

The Golden Frog



Earth Without Its Water!

**Robin Williams, Newsletter Editor
Calaveras Gem and Mineral Society
P.O. Box 1135
Murphys, CA 95247**

OCTOBER Birthstone: OPAL



OCTOBER 2019 EDITION

Calaveras Gem & Mineral Society, Inc.
 P.O. Box 517
 Angels Camp, CA 95222

Clubhouse: 2500 Meacham Ranch Road

Website: www.calaverasgemandmineral.org

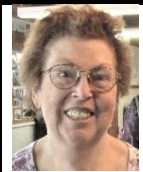
Est. in 1948 and incorporated in 1950 as a non-profit charitable organization dedicated to share our love of rocks & minerals and all the lapidary arts with our community. Member of both the California and American Federation Mineralogical Societies.

TOURMALINE



OCTOBER BIRTHSTONE

2019 BOARD of DIRECTORS



PRESIDENT
 Anna Christiansen
achristiansen7132@comcast.net



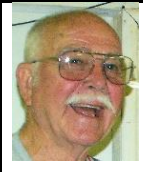
VICE PRESIDENT
 Lynn Becker
beckerbk@sbcglobal.net



SECRETARY
 Debby Brooks
dbb49@att.net



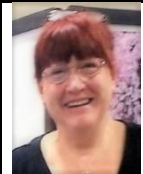
TREASURER
 Karen Crabtree
kcetc@volcano.net



FEDERATION DIRECTOR
 Marion Roberts
mvroberts1@comcast.net



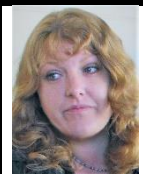
FIELD TRIP CHAIRMAN
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 Robin Williams
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1st DIRECTOR
 Bob Young
ryoung1738@aol.com



2nd DIRECTOR
 Amy Sturdivant
amy95247@yahoo.com



3rd DIRECTOR
 Pat Gulyas
golddustmurphy@yahoo.com



ADDITIONAL CLUB POSITIONS:



SHOPmasters
 Murray Smith & Marilyn Bodle
marilyndte@gmail.com



PROGRAMS
 Tom Harrington
thomasharrington266@gmail.com



WEBmaster
 Andrew Brown
brown.andrewg@gmail.com



HISTORIAN
 Loretta Pagni
lorettapagni@aol.com



**A Message from
Our President...**



**CALAVERAS
Gem & Mineral
Society**

● Here's the logo that we had embroidered on our club shirts and hats way back in 2011. Many clubs make their club clothing available year-round but after 8 years it's definitely time for a second order, don't you think! I'll be working on gathering the info needed and will present my findings to the club. These will be great for the Gem show!

● Because of the brilliant design idea created for the case table cloths by the "Sisters of the Travelling Table Covers" we will now have left-over fabric that will be great for making light-weight CLUB VESTS.

In the past, club volunteers donated their time and skills to make the vests as a club fundraiser. Fee for purchase was \$25 (and included the \$7 embroidered 6-inch club patch on the back). Anyone interested?

Hope to see you on the 20th.
Anna Christiansen
2019 CGMS President

OCT 20th, 2019 ~ MEETING INFO

- 3rd Sunday, OCT 20, 2019.
- Meet & Greet begins at 11:00 am.
- POT LUCK Lunch begins at Noon.
- General Membership Meeting
- Program: Claudia Brackett
"Rock Safety"
- Board Meeting TBA

COMING EVENTS

TAILGATE

MEMBER ROCK SWAP &

SALE

**SATURDAY
NOVEMBER 9th**
8 am to 4 pm

**ROCKS, JEWELRY, GIFTS, ART, GEMS,
LAPIDARY, EQUIPMENT & MORE!**

Contact Lynn Becker to secure space.
10x10 outdoor area is \$10.
Indoor tables are \$10 each.

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MEMBER AUCTION

Members bring 4 ROCK & MINERAL RELATED items to sell to the highest bidder at our NOV 17th MEETING.

This is also our yearly Thanksgiving Turkey Dinner Pot Luck.

We'll need volunteers to cook turkeys, dressing, & mashed potatoes & gravy.

Everyone else bring yummy side dishes and/or scrumptious desserts.

Don't forget to contribute what you're able to the community food drives.

