

SEARCHERS BOARD OFFICERS

- President: Monica Dekany-Beeker
- 1st VP: Heather Jackels
- 2nd VP: Lydia Pattison
- Director: Doug Flaugh
- Secretary: Jamie Cassidy-Curtis
- Treasurer: Charlotte Spalding
- Federation Delegate: Nancy Bird
- Committee Chairpersons
- Editor: Linda Horn
- Historian:
- Hospitality:
- Library Membership:
- Monthly Drawing:
- Sunshine:
- Veteran Liaison : Heather Jackel
- Website: Steve Duncan
- Workshop: Adrian Callard

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The Searchers Gem & Mineral Society, Anaheim CA

VOLUME 56, ISSUE 9



SEPT. 2019

The President's Message

Dear SEARCHERS

Fall is upon us, and now is the time to prepare for the changing seasons, cooling of the weather, and everything soon to be flavored with Pumpkin Spice.

I want to thank Adrian and all those who work so hard with the workshop. There as been quite a surge in participation, last Sat it was a fully packed room!

As my time as President winds down I want to thank everyone for their hard work and dedication all year. We've had great presentations, activities, and an increase in membership.

Although I'm not running for a second term, I'll still remain active with the organization. We'll be holding elections in Nov, so please consider a position on the board. More info will be made available at upcoming member meetings.

Thanks again for being such an amazing group to work with, I hope to see you all real soon.

Sincerely,

Monica Dekany-Beeker
2019 President



***Please remember to bring any slab donations for the vets.**

Searchers Club Meetings and Presenters

Board Meeting- Tues. Sept. 3rd at 6 pm, 2nd VP Lydia's house

Member Meeting- Tuesday Sept.10th at 7 pm, Anaheim Community Center

Some photos from recent trips.



Field Trips

More field trips will be scheduled soon

September Field Trip....Well, not *exactly* a field trip. Everyone is invited to a Fundraiser day at Tutto Fresco. All you need to do is print the invitation below and Searchers will revive 20% of your total for that day. Invite friends, family, coworkers, etc. and come any time on Wednesday the September 18th.

For field trip
information
contact:

Lydia

Pattison Field

Trips,

Searchers

Gem and

Mineral

Society,

lpattison@so

cal.rr.com

A flyer for a fundraiser at Tutto Fresco. The flyer has a white background with a subtle pattern. At the top, it says "Join us for a Fundraiser at" in a serif font. Below that is the "Tutto Fresco" logo in a large, bold, serif font. Under the logo is a small oval containing the words "FRESH ITALIAN" and "EST. 1991". Below the logo, it says "20% of all participating sales will be donated back to" in a serif font. Then, "Searchers Gem & Mineral Society" is written in a red serif font. Below that is a black rectangular box with white text that says "Be sure to bring this flyer with you to participate in the fundraiser!!!". At the bottom, it says "When: Wednesday 9/18/19 Time: 11-9" and "Where: 1333 N. Glassell- (714) 771-1555" in a serif font. Below that is a line of text in parentheses: "(@ the corner of Katella & Glassell) Orange, CA 92867". Then, it says "We encourage you to come out and enjoy your meal at Tutto Fresco with family and friends. And if you can't stay and dine, there is drive thru and take out service available!" in a serif font. Finally, it ends with "-Thank you for your support!-" in a serif font.

Join us for a Fundraiser at
Tutto Fresco
FRESH ITALIAN
• EST. 1991 •
20% of all participating sales
will be donated back to
Searchers Gem & Mineral Society
**Be sure to bring this flyer with you to
participate in the fundraiser!!!**

When: **Wednesday 9/18/19** Time: **11-9**
Where: 1333 N. Glassell- (714) 771-1555
(@ the corner of Katella & Glassell) Orange, CA 92867
We encourage you to come out and enjoy your
meal at Tutto Fresco with family and friends. And
if you can't stay and dine,
there is drive thru and take out service available!
-Thank you for your support!-

Searchers Board Meeting summary – Aug 4, 2019

Items discussed at the board meeting included:

The annual Searchers picnic, with a Hawaii theme, was held on Aug 3. Everyone had fun; good food, good company, good music, and even a Silent Auction!

