



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



GENERAL EDUCATION MEETING

Thursday, January 24, 2019

7:30 pm

Feather River Baptist Church

5400 Chestnut Road

Olivehurst, CA 95961

January's Program

DVD - "Birth Of A New Gem".

SUTTER BUTTES GEM & MINERAL SOCIETY

P. O. Box 269

MARYSVILLE, CA 95901

EXECUTIVE COMMITTEE 2019

OFFICERS

(Area Code: 530)

President	Larry Baird	916-607-7794
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 & Liz Foster	916-677-6696

DIRECTORS

Past President	Debra Bluford	916-308-6907
1-Yr Director	Lucy Baird-Clark	743-5561
2-Yr Director	Candi Baird	916-607-7794
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 (30-673-2146)
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**

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

**(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.)**

**MEETING PLACE:
Feather River Baptist Church
5400 Chestnut Road, Olivehurst, CA 95961
TIME: Executive Board, 4th Thurs, 7:00pm
Education Meeting 4thThurs, 7:30pm**

January 2019

SUTTER BUTTES GEM & MINERAL SOCIETY

“An All American Club”

FROM THE PRESIDENT’S PEN

I hope everyone had a Merry Christmas and a Happy New Year. I would like to personally thank Kenneth and Mary Cole for hosting the Christmas/Installation Dinner. Thanks also to Tim Unruh for his installation presentation and to Karen Horita for bringing the supplies for decorating ornaments. And, of course, thanks to all who attended for making it a very enjoyable time.

As a reminder, club dues are payable on January 1, 2019. To remain in good standing, you must pay your dues by March 31, 2019.

I have taken over managing the Club website and I have made some changes. If you have any suggestions or comments, please let me know.

Looking forward to the New Year and all that it brings. See you at the meeting on the 24th. Tim Unruh will be presenting a DVD called “Birth Of A New Gem”.

Respectfully submitted,
Larry Baird

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DATE TO REMEMBER

Jan 24 7:00 PM Business Meeting
7:30 PM General Educational Meeting, Feather River Baptist Church
5400 Chestnut Road, Olivehurst, CA
Program: Birth of a New Gem

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UPCOMING SHOWS

23-24 Mar Roseville Rock Rollers Gem & Mineral Society
Roseville Fairgrounds, 800 All American city Blvd, Roseville
HOURS: Sat 20-5, Sun 10-4

27 – 28 Apr The Reno Gem & Mineral Society, Inc
Reno sparks Livestock Events Center,
1350 North wells Ave, Reno
HOURS: Sat 10-5, Sun 10-4

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WELCOME TO OUR NEW MEMBERS

Eric & Marianne Sweetwood
P.O. Box 51
Bella Vista, CA 96008
530-215-7790 & 530-410-5458

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DON’T FORGET YOUR DUES ARE DUE AND SHOULD BE PAID BY MARCH 31st !!!

Dues should be made out to Sutter Buttes Gem & Mineral Society
They can be paid at the meeting or mailed to
Sutter Buttes G&M Soc, P O Box 269, Marysville, CA 95901

BIRTHDAYS FOR JANUARY7th – Gerald Hill15th – Elizabeth Foster**Birthstone:** Garnet**Flower:** Carnation

Ancient warriors believed that garnets brought victory. The Crusaders used them as protection against wounds and accidents during their journeys. In contrast, Asiatic warriors believed that glowing garnets, used as bullets, inflicted more severe wounds. In 1892, during hostilities on the Kashmir frontier, the Hanza tribesmen fired on British soldiers with garnet bullets, believing them to be more effective than lead bullets.

The name "garnet" is derived from the Latin "granatum" meaning "pomegranate" because the crystals resemble the red color and seed-like form of this fruit. Most people think of the garnet as a red gemstone, but in fact, it exists in all kinds of colors, such as black, many shades of red and green, or even colorless. The garnet's variety of colors comes from metals such as manganese, iron, calcium, and aluminum. Some varieties even contain mineral fibers that produce the illusion of a four- or six-rayed star within the stone. Green garnets are most highly prized but are very rare. Emerald green and colorless stones are highly valued, followed by pure red garnets.