GENERAL MEETING MINUTES from Sept 15, 2019

Calaveras Gem and Mineral Society
General Meeting Minutes
September 15, 2019

MEETING CALLED TO ORDER at 1:02 a.m. by
President Anna Christensen

PLEDGE OF ALLEGIANCE

BOARD OF DIRECTORS ABSENT:

| | |
|----------------------|----------------|
| Newsletter & Show | Robin Williams |
| Federation Director: | Marion Roberts |
| 1 Year Director: | Bob Young |
| 2 Year Director: | Amy Sturdivant |

MEMBERS PRESENT: 21 **GUESTS:** 2

MINUTES: from August 18, 2019
Rich Lundin made a motion to accept the minutes from August 18, 2019 as presented. Loretta Pagni seconded the motion. Minutes approve by majority.

CLUB CORRESPONDENCE: Debby Brooks
Will be posted at Clubhouse.

TREASURER'S REPORT: Karen Crabtree
● The current Financial Report will be posted at the clubhouse for review by club members.



● Karen Crabtree and Lynn Becker have been meeting regularly during the last report period to enter the financial data into the laptop. Data input for 2019 is now in process and almost complete.

● Loretta Pagni made a motion to accept the Treasurer's Report as presented. Pat Gulyas seconded the motion. The Treasurer's Report approved by majority consent.

COMMITTEE REPORTS

FEDERATION REPORT: Sandy Kilcrease
Marion and Vivian Roberts retired as Committee Chair (CFMS Earth Sciences Studies) at Camp Paradise. Tony and Sandie Fender have taken on the responsibility. Tony is concurrently the President of CFMS (California Federation Mineralogical Societies)

FIELD TRIPS: Brad Becker
The September 28, 2019 field trip to Fallon, NV has been rescheduled to a date in October. Brad will email all the details to club members.

HISTORIAN/SUNSHINE: Loretta Pagni
● Loretta encouraged everyone to think about volunteering to participate on the Nominating Committee. The nominating committee will seek candidates for Officer Positions 2020.
● Harold Mueller is progressing well after knee surgery. Expected to be home by the end of September.

NEWSLETTER: No Report

WEBSITE: No Report

FACEBOOK: No Report

SHOW REPORT: No Report

SHOP / CLASSES: Murray Smith
The vertical polishing machine is working. Not for general use at this time. Speak with Murray or Vance to get trained to help with polishing larger rocks to sell at the show.

NOV. 9th TAILGATE SALE: Lynn Becker
The tailgate is scheduled for Saturday November 9 at the clubhouse. Outside spaces are \$10.00. Inside spaces are \$10.00 per table (for example, 3 tables = \$30.00). Speak with Lynn to reserve a space/spaces.

OLD BUSINESS

MEMORIAL BENCH:
The memorial plaque for Dan Brooks will be attached and the bench will be placed in a permanent location at the Clubhouse.

Continued...GENERAL MEETING MINUTES
 from Aug 18th, 2019

BY-LAWS: Anna Christiansen
 Anna is finalizing the draft and will present to the By-Laws Committee for review. The Board of Directors will review and approve the By-Laws that will be presented to Club members. Copies of the By-Laws will be made available to all Club Members.

ROCK HOUND OF THE YEAR: Anna C.
 Anna reminded all Club Members to vote for your choice of Rock Hound of the Year. The Ballot box with ballots is located at the clubhouse. The Board of Directors will tally the votes and the award will be presented at the December meeting.

DISPLAY CASE VOLUNTEER for the October 20th meeting: New Member Benny Earl

NEW MEMBER VOTE:
 Brandon and Benny Earl
 WELCOME and thank you for joining!

LOST AND FOUND: Lynn Becker
 A camp chair was left at Eagle Meadows. The name Bill is on one of the legs, the chair is sad and wants to be with its owner. Please contact Lynn Becker to get your lost chair.

PROGRAMS: Tom Harrington
 ● October: Claudia Brackett-Rock Safety
 ● November: Joan Sutton-Display Case set-up

SUPPORTING CLUB SHOWS: Tom Reeves
 ● Stockton Gem and Mineral Club: 9/28 -9/29
 Lodi Grape Festival, Lodi
 ● El Dorado Gem and Mineral: 10/19-10/20
 El Dorado Fairgrounds, Placerville
 ● Mariposa Tail Gate: 10/19

TODAY'S PROGRAM presented by Greg White, Professor of Geology at Columbia College, speaking about recent Earthquakes in California


NEXT MEETING DATE: October 20, 2019

MEETING ADJOURNED at 1:21 p.m. by President Anna Christiansen

Minutes respectfully submitted by
 Debby Brooks, CGMS Secretary

DON'T FORGET TO PLACE YOUR VOTE...