We're looking for an affordable auditor who's familiar with the standards that a small 501©3 organization like Searchers must meet. Heather is following up on some leads.

Planning for upcoming events such as the October boutique and the Christmas party are underway. Monica will draft updates to our bylaws and other documents after receiving inputs from the other board members. The drafts will be sent to Searchers member for review, and a vote will be held at a Searchers meeting later this year. The primary purpose is to bring our documents into line with 501(C)3 requirements.

Now that Searchers have picked our new logo, Jamie will get quotes from several companies for t-shirts with the new logo. Many people have asked for black shirts. We also want to investigate getting the laminated nametags that we used to have, with the new logo.

Searchers meeting – Aug 13, 2019

Robert Burson presided over the August Searchers meeting. Highlights included:

Let Robert know if you're interested in a field trip to Holbrook, AZ.

The Long Beach Mineral and Gem club's show is at the Expo Arts Center on Saturday, Sept 21.

Treasurer's report (Charlotte Spaulding): during July, Searchers took in \$425.20 and spent \$9586.50, mostly on supplies for the workshop.

Show Committee report (Margaret Hogarth): next year's show fliers are in progress. The facility is set. We're planning to have a food truck next year instead of a kitchen if possible. Please collect or make items for the Silent Auction and prizes! The Show Committee meetings start in October.

The August speaker was Jack Hobart, who gave an inspiring presentation about Lake Superior copper agates that he found at the Wolverine, St Louis, and CH-21 mines in northern Michigan on the Keweenaw Peninsula. The copper mines closed 100 years ago, but the tailings are still there. The copper agates are often quite complex and unique. Copper appears in the agates as particles, banding and swirls. About 2/3 of the agates had eyes. Often, each cut side has different features. Jack has over 8000 photos in a database, and has published 2 books. His website is <https://mudpot.com/> You can purchase the books online and at the Nevada Mineral and Book Company.

Searchers Annual August Picnic

Searchers had its annual picnic again at the beautiful peaceful Yorba Linda Regional Park.



Searcher's Stuff

Show Committee News

Please mark your calendars for our Show Committee meeting schedule. Unless noted, it is the first Saturday of the month at 1:00 p.m. in the Anaheim Senior Center (past the workshop, through the large wooden gate.) We meet until 2:30 so you can attend the workshop or do other things. I try to keep things on time, so I appreciate your early arrival.

Saturday, October 5, 2019

Saturday, November 9, 2019 (second Saturday to account for the American Opal Society show)

Saturday, December 7, 2019

Saturday, January 4, 2020

Saturday, February 1, 2020

Saturday, March 7, 2020

Saturday, April 4, 2020

I hope we won't have any competing field trips!

You never know when show opportunities will arise! At a yard or estate sale? At the beach with the grand kids? Cleaning out your rock closet? We always need quality materials for the Silent Auction, our largest show income source. Prizes keep our show fun and interesting for our attendees, and we need all kinds for all ages. Make small rock-related prizes while you watch TV; even at one a week or once a month, your prizes could make a big difference!

We think we have a great food truck lined up for our 2020 show; this will be a new chapter in our 60+ year show history! Are you interested in dipping your toe into selling your work? Join the Searchers Sale Table, it's easy!

The Show Committee continues to work all year on the show. Join us, it's fun!

Keep on rocking,

Margaret Hogarth

hogarth.m@gmail.com

Southern California Regional Rocks and Roads

<https://socalregion.com/>

Compiled and written by Michael Ballard, who has a lifelong interest in geology, this fascinating web site has information about Southern California, in particular: geology, highways, recreation, history, historical maps, images, and railroads. His regional geology guides for Imperial Valley, San Diego, Los Angeles, and Death Valley are fascinating with great photographs. Of particular interest are illustrated geological drives in the Soledad and Ventura Basins (potential field trips!), fault and landslide information, and Santa Clarita Valley geology. Ballard grew up in the Santa Clarita Valley, and now lives in San Diego while he studies geology. This site is truly a labor of love. Enjoy!