Garnets are commonly found as small pebbles in streams, where the igneous and metamorphic rocks that contain them have weathered away. They're found in many places around the world, including North and South America, Australia, India, Asia and Spain.

In the former Czechoslovakia, evidence of garnet jewelry dating to the Bronze Age was found – garnet necklaces were discovered in the graves of ancient lake dwellers. Garnet jewelry has also been discovered dating back to 3100 BC in Egypt, 2300 BC in Sumeria, and 200-1000 BC in Sweden. Garnets were treasured in 3rd and 4th century Greece and continued in popularity during Roman times. Across the Atlantic, Pre-Columbian Aztec and Native Americans also used garnets in their ornaments.

As with many precious stones, garnets were once believed to hold medicinal powers. In Medieval times, it protected its wearer against poisons, wounds and bad dreams, and cured depression. Red garnets relieved fever, hemorrhages and inflammatory diseases. To modern users, the garnet symbolizes a light heart, loyalty and enduring affections.

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FOR THE NEW YEAR'S GARDEN:

PEAS Plant seven rows of Peas: **P**leasing **P**ersonality; **P**resence; **P**romptness; **P**reparation;
Perseverance; **P**urity

SQUASH: Three rows: Squash gossip; Squash criticism; Squash indifference.

LETTUCE Seven Rows: Let us be faithful to our duty; Let us be unselfish; Let us be loyal; Let us be true to our obligations; Let us love one another; Let us not forsake the assembling of ourselves together; Let us not be weary in well-doing.

TURNUPS No garden is complete without turnips: Turn up for meetings; Turn up with a smile; Turn Up with new ideas; Turn up with determination to make everything count for something good and worthwhile.

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PEARLS IN TREES

Pearl formed by oysters or other mollusks are made of aragonite, a form of calcite (calcium carbonate). These are well known, but the most surprising pearls are those that grow on trees – Cocoa Palms. A coconut pearl occurs inside the nut when the three holes, including the one that opens, are lacking. The embryo, unable to escape, forms a valuable and highly esteemed pearl of the same carbonate of calcium.

-from *Rockbender's Gazette* 6/06 via *The Rockpile* 9/06 & *Dinny's Doin's* 10/06

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MINUTES, BOARD MEETING—NOVEMBER 29, 2018

The meeting was called to order by President Debra Bluford.

SECRETARY: Motion made, seconded and passed to approve the minutes from the October 25, 2018 meeting.

TREASURER: Karen passed out Income/Expense statements for the November 2018 show; she went over the numbers for the various categories for income and expenses. This year’s show was down 18% due to the Paradise fire. Two vendors did not show; one was accounted for as she called to say that she could not get to Yuba City due to the fire. There was no word on the other vendor.

Respectfully submitted,
Mary Cole, Secretary

MINUTES, EDUCATIONAL MEETING: November 29, 2018

The meeting was called to order by President Debra Bluford.

SECRETARY: Motion was made and seconded that the club approve the minutes from the October 25, 2018 meeting.

TREASURER: Karen passed out Income/Expense statements for the November 2018 show; she went over the numbers for the various categories for income and expenses. This year’s show was down 18% due to the Paradise fire. Two vendors did not show; one was accounted for as she called to say that she could not get to Yuba City due to the fire. There was no word on the other vendor.

Respectfully submitted,
Mary Cole, Secretary

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KNOW YOUR ROCKS

Leaverite: Also known as Dropite, Junkite and Crudite. This type of rock should be discarded immediately. It constitutes 90% of most rocks. This includes Sourgrape Agate and Mutilated Quartz.

Sack Rock: This material is stuffed into a sack but falls from the top as the bearer struggles back to the car. If taken home, it will be tossed into the corner and forgotten.

Wonder Rock: You always wonder why you brought it home, and where you found it.

Braggin’ Rock: Also called Pocket or Eating Rock. This material is licked, rubbed, spit upon or fondled until it assumes a near polish and frequently passed around for admiration.