...for



of the YEAR...

Choose the
 - single member or couple -
 that YOU feel has gone that "extra mile"
 to help make 2019 the best year ever.

Your nominee could have served in one or more of these (alphabetical) Volunteer-ing Duties:

- | | |
|--------------------|--------------------|
| Account-ing | Program-ing |
| Board Officer-ing | Rock Prepare-ing |
| Construction-ing | Shop Supervise-ing |
| Field Trip-ing | Table-cloth-ing |
| Fundraise-ing | Teach-ing |
| Hospitality-ing | Tumble-ing |
| Maintenance-ing | Web-master-ing |
| Organize-ing | or... |
| PR & Publicity-ing | "You-Name-It"-ing |

Ballots & Ballot Box are at the Clubhouse. We'll announce the winner(s) at our DEC 2019 Christmas Party Club Meeting.



Q: If H₂O is water, what is H₂O₄?
A: on page 12, below calendar.

Sisterhood of the Travelling Table Covers

Those intrepid seamstresses are continuing to tenaciously take-on the time-consuming task of tackling the tricky tablecloths for the Thirteen Tall Tables.



This is just a small portion of the 160 yards of fabric ready for the 13-table project.



And, Sandy Ostrander sewing the seams.

So far, six are done. Only 7 more to go...



Here's Cookie Hirn attaching the straps.



Ta-Da! (Sandy O., Marilyn B. & Cookie H.)

~ Photos by Debby Brooks ~

WANTED
RAFFLE
CHAIRMAN

WANTED
HOSPITALITY
CHAIRMAN

WANTED
50 CASE
GIFTS

This is about the time of year that I start to freak out "due to lack of member interest in preserving our 70-year-old club" and usually resign as Show Chairman. It would be nice, for once, for member(s) to come forth and volunteer to help run the SHOW VENUES now, BEFORE I humiliate myself by quitting, again. Don't wait until the last minute. Sign up now and be a part of the planning team. Your club needs you. I need you. Thank You. -Robin

FALLON AREA TIDBITS for Field Trippers

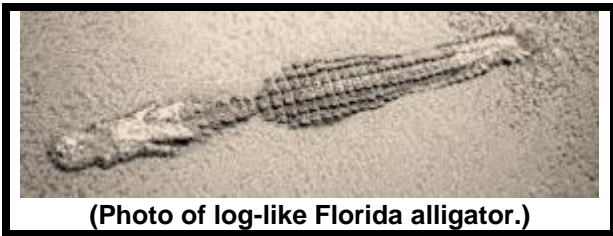
FALLON is a great place to visit!

Known as the "Oasis of Nevada," it produces both alfalfa and a delicious local variety of cantaloupe known as Hearts O'Gold.



Located about 60 miles east of Reno, (and east of Lake Lahontan), it is a city of 9,000+ in Churchill Co., Nevada.

In 2013, sighting of an alligator in Lake Lahontan made the local news. Rangers have found no evidence to support an alligator and believe it may have been a group of large carp. Hummm?



(Photo of log-like Florida alligator.)

Lake Lahontan

was an enclosed ice age lake that 12,700 years ago was 900 feet deep and covered 8,500+ square miles!



It covered much of N.W. Nevada, N.E. California and S. Oregon making it one of the largest lakes in N. America.



The ancient shoreline is evidenced by ← tufa formations throughout the area.

By 9,000 years ago, the lake had largely

Disappeared, leaving a few isolated lakes (Pyramid, Walker & Lahontan) and dry playa (Black Rock Desert, the Carson Sink, and the Humboldt Sink). It's now a Nevada State Park.

**FIELD TRIPPERS...
BE SURE TO BRING HOME SOME EXTRA
WONDERSTONE FOR THE 100+ KIDS
WHO ATTEND OUR MARCH GEM SHOW!**

Oopsies...just got a message that the Fallon Trip has been postponed until a later date. Either wait for an email or contact Brad at beckerbk@sbcglobal.net

"WONDERSTONE"

...rock that is naturally stained with bands of red and orange iron oxide and hydroxide.

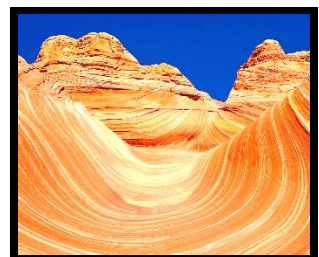


In Nevada, some wonderstones are rhyolite lava flows, and some are sandstones. The Wonderstone near Grimes Point in Churchill Co., used in lapidary, is a rhyolite tuff that was altered by silica & pyrite hydrothermal fluids.