Upcoming 2019 CFMS Gem Shows

For a more complete listing of shows go to web-site: www.cfmsinc.org

SEPTEMBER

September 21: LONG BEACH, CA
Long Beach Mineral & Gem Society
Expo Arts Center
4321 Atlantic Avenue
Hours: 10:00 - 5:00
Contact: Carol Kron and Karin Alvarez,
(562) 577-9044
Email: lbmineralgemsociety@gmail.com

September 21 - 22: CHICO, CA
Feather River Lapidary & Mineral Society
Silver Dollar Fairgrounds
2357 Fair Street
Hours: Sat 9:30 - 5; Sun 9:30 - 4
Lori Millard, (530) 533-2968
Email: lorimillard58@yahoo.com
Website: www.featherriverrocks.org

September 21 - 22: MONTEREY, CA
Carmel Valley Gem & Mineral Society
Monterey Fairgrounds
2004 Fairgrounds Road
Hours: 10 - 5 daily
Contact: Janis Rovetti, (831) 372-1311
Email: janis12@sbcglobal.net
Website: cvgms.rocks

September 28 - 29: LODI, CA
Stockton Lapidary & Mineral Club
Lodi Grape Festival Grounds
413 East Lockford Street
Hours: 10 - 5 daily
Contact: Mike Mathis, (510) 301-3612
Email: mmathis@nwp.org
Website: stocktonlapidary.org [Show Page](#)

OCTOBER

October 5 - 6: GRASS VALLEY, CA
Nevada County Gem & Mineral Society
Nevada County Fairgrounds
11228 McCourtney Road
Hours: Sat 10 - 5, Sun 10 - 4
Contact: Mitchell Frank Van Hecke, (530) 575

-4252
Email: 4vanclan5@att.net
Website: ncgms.org [Show Page](#)

October 12 - 13: TRONA, CA
Searles Lake Gem & Mineral Society
Trona Gem Building
13337 Main Street
Hours: Sat 7:30 - 5:00; Sun 7:30 - 3:00
Contact: Jim & Bonnie Fairchild, (760) 372-5356
Email: slgms@iwvisp.com
Website: iwvisp.com/tronagemclub

October 19: WEST HILLS, CA
Woodland Hills Rock Chippers
First United Methodist Church
22700 Sherman Way
Hours: 10 - 5
Contact: Virginia Rotramel,
whrc@rockchippers.org
Email: whrc@rockchippers.org
Website: rockchippers.org [Show Page](#)

October 19 - 20: PLACERVILLE, CA
El Dorado County Mineral & Gem Society
El Dorado County Fairgrounds
100 Placerville Drive
Hours: 10 - 5 daily
Contact: Debbie Winterson
Email: info@rockandgemshow.org
Website: eldoradorocks.org [Show Page](#)

October 19 - 20: SANTA ROSA, CA
Santa Rosa Mineral & Gem Society
The Veterans Memorial
1351 Maple Avenue
Hours: Sat 10 - 6; Sun 10 - 5
Contact: Jolene Coon, (707) 849-9551
Website: jolene4srngs@gmail.com
Website: srngs.org [Show Page](#)

October 26 - 27: SACRAMENTO, CA
Sacramento Mineral Society
Scottish Rite Temple

6151 H Street
Hours: Sat 10 - 5; Sun 10 - 4
Contact: Alyssa Meiszing, (916) 205-4441
Email: webad-min@sacramentomineralsociety.org
Web Site: sacramentomineralso-ciety.org [Show Page](#)

NOVEMBER

November 2 - 3: ANAHEIM, CA
American Opal Society
Business Expo Center
1960 S. Anaheim Way
Hours: Sat 10 - 6; Sun 10 - 5
Contact: Veronica Purpura, (714) 501-9959
Email: info@opalsociety.org
Website: opalsociety.org/ [Show Page](#)

November 2 - 3: CONCORD, CA
Contra Costa Mineral & Gem Society
Centre Concord
5298 Clayton Road
Hours: 10 - 5 daily
Contact: Mike Hopkins
Email: mhopkins@ironhorsesdesign.net
Website: contracostaminerallandgemso-ciety.org [Show Page](#)

November 9 - 10: YUBA CITY, CA
Sutter Buttes Gem & Mineral Society
Yuba-Sutter Fairgrounds, Franklin Hall
442 Franklin Blvd
Hours: Sat 10 - 5; Sun 10 - 4
Contact: Karen Horita, (916) 677-6696
Email: horita@comcast.net
Website: sutterbuttesgemmin.org

