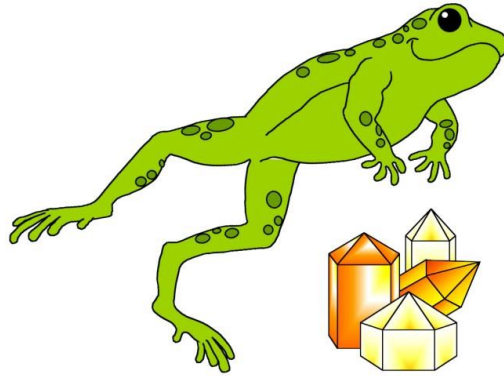
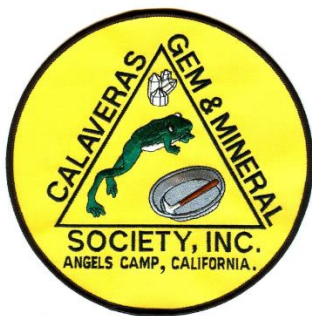


The Golden Frog



JULY 2019 EDITION

Robin Williams, Editor
P.O. Box 1135
Murphys, CA 95247



JULY 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.

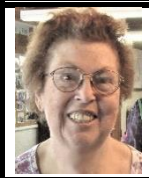
JULY BIRTHSTONE



RUBY

Mineral: Corundum Al₂O₃

2019 BOARD of DIRECTORS



PRESIDENT
Anna Christiansen
achristiansen7132@comcast.net



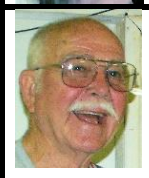
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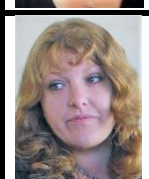
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WEBmaster
Andrew Brown
brown.andrewg@gmail.com



HISTORIAN
Loretta Pagni
lorettapagni@aol.com



A Message from Our President

I was so happy to see so many people attending our Father's Day barbecue. The selection of food was outstanding and everyone seemed to enjoy themselves. Chef Dave out-did himself with the tri-tip and chicken in the barrel - it was wonderful.


**Please don't forget, for the first time ever, we will be having
SUMMER MEETINGS!**

The first will be on July 21st (the third Sunday in JULY) and our next will be August 18th (the third Sunday in August). I hope you all will be able to attend.

Remember to send your email to Lynn if you would like to be placed on the field trip list and to receive information about upcoming field trips.

Hope to see you all in July.

Anna Christiansen
2019 CGMS President



**DIDJUNO...
RUBY**
in the mineral
Zoisite
is also known
as
Anyolite?

JULY ~ TABLE of CONTENTS

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10	Minutes of June 16 th Board Meeting
11	Cont. Min. of June 16 th Board Meeting
12	JULY 2019 Calendar, B-Days & Events

JULY 21st MEETING INFO

- 3rd Sunday, July 21st, 2019.
- Meet & Greet begins at 11:00 am.
- Lunch begins at Noon.
- General membership Meeting
- Board Meeting TBA

**COMING SOON...
"Club Clean Up Day"
We need YOU!**



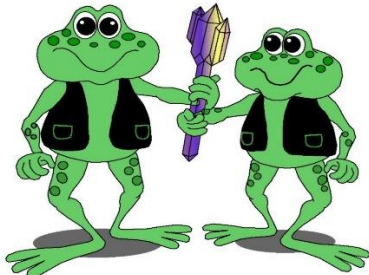
Wood needs to be split and stacked



and the old shed that got demolished by the falling tree needs to be dismantled and hauled away...

The Work Day date will be announced.

May the **QUARTZ** be with you!



Share the FUN of Earth Science & the Lapidary Arts

GENERAL MEETING MINUTES from June 16th, 2019

Calaveras Gem and Mineral Society
General Meeting June 16, 2019

Meeting Called to Order at 1:20 p.m. by
President Anna Christiansen.

