

YUBA SUTTER GEMS



YUBA SUTTER GEMS
P.O. BOX 269
MARYSVILLE, CA 95901-3118



GENERAL EDUCATION MEETING

Thursday, Jun 27, 2019
7:30 pm
Feather River Baptist Church
5400 Chestnut Road
Olivehurst, CA 95961

ANNUAL CLUB PICNIC

13 July 2019
Hammon Grove State Park
11:00am to 500pm

SUTTER BUTTES GEM & MINERAL SOCIETY
P. O. Box 269
MARYSVILLE, CA 95901

EXECUTIVE COMMITTEE 2019

OFFICERS

(Area Code: 530)

President	Larry Baird	916-607-7734
Vice President	Tim Unruh	633-9623
Secretary	Inez Berg	633-4612
Treasurer	Karen Horita	916-677-6696
Bulletin Editor	Carollyn Lutton	823-1917
Field Trip Chairman	Tim Unruh/Gerry Hill	633-9623
Show Chairman	Karen Horita	916-677-6696

DIRECTORS

Past President	Debra Bluford	916-308-6907
1-Yr Director	Lucy Baird-Clark	743-5561
2-Yr Director	Candi Baird	635-5167
3-Yr Director	Rebecca Heverin	743-3808

STANDING COMMITTEES

Federation Director	Inez Berg
Program Chairman	Tim Unruh
Membership Chairman	
Club Librarian	Inez Berg
Junior Director (Rock Stars)	Inez Berg
Publicity	Karen Horita
Historian	
Sunshine Chairman	Carol Nelson 673-2146
Hospitality Chairman	All Club Members
Web Site	sutterbuttesgemmin.org

Sutter Buttes Gem & Mineral Society is a member of
California Federation of Mineralogical Societies
and affiliated with the American Federation of Mineralogical Societies

Exchange Bulletins send to: Bulletin Editor
P.O. Box 269
Marysville, CA 95901

(Club bulletin material should be in-hand of the Editor by the third Tuesday of the month. Permission to reprint is granted, proper credit will be appreciated.)

DUES: Single - \$20.00
Family - \$25.00

MEETING PLACE:

Feather River Baptist Church
5400 Chestnut Road, Olivehurst, CA 95961

TIME: Executive Board, 4th Thurs, 7:00pm
Education Meeting 4thThurs, 7:30pm

YUBA SUTTER GEMS

June/July 2019

SUTTER BUTTES GEM & MINERAL SOCIETY

“An All American Club”

FROM THE PRESIDENT’S PEN

I hope you all had a Happy Father’s Day. Thanks to Tim Unruh for his presentation of the video about Mount Kilimanjaro at last month’s meeting. At our next meeting, time he is presenting a video about asteroids.

An outdoor field trip on June 20th to Pulga, which is about 53 miles northeast of Marysville on Highway 70. was planned. A map is posted on the website(<https://sutterbuttesgemmin.org>).

We are planning our club picnic on July 13, from 11 a.m. until 5 p.m. It will be held at Hammon Grove State Park which is approximately 10 miles east of Marysville off Highway 20 just past Sycamore Ranch. The club will provide the hamburgers, hot dogs, condiments & buns. Members are asked to bring a side dish as well as your own plates, utensils & drinks. Please remember the park does not allow alcohol beverages on site. This fun filled picnic takes the place of our July meeting..

As always, looking forward to seeing all of you at the June 27th meeting.

Respectfully submitted,
Larry Baird

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DATE TO REMEMBER

Jun 27 7:00 PM Business Meeting

7:30 PM General Educational Meeting, Feather River Baptist

Church

5400 Chestnut Road, Olivehurst, CA

Program: Video about Asteroids

Jul 13 11:00AM – 5:00PM - Annual Picnic, Hammon Grove Park

UPCOMING SHOWS

**Aug 3 – 4: San Francisco Gem & Mineral Society
San Francisco County Fair Building
9th Avenue & Lincoln Way, Golden Gate Park
San Francisco, CA**

**Sep 21 -22 Feather River Lapidary & Mineral society
Silver Dollar Fairgrounds, 2357 Fair Street
Chico, CA**

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“An All American Club”

SUTTER BUTTES GEM & MINERAL SOCIETY

BIRTHDAY FOR JUNE

Birthstones: Pearl, Alexandrite & Moonstone

Flower: Rose

8th – Connor Oliver & Lani Steele
 9th – Larry Baird

13th – Candi Baird
 27th – Pat Roper

Those of you who were born in June have something that those born in other months don't. You have three birthstones to choose from. Each one is elegant in its own way.