September Birthstone: Sapphire



Searchers Gem & Mineral Society

General Information



Check our website for unexpected changes in schedule!

www.searchersrocks.org

General Meetings: 7 PM, 2nd Tuesday of each month, Jan - Nov

Board Meetings: 6PM, 1st Tuesday of each month, Jan - Nov

Workshop: Thursday 5:30 to 9:30 PM and Saturday 2:30 to 6:30 PM

Location: Anaheim Downtown Community Center
250 East Center St.
Anaheim, CA 92805

Mailing Address: Searchers Gem & Mineral Society, Inc.
P.O Box 3492
Anaheim, CA 92803

Website: www.searchersrocks.org

Membership Dues:	Individual	\$25
	Couple	\$35
	Junior (17 & under)	\$10

Valid Jan.1-Dec.31, not prorated

Bulletin: Submissions due 3rd Friday of the month via e-mail to: editor@searchersrocks.org.

Bulletin distributed 1st week of each month. Mail exchange bulletins to the editor:

Searchers —Linda Horn Editor

P.O. Pox 3492

Anaheim, Ca. 92803

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American Federation of Mineralogical Societies



Coprolite Fossils

Coprolites form in much the same way as any other fossil - the original organic material is infused with water containing dissolved minerals, and as the minerals crystallize, the original material is slowly replaced by stone.

Most people, when handed a coprolite for the first time, go and sniff it as their first impulse. But it smells of nothing but stone, because that's all it is now, technically speaking. Coprolites are at a disadvantage from the start in the fossil-forming process. Generally speaking, the quicker to decay an object is, the less likely it is to successfully fossilize. Fossilization takes time, and if the whole thing rots before it can finish, well, no fossil.

That's why hard and durable objects, such as bones and teeth, are much more common fossils than soft tissues, or coprolites. Coprolites were first identified as what they actually are, by a woman named Mary Anning (21 May 1799 - 9 March 1847). Mary Anning was a fossil collector and paleontologist from southern England, and noticed these odd stones inside the abdominal areas of the ichthyosaur fossils she was collecting. When she broke them open, she noticed they had fragments of fossilized fish bones and scales.



In 1829, Arming's observations led a geologist named William Buckland to propose that these stones were the digested remnants of the dinosaurs' last meals, and he gave them the name of coprolites. Those fossil fragments inside coprolites contain a wealth of scientific information, for anyone who really wants to look closely. The kinds of fossils contained in the coprolite can tell us a lot about the environment the creature was living in, by what it found in the area to eat. It also reveals the creatures preferred food sources, such as whether it was an herbivore or a car-

nivore, and sometimes it will even reveal what parasites plagued its creator. And, yes, we learn a lot about its intestinal systems. That's pretty much a given.

The challenge, of course, is in determining exactly which species of creature left a particular coprolite behind. In some cases, when there are a lot of fossilized remains of a particular animal around, it's easy to make a good guess. And in some cases, as with Mary Arming's fossils, the coprolites were petrified while still within the animal's body. But with a more isolated coprolite specimen, it can be very difficult.

Early human settlements left the occasional coprolite as well, so they have archaeological value as well as geological value. As it turns out, we can learn about our own history from them. A human coprolite found in a cave in Oregon revealed the existence of a long-lost 13,000-year-old society. And a research team from the University of Colorado, studying an ancient Anansi settlement in Colorado known as Cowboy Wash, uncovered human remains showing what they believed to be evidence of cannibalism. They tested a coprolite found nearby, and discovered it contained a protein only found in human muscle tissue, confirming their theory.

Oddly enough, coprolites from dinosaurs and other prehistoric beasts are often used in jewelry. Due to the mineralization, many of them have bright and beautiful coloration. And, well, you get a great answer to give when someone says, "Ooh, what a pretty necklace! What stone is that?" Some people may think coprolites are disgusting, but like any other fossil, they're also windows into a lost and wondrous past on this planet.

From the Glacial Drifter 8/16, via The Rockpile 9/17, via T-Town Rockhound



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