taft College Geology Scholarship will be awarded during the May G.M.

Please join us for the Grand opening of the KCMS Lapidary Workshop at Steve and Connie Fleishauer's house on Saturday, April 30<sup>th</sup> at 9:00 AM. Thanks to the recent purchases of equipment and donations from Club members, the Lapidary Workshop looks fantastic and should provide hours of lapidary creations for all KCMS members. If you have a special rock you want to cut and polish and work into a cabochon, the workshop will be an excellent starting point for you.

Bernie has scheduled a fantastic three-day weekend overnight excursion out to the Mojave Desert on the weekend of April 22<sup>nd</sup>. We will be visiting five different locations near Ludlow, including the lava tubes at Pisgah Crater, and trying to locate the Spider Web Jasper location. The weather looks to be in the low 80's and the winds should be dying down allowing us the perfect opportunity to collect rocks and minerals. This will likely be our last excursion into the desert for a while, so I hope you will all attend.

The Antelope Valley Club will be hosting the California Federation of Mineralogical Societies (CFMS) annual show on May 6<sup>th</sup> – 8<sup>th</sup>. The show will be held at the Antelope Valley Fairgrounds, which will provide you an excellent opportunity to build on your rock and mineral collection.

If you haven't had a chance, please look over the new KCMS website that Michael has been working on - <http://www.kerncountymineralsociety.org> Michael has done fabulous work with the site, and I encourage you to check it out. --- James



**Upcoming General Membership Meeting**

➤ **Thursday, April 21<sup>st</sup> - East Bakersfield Veterans Hall at 7:00 PM**

**GENERAL  
MEETING**



**Next Workshop**

➤ **Saturday, April 30<sup>th</sup>**

**The Fleishauers House @ 9:00 A.M.**

**Grand Opening of The KCMS Workshop**



**Next Field Trip**

**April 22<sup>nd</sup> through April 24<sup>th</sup>**

**Ludlow (Mojave Desert)**

**Overnight Camping**

**Meet at 8:00 AM at Harbor Freight on April 22<sup>nd</sup>**



## Buena Vista Museum

### 1801 Chester Ave in Downtown Bakersfield

### Events Calendar



Thursday, April 21<sup>st</sup>  
On-line Virtual Event

#### **Meet the Expert, Biology Dr. Rae McNeish**

Ever wonder how much plastic is in your seafood? Discover how human activities play a critical role in the interactions between terrestrial and freshwater ecosystems, as well as the effects of plastic pollution on rivers and animals.

#### Time & Location

Apr 21, 5:30 PM – 6:30 PM PDT

Online Virtual Event

About the Event

Only one ticket reservation necessary per family/group

Dr. Rae McNeish will help us discover how human activities play a critical role in the interactions between terrestrial and freshwater ecosystems, as well as the effects of plastic pollution on rivers and animals. Learn how research into plastics in the environment can be used to create a framework for managing plastic pollution in terrestrial and freshwater habitats.





## TABLE OF U.S. STATE MINERALS, ROCKS, STONES, AND GEMSTONES

STATE	MINERAL	ROCK	GEMSTONE
1. Alabama	Hematite (1967)	Marble (1969)	Star Blue Quartz (1990)
2. Alaska	Gold (1968)	-----	Nephrite Jade (1968)
3. Arizona	Wulfenite (informal)	-----	Turquoise (1974)
4. Arkansas	Quartz (1967)	Bauxite (1967)	Diamond (1967)
5. California	Gold (1965) <i>The Golden State</i>	Serpentinite (1965)	Benitoite (1985)
6. Colorado	Rhodochrosite (2002)	Yule Marble (2004)	Aquamarine (1971)
7. Connecticut	Almandine garnet (1977)	-----	-----
8. Delaware	Sillimanite (1977)	-----	-----
9. Florida	-----	Agatized coral (1979)	Moonstone (1970)
10. Georgia	Staurolite (1976)	-----	Quartz (1976)
11. Hawaii	-----	-----	Black Coral (1987)
12. Idaho	-----	-----	Star Garnet (1967)
13. Illinois	Fluorite (1965)	-----	-----
14. Indiana	-----	Salem Limestone (1971)	-----
15. Iowa	-----	Geode (1967)	-----
16. Kansas	Galena (2018)	Greenhorn Limestone (2018)	Jelenite - <i>form of amber</i>
17. Kentucky	Coal (1998)	Kentucky Agate (2000)	Freshwater Pearl (1986)
18. Louisiana	Agate (2011)	-----	Lapearlite (2011)