Pledge of Allegiance

Board of Directors Absent:

Federation Director: Marion Roberts
1 Year Director: Bob Young

Members Present: 37 Guests: 4

Introduction of 3 new members:

Welcome!! Nathan Kavanagh,
McKensey Middleton & Tammy Middleton

RE: Minutes of May 19, 2019 Meeting

Debby Brooks reported incorrect bank name in previous minutes. The money from the Central Sierra Bank was transferred to El Dorado Savings Bank not to Umpqua Bank.

Loretta Pagni motioned to accept the May 19, 2019 minutes with noted changes. Rich Lundin seconded. The minutes were approved by the majority with changes.

Club Correspondence: None reported



ATTENTION all rockhounds...It's that time of year.

Treasurer's Report: Karen Crabtree

Karen will be posting the monthly Treasurer's Report at the clubhouse for member review.

Rich Lundin made a motion to accept the Treasurer's Report as presented. Loretta Pagni seconded the report. The Treasurer's Report was approved by majority consent.

President Anna Christiansen thanked Karen for her diligent report.

COMMITTEE REPORTS

Federation Report: Anna Christiansen
Applications for Camp Paradise can be downloaded from the CFMS website. Robin Williams has developed an in-depth information packet on the details of Camp Paradise. If you have any questions, Robin can answer your questions or send you in the right direction.

Field Trips: Brad Becker
Eight club members participated in the last field trip to Nevada.

Field Trips planned:

July – Eagle Meadows
August or September – Nevada

Local trips in the planning stage: gold panning trip and possibly metal detecting.



Details of field trips will be emailed to Club Members. Make sure your email is correct on the roster.

THINK "LITTLE ROCKS"!

Claudia Brackett asked all club members that go out Rock Hounding: "If you pick up a specimen and decide that YOU don't want it - bring it back to the club house anyway!"

The specimens you don't want will be loved by the **KIDS** and used for kid's activities at the Gem Show and for club outreach".

Continued...GENERAL MEETING MINUTES from June 16th, 2019

Historian/Sunshine: Loretta Pagni
Loretta gave a report on the history of Club Bar-be-ques. She remembers the cement bar-be-que being used to barbeque steaks and chickens. Club members George Mather, Charles Pagni, Al Greene, Sol Domecq, Earl and Harvey Klein were past barbeque technicians. Loretta has created an album with pictures of past years' barbeques.

Newsletter Editor: Robin Williams
Robin asked club members to let her know if as a club member you paid \$10.00 to receive your newsletter via USPS, she needs to know if you receiving your copy.

Website/Facebook: No Report

Shop/Classes: Robin Williams
Special classes are scheduled for the second Saturday thru December. Phyllis Kyle will become the coordinator in class development to obtain instructors to offer leaning opportunities. Classes will be announced with details of project and materials needed.

Shop & Property: Lynn Becker
A "Club Clean Up Day" will soon be scheduled. Wood needs to be split and stacked and the old shed needs to be disposed of. The Shop Day date will be announced.

Show Chairman: Robin Williams

1. Display Case Table Covers

A display case table needs to be set up to measure and create a table cover pattern. Joan Sutton has volunteered to cut the fabric from the pattern. Sandy Ostrander has volunteered to sew the table covers. A scheduled work day will be announced to measure, cut and sew the table covers.

2. Gem Show Committees needed:

● **Snack Bar:** do we have enough volunteers to host the snack bar by ourselves. *Cont...*

● **Kid Prizes** that need to be made: Prize Bags, Nugget necklaces, Create a new prize, Need rock and mineral prize supplies...can no longer rely on donations.

3. A Gem Show Planning Committee Meeting date will be announced. The purpose of the Planning Committee is to assist with the planning and production of our annual Gem and Mineral Show.

OLD BUSINESS

Club Rosters...are posted at the club house. Lynn emails rosters to club officers as new members are added. Let Lynn know if you need to make any changes to make the roster current and correct.

Magnifying loops and batteries are still available. Rich Lundin has a supply. He will be leaving in July, please contact Rich to get yours. Rich or Claudia can be reached at (209) 586-5632



Trip Watercolor by Claudia Brackett Lundin

NEW BUSINESS

Show Case Volunteer for July: Dino Saiz

Program Topic to be Announced.