This Rhyolitic air-fall tuff ejected from a volcano about 12 million years ago. The rock was altered by hot waters that deposited pyrite (FeS₂) and quartz (SiO₂). Rainwater penetrated the rock and oxidized the pyrite to form **liesegang** bands* of red hematite (Fe₂O₃) and orange and brown goethite (FeO(OH)).

Erosion broke pieces of the rock from its outcrop, and streams carried pebbles to the shore of Lake Lahontan, which covered much of western Nevada during the Pleistocene Epoch.

* **Liesegang** (LEES-ah-gong) bands or rings occur within many sedimentary rocks. After the rock formed, it was buried and saturated with iron-rich ground water creating repeating rings. When exposed at the surface, the softer sandstone erodes away leaving the harder rings standing in relief on the rock.



Liesegang geologic formations occur throughout the world creating many amazing landforms. Go to Google and type in "images of Liesegang ring geologic formations" and explore the sites and sights for yourself!

Sandy Kilcrease's Magical English Trifle Recipe

("Magical" because it disappears!)



"Oh, Jeffry. I'd give away this whole sack of gold for just one spoonful of Sandy's Magical Trifle."



MAGICAL ENGLISH TRIFLE RECIPE

| | |
|----------|---|
| 1 ea | Loaf pound cake, crust removed, cut into 1" cubes |
| 1 ea | lemon curd (Recipe below) |
| 3 Cups | Heavy cream |
| ¼ Cup | Powdered Sugar |
| ½ tsp | Vanilla |
| ½ tsp | Cornstarch |
| 1 Basket | Blueberries |
| 1 Basket | Strawberries |

Combine cream, powdered sugar, vanilla and cornstarch in a large bowl. Whip the cream mixture until stiff peaks form.

In a large bowl, layer cake cubes on bottom, lemon curd over cake cubes, fruit over lemon curd and then whipped cream. Repeat the layers. Chill thoroughly. ENJOY!

LEMON CURD FILLING

| | |
|---------|--------------------|
| 3 | Lemons |
| 1 ½ c | Sugar |
| ¼ lb. | Butter, room temp. |
| 4 | eggs, extra large |
| ½ c. | Lemon Juice |
| 1/8 tsp | kosher salt |



Zest the lemons.
Combine the zest and the sugar in a large bowl and set aside.
Cream the butter and add to the sugar/zest mixture.
Add the eggs one at a time, and then add the lemon juice and salt.
Mix until combined.

Pour the mixture into a 2-quart saucepan and cook on low heat until thickened (about 10 minutes) stirring constantly.

The lemon curd will thicken at about 170 degrees or just below simmer.
Remove from the heat and cool or refrigerate.

This recipe is suited to extreme experimentation. Each of the main components (fruit, whipped cream, lemon curd and cake) can be easily substituted, i.e. devil's food cake for pound cake or mousse for lemon curd or flavored whipped cream for unflavored cream.

2019 CAMP PARADISE REPORT from Pat Gulyas

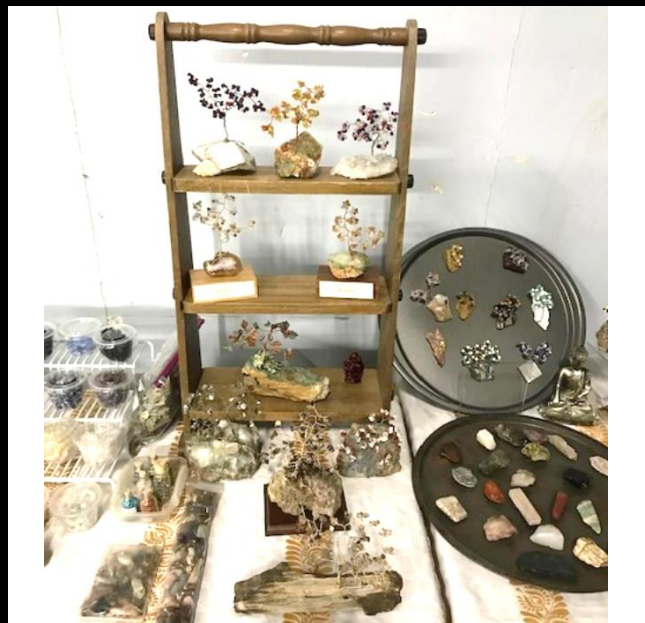


Camp Paradise was a total blast this year! Fun was had by all with a great lineup of classes offered. I was busier than expected with my Ming/Gem Tree instruction. In a couple hour session, students could learn and make at least one tree or magnet. It was very rewarding for me to see the creativity. It was relaxing for the students and we really had a good time.