ALEXANDRITE: Alexandrite is a transparent chrysoberyl. A significant quality of alexandrite is its special optical effects. In daylight, it is grass green or emerald color, but changes to wine red or brownish red when exposed to an incandescent light. Gems that have this characteristic are called phenomenal stones. Alexandrite was first found in the Ural Mountains in Russia in the early 1800s. The stone was named for Prince Alexander who later became Alexander II. Alexandrite primarily comes from Brazil and Sri Lanka. It is also found in Burma, Tanzania, and Zimbabwe. Chrysoberyl has a hardness of 8 ½, cleavage is good in one direction and poor in two others. It has a vitreous luster and streaks white. Alexandrite is quite expensive because of its qualities and rarity.

MOONSTONE: Moonstone is a translucent to transparent alkali feldspar. It got its name from the Romans, who believed that it was formed out of moonbeams. Moonstone has a shimmering glow to it that is caused by two different types of feldspar that have different refractive indexes. Moonstones come in a variety of colors, ranging from blue, gray, pink, green, brown and yellow. It can also be colorless or even rainbow colored. The best quality moonstones have a blue sheen, perfect clarity, and a colorless body color. Moonstone has a hardness of 6 to 6 ½. Its cleavage is good in two directions at 90 degrees. Its luster is vitreous, and it streaks white. Moonstone is found in many locations of the United States. Other areas it can be found are Sri Lanka, Southern India, and Madagascar.

PEARL: Pearls are considered a gemstone, however, they come from a much different origin. They are extracted from oysters. A pearl is formed when a foreign body like a grain of sand becomes lodged inside the oyster. The oyster coats the object with many layers of a pearly substance called nacre, to ease irritation. Today, most pearls are cultured meaning that someone inserted something into the oyster starting the pearl. Pearls come in a variety of colors like silver, silver pink, silver white and black. Pearls are graded according to size, shape, luster, color, orient and surface perfection. Pearls come from oysters around the world, however, many of the tropical islands are renowned for the superb pearls.

from *Rock Writings* 98, via *CHIPS* 6/99

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BIRTHDAYS FOR JULY

Birthstone: Ruby

Flower: Larkspur

2nd – Lucy Baird-Clark
 19th - Grace Hill

21st – Marlys Rocha
 31st – Inez Berg

Deep red corundum, the Ruby, is one of nature's most beautiful and durable gem stones. Formed of aluminum and oxygen elements, its translucent crystals are tinted red with chromium. Though the most highly valued are clear, some contain tube-like inclusions, giving a “star” and “cat's-eye” effect. The crystals are hexagonal, hardness 9; mostly squat to barrel-shaped or short and flat.

Most rubies are found in alluvial deposits, freed from the igneous rock by weathering. The finest stones come from Burma; poorer quality from Thailand and Cambodia and some from North Carolina. Mining for rubies is done much as it was centuries ago – miners dig down about fifteen feet to the gem-bearing gravel, sift it through wire screens and continue in a panning method similar to that used for gold.

Over the centuries, rubies have become associated with the sun, a strong preserver of mental and physical health; a symbol of freedom, charity, dignity and divine power. *via Shasta Gem & Min Soc, 7/95*

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MINUTES, BOARD MEETING— May 23, 2019

The meeting was called to order by President Larry Baird There were 10 Board members present.

SECRETARY: Motion to approve the minutes of the meeting of April 25th, as printed in the bulletin, was made by Debra and seconded by Karen.

TREASURER: Karen handed out printed reports.

SHOW: Two vendors have paid. We will only one sign up in Marysville due to construction. The fairgrounds have been contacted and will write up our contract.

PUBLICITY: The meeting night had been announced on 93.3 FM.

NEW BUSINESS: A new membership list was handed out. The 2nd Saturday in July was picked for the annual picnic. Parks Department will be contacted to use Hammon Grove Park.

FIELD TRIP: Gerry spoke about a field trip he had been on for “Pulga jade” years ago. It was decided to do a field trip for “Pulga jade” on the third Thurs. in June, June 20th. Field trippers will meet at the Wal-Mart in Oroville.

LIBRARY: Inez put a notebook on the bookcase for people to check out books.

There being no further business, the meeting was adjourned.