Next Meeting Date: July 21, 2019

Meeting Adjourned at 1:55 p.m.
by President Anna Christiansen

Minutes respectfully submitted,

Debby Brooks, Secretary
Calaveras Gem and Mineral Society

KUMIHIMO (JAPANESE) BRAIDING CLASS

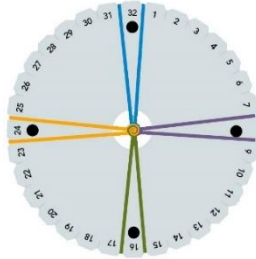


Margaret served as our lead teacher on June 8th

It all begins with a KUMIHIMO DISK.

Kumihimo (QUE MEE HEE MOE) began as finger-loop braiding. Later, tools were added to make more complex designs.

Samurai used the braids to lace their armor and braids are still used as ties on Jackets and as Kimono sashes today.



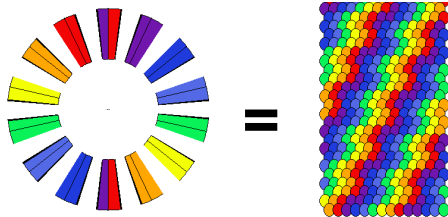
← SHOWN:
Simple 8 thread set-up.



...helping Brenda adjust her thread tension.

Your braid pattern will depend on
1. The COLORS of "thread" you use,
2. HOW MANY threads (8 to 32), and
3. IN WHAT ORDER you place the threads on your disk.

Piece of cake!



Joan and Sharon.



Joan length testing.



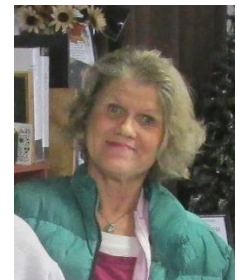
Sandy Ostrander



Anna, Sandi and Veda hard at work. Amy (behind Sandi) served as 1-on-1 technical advisor.



This 8-thread B&W spiral braid was our goal.



Mariah deserted us for the lapidary shop as soon as she finished her braiding... but, you should see the two cabs she completed! Gorgeous!



Marilyn zipping along.



A BRAID with beads added. Wow!

Once you master the basic steps, there are no limits as to what you can create using your own adventurous spirit.



Ta Da. FINISHED!

JULY 13th SATURDAY CLASS



At our June 8th class, students completed
STEP 1: Making their KUMIHIMO BRAID.

**This month, on JULY 13th, we will learn STEP 2:
How to make “cones, closures & pendants”.**

If you are NEW on July 13th, we will start you
at STEP 1. so you can catch up. No problem.*

* KUMIHIMO KIT for beginners (at cost) is \$13.80 (see June Newsletter for details) + \$2 day fee.



We discovered in June, unfortunately, that our 5-mm diameter cones were too small to push our necklace braid into properly SO for those of us who have already glued on their cones and are dissatisfied with the result...we will attempt to provide BRILLIANT ADAPTATIONS for correcting our “oopsies”. See *Design Rule #1...*

DESIGN RULE #1: Anything that can possibly go wrong, WILL go wrong.
(Wait...isn't that Murphy's Law???)


Actual DESIGN RULE #1: “In work mode, mistakes WILL ALWAYS happen!”

Your most important skill will be your ability to accept “oopsies” as part of the Process. Learn skills and techniques to be able to adjust and adapt your design until it all “works together properly”. If you *really* can't fix it to your liking, no matter what you try, go get fresh materials and start over. Just DON'T GIVE UP and QUIT!

DESIGN RULE #2: “There are a Million Ways to do Anything!” Find the way that best suits you AND find the instructor that best suits your learning style. (Very true for “lefties”) “If you just ain't getting' it”... don't immediately blame yourself or give up...explain your difficulty, ASK FOR HELP! Your solution may be the person sitting across the table from you - but they can't “help you” if you don't “ask”.

DESIGN RULE #3: “Make Many Notes of How you Did it!” Once you have arrived at your Acceptable Final Design include product model numbers of all items purchased and where you found them. Don't forget photos - pattern diagrams - samples.