TABLE OF U.S. STATE MINERALS, ROCKS, STONES, AND GEMSTONES

STATE	MINERAL	ROCK	GEMSTONE
19. Maine	-----	-----	Tourmaline (1971)
20. Maryland	-----	-----	Patuxent River Stone Agate
21. Massachusetts	Babingtonite (1971)	Roxbury Puddingstone (83)	Rhodonite (1979)
22. Michigan	-----	Petosky stone (1965)	Chlorastrolite
23. Minnesota	-----	-----	Lake Superior Agate (1969)
24. Mississippi	-----	Petrified Wood (1976)	-----
25. Missouri	Galena (1967) <i>The Lead State</i>	Mozarkite (1967)	-----
26. Montana	-----	-----	Sapphire and Montana Agate
27. Nebraska	-----	Prairie Agate (1967)	Blue Chalcedony (1967)
28. Nevada	Metal: Silver (1977) <i>The Silver State</i>	Sandstone (1987)	Virgin Valley Black Fire Opal Nevada Turquoise (1987)
29. New Hampshire	Beryl (1985)	Granite (1985) <i>The Granite State</i>	Smokey Quartz (1985)
30. New Jersey	-----	-----	-----
31. New Mexico	-----	-----	Turquoise (1967)
32. New York	-----	-----	Garnet (1969)
33. North Carolina	Gold (2011)	Granite (1979)	Emerald (1973)
34. North Dakota	-----	-----	-----
35. Ohio	-----	-----	Ohio Flint (1965)

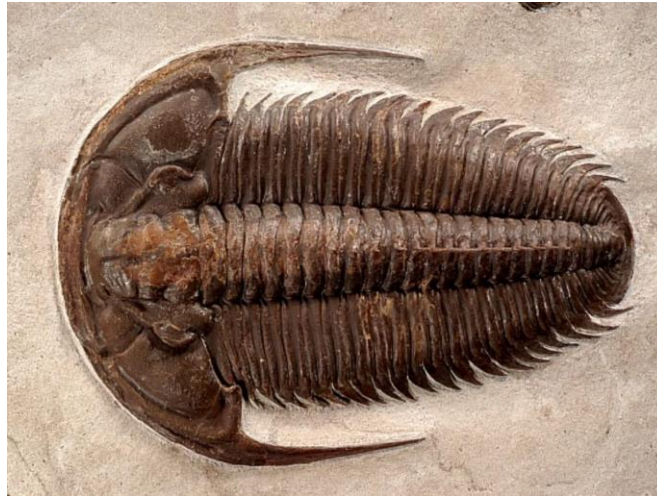


## TABLE OF U.S. STATE MINERALS, ROCKS, STONES, AND GEMSTONES

<i>STATE</i>	<i>MINERAL</i>	<i>ROCK</i>	<i>GEMSTONE</i>
36. Oklahoma	Hourglass Selenite (2005)	Rose Rock (Barite)	-----
37. Oregon	Oregonite (2013) Josephinite (2013)	Thunderegg (1965)	Oregon Sunstone Labradorite
38. Pennsylvania	-----	-----	-----
39. Rhode Island	Bowenite Serpentine (1966)	Cumberlandite (1966)	-----
40. South Carolina	-----	Blue Granite (1969)	Amethyst (1969)
41. South Dakota	Rose Quartz (1966)	-----	Fairburn Agate (1966)
42. Tennessee	Agate (2009)	Limestone (1979 – Present) Tennessee Agate (1969 -2009)	Tennessee River Pearl (1979)
43. Texas	Silver (2007)	Oligocene Petrified Palmwood	Texas Blue Topaz (1969)
44. Utah	Copper (1994)	Coal (1991)	Topaz (1969)
45. Vermont	Talc (1991)	Granite, Marble, Slate (1992)	Grossular Garnet (1991)
46. Virginia	-----	Nelsonite (2016)	-----
47. Washington	-----	-----	Petrified Wood (1975)
48. West Virginia	-----	Bituminous Coal (2009)	Mississippian Lithostratationella Coral
49. Wisconsin	Galena (1971)	Red Granite (1971)	-----
50. Wyoming	-----	-----	Wyoming Nephrite Jade

## TRILOBITES

(Index Organism of the Paleozoic Era)



**What are Trilobites?** Trilobites are hard-shelled, segmented creatures that existed over 300 million years ago in the Earth's ancient seas. They went extinct before dinosaurs even existed, and are the signature creatures of the Paleozoic Era, the first era to generate a diversity of complex life forms, including nearly all of the phyla of today. Although dinosaurs are the most well-known fossil life forms, trilobites are also a favorite among those familiar with paleontology (the study of the development of life on Earth). Trilobites were among the first of the arthropods, a phylum of hard-shelled creatures with multiple body segments and jointed legs. They constitute an extinct class of arthropods, the Trilobita, made up of nine orders, over 150 families, thousands of genera, and over 15,000 described species. New species of trilobites are unearthed and described each year. This makes trilobites the single most diverse group of extinct organisms, and within the generalized body plan of trilobites there was a great range of size and form. The smallest known trilobite is just over a millimeter long, while the largest include species from 30 to 70 cm in length (roughly a foot to over two feet long!). With such a diversity of species and sizes, thoughts on the lifestyles of trilobites include planktonic, swimming, and crawling forms, and we can presume they filled a varied set of ecological roles, although perhaps mostly as predators, detritivores, and scavengers. Most trilobites are about an inch long, and part of their appeal is that you can hold and examine an entire fossil animal in your hand. Try that with a dinosaur! Whatever their size, all trilobites share a similar body plan, being made up of three main body parts: a cephalon (head), a segmented thorax, and a pygidium (tail piece). However, the name "trilobite," meaning "three lobed," is not in reference to those three body features, but to the fact that all trilobites bear a long central axis, or axial lobe, flanked on each side by right and left pleural lobes. These three lobes that run from the cephalon to the pygidium give trilobites their name. Trilobites are distinguished from their sister arthropods via characters thought to be unique to trilobites, including their three-lobed structure, a dorsally calcified exoskeleton, and a specialized ventral mouthpart called a hypostome. Although they are all extinct now, they were among the first explosions of biological diversity that this amazing planet of ours has produced over the eons.