Ron and Sandi Kilcrease from the Calaveras club had full houses day and night (when offered) for their Wire Art classes and Chain Maille.

Calaveras had two students that were at camp for both weeks-Joan Sutton and Candy Kalasek. Thank you both!

A shout out goes to Sandi Kilcrease for tackling the registration and room assignments. It was quite the challenge and she handled it thoroughly with much patience.



Pat's amazing display of designs and sampling of the materials she provided for her students.



Fun Tree of Life Pendants.



2019's beautiful new design ideas...

It was very touching when long time Committee Chair, Marion Roberts handed over the reins, after the first week, to the new Committee Chairs, Tony and Sandie Fender. Thank you, Marion and Vivien, for all the years of hard work. We all look forward to working with Tony and Sandie to continue making Camp Paradise a great learning experience.

I'm looking forward to instructing next year and hope to see more participants from the Calaveras club.

-Pat Gulyas, Camp Paradise 2019 Ming/Gem Tree Instructor

**ANYBODY OUT THERE
WANT TO TEACH ?**



**ANYBODY OUT THERE
WANT A CLASS?**

Contact a Board Member and let's
get a class (or 2) on the calendar!

**We have 25 MAJOR
SHOW CATEGORIES**

That ***do not*** have a
volunteer chairperson:

- STREET BANNER** permit & hanging of
- SIGNS & BANNERS** put up & take down
- FLYER & POSTER** distribution person(s)
- GOLF CARTS** supervisor
- CUSTODIAN**
- In-show SIGNAGE**, plus flags, balloons
- SECURITY** to work with Sheriff Volunteers
- DOOR PRIZES** need 26 minimum
- DISPLAY CASE GIFTS** need 49+
- KIDS ACTIVITIES &** make prizes
- PHOTOGRAPHER**
- TABLE COVERINGS** supervisor

YOUR CLUB NEEDS YOU!

MOTHER LODE HAPPENINGS

**Gold Rush Days
Street Faire**

& Grape Stomp Contest

October 5th

in downtown Murphys

FREE Admission

130+ Vendors!



**Old Town Columbia State Park
STREET FAIRE ~ 2 FULL DAYS**



**Harvest
"FESTIFALL"**

Oct 12 & 13

**FREE Admission ~ 9-5
Music ~ 50+ Vendors & More**

Support our Sister Club and take
advantage of this great buying and
selling event for yourself!

**7th Annual Mariposa
Rockin' Tailgate Rock Swap**



**FREE!
10 am to 5 pm
Saturday
Oct. 19th**

**Mariposa Gem & Mineral Club
Mariposa Co. Fairgrounds Parking Lot**

**No charge for buyers/sellers/swappers.
First come, first serve for space selection.**

mgmc@sti.net or call 209-742-4234

MINUTES of Sept. 15th BOARD of DIRECTORS MEETING

Calaveras Gem and Mineral Society
Board of Directors Meeting
September 15, 2019

Call to Order at 10:15 a.m. by President Anna Christiansen.

Board Members Absent:

Newsletter & Show: Robin Williams
Federation Director: Marion Roberts
1 Year Director: Bob Young
2 Year Director: Amy Sturdivant

OLD BUSINESS

- Lynn Becker reports that here is now a working printer/copier in the Clubhouse.
- The newsletter editor is requesting Board consideration to replace the printer that prints the Newsletters. The Board will evaluate proposals from the Newsletter Editor to purchase a new printer.
- Karen Crabtree, Treasurer will be reimbursed for the printer cartridges needed to print Treasurer Reports.

TREASURER'S REPORT: Karen Crabtree

- Karen will include copies of current bank statements with the Treasurer's Report that will be posted at the clubhouse.
- The CD certificate at Central State Credit Union, matured and the money was transferred to El Dorado Savings.
- CGMS received a letter from the IRS, deleting the pending penalty.
- The 2018 IRS taxes are completed. The State of California return is pending to determine when CGMS became a non-profit, 501(C)(3) status. Karen's goal is at the October meeting present a computerized accounting statement to the Club.
- The 2018 audit will be scheduled and the results will be reported to the Club at the October meeting.

CAMP PARADISE SCHOLARSHIP:

Pat Gulyas reported that scholarship applicants need to know what their responsibility is to CGMS when accepting a scholarship to Camp Paradise. Expectations need to be clearly stated.