DESIGN RULE #4: “Store your Final Data!” in an easy-to-find location for when you do the project again in 2 days or 20 years! You'll be dazzled by your brilliance!

JULY 13 th CLASS MATERIALS:		TOOL BOX:
“silver” wire - round 16 or 18 ga.	To make closure	Asst. jewelry pliers Flush cutters Asst Files Masking Tape Ruler Sharpie Paper & pencil Kitchen sink, lol
“silver” wire - round 20 ga.	To fix glued-on cone	
“silver” wire - round 24 ga.	To fix glued-on cone	
“end cones”		
← with bail “hole”		
Bring a Cabochon or glass (dichro, etc) pendant to wire wrap		
“silver” wire - half-hard, 22 ga - square	(opt. 21 ga.)	
“silver” wire - half-hard, 22 ga - half round	(opt. 21 ga.)	

Bring what you have...we will have materials for you to purchase (at cost). Plus your \$2 shop day Fee.

WHY HUMANS BRAID...

...An Infomercial for Captain Dave Barboza

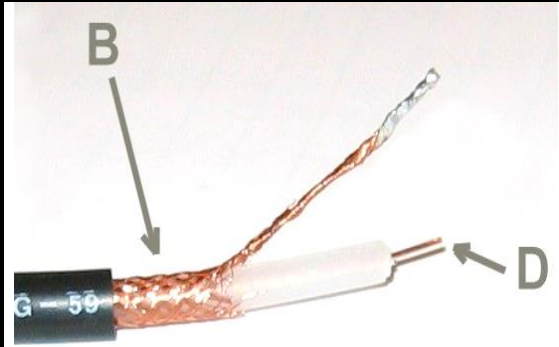


Braiding creates a composite “rope” that is thicker and stronger than non-interwoven fibers.

Early braids had many uses... costume decoration, camel girths (photo at top on right), sword decoration, bowls and hats (from palm leaves), locking devices (in Japan to secure precious tea supplies with elaborate knots), and weapons (such as slings).



Uniforms:
Gold Braid



B) braided copper wire EMI shielding
over D) Coaxial cable



A 1925 Braiding Machine

Braiding with kangaroo leather produces belts, hat bands, bridles, dog leads, & stock whips.

Machine-made LITZ WIRE (at top on left) is braids of thin insulated wires to carry high frequency signals.

Flat braids of copper wires can also be used for flexible electrical connections - as connecting a car battery negative terminal to the metal chassis... or in pressurize rubber hoses for auto brakes.



Braided ropes are preferred by arborists, rock climbers, and in sport sailing.

And Dave, even STREAMS braid - so you should, too!



The braided streams of Tanana River, Alaska.

In some river systems, small streams join together and re-divide in many places. Such stream systems are said to be “braided”.

These are often found in alluvial fans at the outlet of canyons - a result of heavy sediment deposition at high flows - followed by re-erosion at low flows.

Extensive braided river systems are found in Alaska, Canada, New Zealand's South Island, and the Himalayas - which all contain young, rapidly eroding mountains.

CLUB EVENTS

If you missed the Father's Day BBQ here's what you didn't get to enjoy!!!

THE most succulent B-B-Q Tri-Tip you've EVER tasted...
So-o-o-o-o tender
it melted in your mouth!



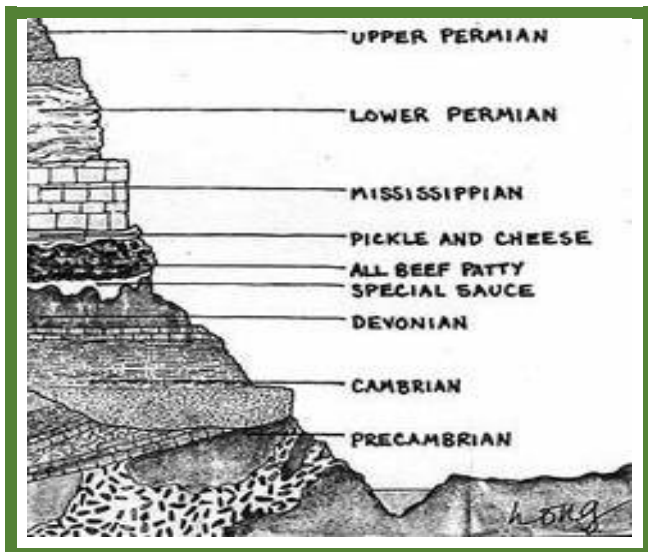
Superbly cooked by Chef Dave Barboza and his Sous Chef and wife, Brenda.