***This Introduction is an adaptation of the award-winning website: A Guide to the Orders of Trilobites***  
***<http://www.trilobites.info> Copyright 1999 - 2009 Samuel M. Gon III All rights reserved***



WIND WOLVES 7<sup>TH</sup> ANNUAL SPRING FESTIVAL





**UPCOMING ROCK, MINERAL, AND GEM SHOWS****April 16, 2022 – Lake Elsinore, CA**

Lake Elsinore Gem &amp; Mineral Society

Rock and Craft Show

32097 Corydon Rd., Lake Elsinore, CA 92530

Hours: Saturday 10 AM – 4 PM

Contact: 1 (909) 208-6956, berylman50@aol.com

**April 23-24, 2022 – Santa Cruz, CA**

Santa Cruz Mineral and Gem Society

Santa Cruz Civic Auditorium, 307 Church Street, Santa Cruz, CA 95060

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

Our Spring show has a large variety of vendors selling finished jewelry, gem stones, lapidary supplies and rough stone, fossils, mineral specimens, stone carvings and many other things of interest to “rockhounds”. In addition, there is a rock identification table, demonstrations of stone carving, cabochon making and other lapidary arts, display cases containing examples of items collected or made by club members, plus lectures.

Contact: scuzgms@gmail.com

Website: <https://www.scrockngem.org>**April 30 – May 1, 2022 – Anaheim, CA**

Searchers Gem &amp; Mineral Society

Brookhurst Community Center, 2271 W. Crescent Ave., Anaheim, CA 92801

Hours: Saturday 10 AM – 5 PM, Sunday 10AM – 4:30 PM

61st Annual Searchers Mineral, Gem and Jewelry Show

Fun activities for kids! Free. See rocks, gems, minerals, fossils, rough, slabs, gold panning, door prizes, tools, supplies and exhibits.

Contact: (909) 815-3045, searchersgemandmineral@gmail.com

Website: <https://searchersrocks.org>**May 6-7-8, 2022 – Lancaster, CA***CFMS Gems, Minerals, Fossils & Jewelry Show*

Antelope Valley Fairgrounds, 2551 W Avenue H, Lancaster, CA 93536

Hours: Friday, Saturday 9 AM – 5 PM, Sunday 9 AM – 4 PM

Gems, Minerals, Fossils, Jewelry, Demonstrations, Exhibits, Dealers, Kid’s and Family Activities. Free parking and Free Admission.

Contact:

Bob Backus (661) 526-3564, email: lbbackus@aol.com

Susan Chaisson-Walblom (661) 406-0143, email: slchaisson@yahoo.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](mailto: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 23<sup>rd</sup> and Eye streets in downtown Bakersfield. Everybody is welcome to attend!  
*-- Dalia Hernandez*





# KCMS Monthly Meeting

Please join the KCMS at 7:00 p.m. on Thursday, April 21<sup>st</sup> 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

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**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](mailto: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](mailto:geojim9@hotmail.com)

Facebook: Kern County Mineral Society

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### KCMS Officers 2022

**President**  
James May  
[geojim9@hotmail.com](mailto:geojim9@hotmail.com)

**Vice President**  
Connie Fleishauer

**Secretary**  
Anita Anderson

**Treasurer**  
Dennis Huggins

### Board Members 2021

**Pseudomorph Editor**  
James May  
[geojim9@hotmail.com](mailto:geojim9@hotmail.com)

**Curator**  
Steve Fleishauer

**Federation Director**  
Bernie Bentsen

**Sergeant at Arms**  
Dennis Huggins

**Field Scout**  
Bernie Bentsen

### Committee Chairs 2022

**Kitchen**  
Sue Kimbriel

**Scholarship**  
David Schaad

**Door Hostess**  
Kay Hevle

**Facebook Editor**  
Anita Anderson

**FUN, GAMES, & FIELD EXCURSIONS****GUESS THIS MONTH'S MYSTERY SLAB**

Here is this month's mystery slab. Please submit your answer to [geojim9@hotmail.com](mailto: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 Steve Fleishauer who correctly identified the slab as Porphyritic Andesite.