EQUIPMENT UPDATE:

- The Wet/Dry belt sander has been installed and is to be used to polish large rocks sold at the annual show. The belt/sander is not for general use at this time; only trained club members are currently able to use it.
- The large saw lid replacement is an ongoing project; Bob Young has been working diligently to connect with a vendor.

BY-LAWS UPDATE:

Anna Christiansen

Anna is updating the by-laws with the changes and will present it to the By-Laws committee to approve the final draft. The Final Draft will be presented to the Board for Approval. The Board-Approved By-Laws will be presented to the Club, with the goal to be completed by the end of the year.

MEMORIAL BENCH:

The memorial plaque will be installed on the bench and the bench will be permanently bolted on a cement slab. Brad Becker is the lead for this project.

ROCK HOUND OF THE YEAR:

Club members choose the Rock Hound of the Year through the ballot process. A ballot box with ballots is located at the front of the clubhouse. The Board of Directors will tally the ballots and the person/couple that receive the greatest number of ballots will be selected as Rock Hound of the Year.

CLUB MEMBERSHIP CARDS:

A Club Membership Card will be given to new members upon acceptance of their membership and returning members will receive a membership card upon renewal. The Club Membership card will be having an overhaul to update and reformat.

CLUB T-SHIRTS:

Anna Christiansen is able to get a quote on cost of producing the t-shirts/caps/sweatshirts and will contact Robin for the previous embroidery sample.

Meeting Adjourned

at 12:00 p.m. by President Anna Christiansen.

Minutes respectfully submitted by

Debby Brooks, CGMS Secretary

OCTOBER CALENDAR of EVENTS

| SUN | MON | TUES | WED | THURS | FRI | SAT |
|--------------------------------|----------------|-----------------|--------------|-------------------|---------------------------|---|
| | | 1 Forrest N. | 2 | 3 | 4 | SHOP 5 10-2 Murphys Grape Stomp |
| 6 | 7 | 8 | 9 | 10 Jim P. | 11 Tammy M. Rich L. | SHOP 12 10-2 Columbia Street Faire |
| 13 Columbia Street Faire | 14 | 15 Tom H. | 16 | 17 | 18 | SHOP 19 10-2 Mariposa Tail Gate sale Placerville Show |
| 20 MEETING 12 pm | 21 | 22 | 23 | 24 McKensey M. | 25 | 26 SHOP 10-2 |
| 27 | 28 Linda D. | 29 Romy M. | 30 Bob G. | 31 Karen C. | | |

Answer to Question on page 5: Drinking, bathing, washing, swimming.

OCT. Birthdays

| | |
|--------------------|----|
| Forrest Nelson | 1 |
| Jim Pogue | 10 |
| Rich Lundin | 11 |
| Tammy Middleton | 11 |
| Tom Harrington | 15 |
| Robin Williams | 19 |
| McKensey Middleton | 24 |
| Linda Deibert | 28 |
| Romy Mueller | 29 |
| Bob Groth | 30 |
| Karen Crabtree | 31 |



~ GEM SHOWS ~

- OCT 5 - 6—GRASS VALLEY - Nevada Co. Gem and Mineral Society
Nevada County Fairgrounds.
- OCT 19 - 20 - PLACERVILLE - El Dorado Co. Mineral & Gem Soc.
El Dorado County Fairgrounds.
- OCT 26 - 27 - SACRAMENTO Mineral Society
Scottish Rite Temple, 6151 H Street, Sacramento
- NOV 2 - 3 - CONCORD - Contra Costa Mineral & Gem Society
Centre Concord, 5298 Clayton Road, Concord
- NOV 9 - 10 - YUBA CITY - Sutter Buttes Gem & Mineral Society
Yuba-Sutter Fairgrounds, Franklin Hall, 442 Franklin Blvd
- NOV 16 - 17—SANTA CRUZ Gem and Mineral Society
Live Oak Grange, 1900 17th Ave.

Calaveras Gem & Mineral Society

Serving Amador, Mariposa, Tuolumne Counties and More!



TAILGATE ROCK SWAP & SALE

PUBLIC WELCOME!

GIFTS!

ROCKS!

LAPIDARY!

JEWELRY

GEMS!

AND MORE!

ART!

2500 Meacham Ranch Rd.
Angles Camp, Off Hwy 49
CalaverasGemAndMineral.org

Saturday, Nov. 9, 2019
9 am - 4 pm