Respectfully submitted,
Inez Berg, Secretary

MINUTES, EDUCATION MEETING, MAY 23, 2019

The meeting was called to order by President Larry Baird. He then led the flag salute.

SECRETARY: Motion to approve the minutes of the meeting of April 25th, as printed in the bulletin, was made by Liz and seconded by Lucy.

SHOW: Two vendors have paid. Fairgrounds will write up our contract. We will have one sign in Marysville at 10th St. We will be able to get into the building early for set up.

FIELD TRIP: Thursday, June 20th for “Pulga jade” (nephrite, jadeite). Members will meet at the Wal-Mart in Oroville at 10:00 am. Bring your lunch and plenty of water.

NEW BUSINESS: Our annual picnic has been scheduled for July 13th at Hammon Grove Park.

GUEST: Steven Jones. Welcome Steven.

There being no further business, the meeting was adjourned.

Respectfully submitted,
Inez Berg, Secretary

PROGRAM: Movie, Mt. Kilimanjaro, provided by Tim Unruh

Five people were followed on their climb of Mt. Kilimanjaro. They started through cultivated fields, through forests, then high desert with lots of rocks and showy cactus flowers, eventually through snow and ice and the air became very thin. Mount Kilimanjaro is called the “Roof of Africa”, the highest mountain located in East Africa. The mountain is lava and ash. On the heights the ice that forms overnight gradually melts and the cactus blossoms open. The climb is finished on half oxygen and ropes help with the climb up. You can look down into 400 ft. deep dormant craters. Guides carried the tents and supplies. The climbers on this trip included a father and his young daughter and a father and his young son. The young man complained of his legs “feeling heavy”. All decided they would do it again.

Inez Berg, Secretary

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**SUTTER BUTTES GEM & MINERAL SOCIETY’S
ANNUAL PICNIC**

- DATE:** 13 July 2019
- PLACE:** Hammon-Grove State Park, approx 10 miles east of Marysville on Hiway 20, just past Sycamore Ranch, over the bridge – first right turn into Park
- TIME:** 11:00 AM TO 5:00 PM
- FOOD:** Club provides hamburgers & hotdogs, members Provide salads, beans, desert, etc.
Please provide your own drinks (no alcohol)
- ALSO:** Bring plates, utensils & chairs to sit on

EVERYONE COME AND HAVE A GREAT TIME!!!

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SCOUT NIGHT, OCTOBER 28, 2004:

The meeting was called to order and several Cub Scouts led the Pledge of Allegiance to the Flag. Club members were at several tables with metamorphic rocks, mineral charts, fluorescent rocks displayed in a dark closet, information about the Lewis and Clark expedition, how fossils were formed, how a volcano worked. Some of the Scouts learned to make pony bead animals and went home with their beaded animal key chains. A hit of the evening was gold panning with several scouts going home with a small vial of gold. The total number of club members, scouts, parents, scout leaders attending was 164. The Scouts were all ages, both boys and girls. The Scout Night had been planned by member and Scout leader, Donella Patalon. She asked if the club could participate in helping Scouts earn their geology badges since we are an educational club.

Because of the large turn-out, Donella obtained the Veteran’s Hall in Yuba City for a one-day, Saturday event once a year. Tables were set up with displays and information on volcanoes, faults and folds, items made from rocks, fluorescent rocks, road building material, bridges, how a study of geology could lead to a job in the field, dinosaurs, fossils, etc. The information tables were staffed by Rock Club members and Scout leaders. For rock identification, each Scout went home with an egg carton filled with various kinds of rocks and labels for each rock. This yearly event was held for several years.

As more and more of the Scouts earned their badges, attendance dwindled somewhat and the Saturday event was cancelled. Two large tables were set up at our yearly Rock Club Show and Scouts continued to get information on geology. They had fossils to find, informational story boards and a working volcano. They also continued to receive egg cartons with rocks and labels, furnished by the Sutter Buttes Gem & Mineral Society. The last year this event was part of the show was 2016.

Inez Berg, Historian

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ROCK HOUND DADS

<p>Some dads prefer a day of rest A hammock in the shade, A BBQ, a book to read A glass of lemonade Some dads enjoy a game of ball: Some watch, while others play Some take to fishing pole in hand To while away the day</p>	<p>By Jane Webb But rock hound dads are different To them a day of fun Is climbing up a dusty hill, Ignore the beating sun, With pick and shovel dig a hole, Break rocks with zeal and zest, With bulging pack they’ve had their day As the sun sets in the west.</p>
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