They arrived at the Clubhouse at 9 a.m. on Sunday morning to get the coals going in the big barrel. Then, when just right, Chef Dave hung the roasts and chicken from hooks over the glowing embers and let them cook to perfection! It was all well worth the last 15 minutes he needed to allow the finishing touches to fully develop before serving it to the hungry drooling expectant crowd.

Members added an absolutely amazing array of side dishes to complement the fabulous feast.



What a meal!



Exploration Trip to Nevada:



Rich took great photos for us to see. Looks nice and flat. I'm ready to GO!



Great hat, Claudia!



Rich Lundin



How do you dig for rocks with a coffee cup Brad?

I'm still waiting for the whole story of their very successful "research" trip although I did hear that they braved rattlesnakes, terrifying thunder and lightning, possible flash floods, earthquakes, tornadoes and large sand worms. But, they did get to meet Kevin Bacon so it was a win-win for all.

(Sorry, I had this left-over space to fill)

MINUTES of June 16th BOARD of DIRECTORS MEETING

Calaveras Gem and Mineral Society
Board of Directors Meeting
June 16, 2019

Meeting called to order at 10:10 a.m.
by President Anna Christiansen

Board Members Absent:

Federation Director: Marion Roberts
1 Year Director: Bob Young

OLD BUSINESS

Procedure for the Treasurer Lynn Becker is requesting that the Board of Directors be more supportive of the Treasurer by helping with developing a Procedure for the Treasurer. This will create a road map of how to complete tasks during the term as Treasurer.

- A Treasurer's Template Binder that has specific sections by category, which includes dates and amounts, is being developed to ensure accurate accounting practices.
- A reminder calendar has been developed to help the treasurer meet important deadlines to pay routine/yearly bills.
- A computerized accounting system has been adopted that will allow a lie-by-line financial statement to be produced monthly.
- An Asset & Inventory List is being assembled to monitor our club property.

Lynn Becker made a motion that by the end of the last quarter, October 2019:

- 1) The Treasurer's computer is up and running.
- 2) Treasurer's reports are being generated.
- 3) A procedure for the Treasurer is completed and in the binder.
- 4) Oversight is being provided by the Board of Directors.

Pat Gulyas seconded the motion.
The board passed the motion by majority.

Memorial Bench:

Pat Gulyas located an appropriate bench to be placed at the Club House. The bench is located at Hilltop Farm, San Andreas and the cost is within the approved allocation. She provided pictures of the bench. Karen Crabtree will be able to pay for and pick up the bench.

Storage Shed:

The storage shed located behind the Club House was destroyed by an Oak tree that fell on it. The board discussed the need to replace it.

A motion was made by Robin W. and seconded by Lynn B. to table the discussion as it may not be necessary to replace the shed based on the plan to redistribute club items in other storage units.



Big Saw Cover:

The Saw Cover has not been ordered or paid for. The Board is requesting that there be one person to act as a coordinator and be the overseer of shop repairs and replacement parts.

It was decided that Brad Becker, Bob Young and Karen Crabtree will coordinate and pay for the saw cover by a deadline set at July 2019.

2018 Audit:

The Audit Committee, Lynn Becker, Cookie Hirn and Karen Crabtree will establish a date and complete the annual 2018 Audit.

By-Laws:

The By-Law Committee, Karen Crabtree, Anna Christiansen, Romy Mueller, Lynn Becker and Debby Brooks will meet to finalize the revised By-Laws that will be presented to the club.