@#*&! Rock: A large heavy, possibly angular rock that falls on your foot as soon as you have removed your hiking boots. from *Blue Agate Newsletter* 4/00 via *CHIPS* 5/00

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INTERESTING FACTS ABOUT AMBER

- The Father of Healing, Hippocrates, declared that amber would treat a number of diseases, including DTD.
- According to Mohammed, a believer’s prayer beads should be made of amber.
- Martin Luther carried a piece of amber in his pocket as a protection against kidney stones.
- In the 16th century a bishop in Sweden wrote that the smoke from amber drove away devils and witchcraft.
- Amber is not forever! 2,000-year-old Roman amber beads have acquired anew thick crust. The Baltic Amber jewelry from the last centuries has a fine net of new crust on the surface. It is possible to polish it, but it is very difficult with the faceted kind that was common then. Some amber from the Dominican Republic crusts after only 10 to 20 years. In the Museum for Naturkunde in Stuttgart, Germany, their valuable collection of amber inclusions is preserved in plastic coating to keep them from crusting. Only the amber deep down in geological deposits, away from oxygen, has survived since it was oozing from the trees.

- Reported in *Gem Faire Quarterly* via *CGMS NEWS* 10/04

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TIGER-EYE

by Hank Kral

Think about this: How many of you really know what tiger-eye is? Is it a mineral or its own category? Is it a rock? Where does it come from? Don't know?

You see, most of us know what tiger-eye is, but I believe few of us know what it really is. About a year ago, I wrote in this column about "pseudomorphs". It was Halloween time, when people don a costume to become something or someone they are not. Thus, in the mineral world this occurs also. A pseudomorph is a fake or "false form", a commonly known one being limonite cubes after pyrite. Well, tiger-eye is a pseudomorph of microcrystalline quartz after asbestos, or more precisely, crocidolite.

Under proper conditions, quartz will even replace, cell by cell, certain organic (once living) structures, resulting in petrified wood or coral. Under even more specific conditions, quartz will replace other minerals, reproducing in its own silica, the other mineral's exact form, molecule by molecule – thus, a false form or pseudomorph.

The golden or blue tiger-eye known to every rock hound in the world comes from one single location in the world. Do you know where? Well, it comes from a tiny spot in the desert area of the Union of South Africa – Priska, Cape Province, being the tiger-eye capital of the world.

It starts out by being organically soft asbestos fibers before being transformed into blue (hawk's eye) quartz. The third color, cherry red, is a result of heating golden tiger-eye in an oven for a short period.

It is hard to find any true-blue tiger-eye that will take a mirror polish without producing many pits and blemishes. Thus, the golden variety is the most common in jewelry trade.

By reading this column, I hope you will see tiger-eye in a new and more understanding light when you come across it in our hobby.

via *ROCK ROLLERS* 1998, *CHIPS* 4/99

WHO NAMED THE DINOSAUR?

Sir Richard Own (1804 – 1892) named the dinosaurs in 1841. At the time he was a famous British anatomist who had been asked to review all the fossil reptiles that had been described to that date from the British Isles. He was able to recognize that some fossil reptiles were totally unlike any other fossil remains. He gave them the name *dinosaur* meaning terrible reptile. From the evidence Owen gathered, he was sure those reptiles were as big as elephants.

from *Rocks Digest* 4/96 via *ROC TOC* 1/98

2019 DUES ARE DUE

Yes, it's that time of the year again – time to pay your 2019 Membership Dues
Dues are due by January 1st, and must be paid no later than March 31st to remain a member in good standing
and be listed in the 2019 Membership Roster

NAME: _____

TELEPHONE: _____

___ Single Membership (\$20.00)

ADDRESS: _____

___ Family Membership (\$25.00)

E-Mail _____

Pay to the order of Sutter Buttes Gem & Mineral Society and send your payment to

Sutter Buttes Gem & Mineral Society
P.O. Box 269
Marysville, CA 95901

or bring it to the next meeting