Cont.....MINUTES of June 16th BOARD of DIRECTORS MEETING

Rock Hound of the Year:

 The Board

The Board will pick a member of CGMS to be the Rock Hound of the Year. The Board discussed the process on how to choose the Rock Hound of the Year.

It was decided there needed to be more discussion on determining what the selection process will be. The Board tabled the discussion until the July, 2019 Board meeting.

Newsletter:

 Robin Williams

Robin is requesting from Karen Crabtree either via email or phone call to clarify if new members are requesting to have their copy of the newsletter either mailed via USPS or emailed and to also include birthdays.

There is an additional \$10.00 membership fee to have the newsletter mailed to cover the cost of postage. Is the \$ 10.00 charge for mailing being computed on a sliding scale, dependent on the month of membership?

Gem Show Updates:

 Robin W.

- **Table Covers to Cut and Sew:**
 1. There needs to be one display case table to set up to create a pattern from.
 2. Joan Sutton has volunteered to cut the fabric from the pattern measurements
 3. Sandy Ostrander has volunteered to sew the table covers
 4. Need to schedule work days to measure, cut and sew the table covers (oh my).
- **Gem Show Committee Meetings:** Need to establish dates for meetings.
- **Snack bar:** need volunteers in order to host the snack bar ourselves.
- **Need to make Kids Prizes:** Items needed are: Prize Bags, Nugget Necklaces, "new" items, rock and mineral prizes can't rely on donations. Need to consider purchasing items.

NEW BUSINESS

Saturday Classes:

 Robin W.

July 13th Class: are we still on for findings for Kumihimo necklace? (*YES see pg. 7*) Not many items left from the previous class.

Will there be an August 10th Class?
(*Yes. We'll decide what we want to do at the July 13th class or email Phyllis Kyle if you have a class request. (boomakyle@yahoo.com.)*)

CLASSES to CHOOSE FROM:	
VIKING KNIT WIRE CROCHET DIPPED FLOWERS BEADING STITCHES KUMIHIMO WIRE WRAPPING WIRE WORKING METAL SHEETING MAKING FINDINGS CHAIN MAILLE POLY CLAY	USING A TORCH BASIC SOLDERING ENAMELING STONE CARVING USING A DREMEL GLASS FUSION dichro SAFETY CLASS DISPLAY BASICS (for setting up a case at the Gem Show) Intro to Rocks & Mins

Class Fees:

The Board requested that the class organizer notify club members prior to the class, what the class fee are, materials fee or an instructor fee as requested from the class instructor. (*See pg. 7 for July 13th class.*)

NOVEMBER Tail Gate Sale: Lynn Becker announced the date of the Fall Tailgate: Saturday, November 9, 2019. Details to follow.

IRS Donation Letter:

Members requesting a donation letter for the IRS can find copies of the letter at the clubhouse located in a labeled file cabinet. The file cabinet is located in the front of the club house by the desk.

The meeting was adjourned at 11:21 a.m. by President Anna Christiansen.

Minutes respectfully submitted,

Debby Brooks, Secretary
Calaveras Gem and Mineral Society

JULY CALENDAR of EVENTS

SUN	MON	TUES	WED	THURS	FRI	SAT
	1	2 Greta A.	3	4 th of July	5	6 SHOP 10-2
7	8	9	10	11 Laurie M.	12	SHOP & 13 WIRE CLASS 10-2
14	15	16	17 Loretta Pagni	18	19	20 SHOP 10-2

And don't forget... starting this year we will be having

Club Meetings throughout the SUMMER

on the 3rd Sundays – (as always)

July 21st & August 18th

JULY 21 MEETING Debby Brooks Steve M.	22	23	24	25	26	27 SHOP 10-2
28	29	30	31			

JULY BIRTHDAYS

Greta Alexander	2
Laurie Matsuoka	11
Loretta Pagni	17
Debby Brooks	21
Steve Minneci	21

HAPPY BIRTHDAY

July Birthstone



Carved RUBY in Fuchsite

JULY EVENTS

Check out all the Farmer's Markets in our area.

Go to mymotherlode.com

and get ALL of the Summer Events.