

PALOMAR GEM & MINERAL CLUB

VOLUME 60 - ISSUE #9
OCTOBER 2019

BOARD OFFICERS ELECTED

President	Jef Wright
Vice President	Justin Engelmeyer
Secretary	Fred Floyd
Treasurer	Toni Floyd

BOARD OF DIRECTORS (APPOINTED)

CFMS Chairperson:	Toni Floyd
Field Trips:	Melissa Takagi
Parliamentarian:	Chris Toft
Shop Coordinator:	Alan Mazzola
Program Chair	Karen Wagner
Show Chair	Michele Shepard
Newsletter Editor	Carol Hiestand
Website:	Ian Burney
Membership Chair	Lori Goodman

STANDING COMMITTEES (APPOINTED)

Facebook Page	Jeff Fox
Ways & Means	Dawn Wright
Historian	Barbara Bury
Hospitality & Good Cheer	Judy Jessup
Meeting Displays	Barbara Bury
Picnic Coordinator	Moni Waiblinger
Refreshments	Dawn Wright
Redwood Rep	Barbara Bury
Librarian	Chris Toft
Calendar	Justin Engelmeyer

NEXT MEETING:

WEDS OCT 16, 7 PM

**DITTUS HALL, REDWOOD
TERRACE**

710 W. 13TH AVE. ESCONDIDO

SILENT AUCTION!!

**BRING STUFF TO SELL,
FRIENDS AND \$\$\$\$!!!**

Still needed: CFMS Chair

**HAPPY BIRTHDAY
TO OCTOBER
BIRTHDAY
MEMBERS!!**

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BIG THANKS TO:

**Eric Brooking for his
informative talk about
turquoise! He is very
knowledgeable and brought a
variety of turquoise for us to
examine. (p 9-10) Take away:
be cautious buying online!!!**

****UPCOMING CLASSES****

Lapidary & Silversmith Workshop

2120 W. Mission, Suite S., Escondido

Cabochon/Lapidary Class & Open Workshops

Tuesday 6:30 – 9:30 pm

Wednesday 11:00 am – 2:00 pm

Thursday 2:00-5:00pm

Learn to cut and polish a rock into a beautiful stone suitable for wire wrapping or fabricating in

metal. A fantastic assortment of material is available for purchase on site.

The workshop is also open for general use. No prior registration needed.

Thursday 6:00 pm – 9:00 pm **METAL SMITHING only - open for to those students who have had metal smithing instruction or experience and/or have instructor approval.** Those students who have attended an introductory class may continue to work on improving their skills in this weekly workshop. An experienced metalsmith will be available for consultation.

Cost: A \$7 shop fee will be collected for regular workshop. Club membership required.



Introduction to Faceting

An informative introduction and hands-on experience in the world of gem cutting. Learn how to

create a gem out of a piece of rough, during a weekend class. No machine required. Return

students welcome with or without their own machine. Each class can accommodate 3 new

students without machines and 3 returning students with their own machines.

Instructor: Bob Johnson

Location: Club Shop

Dates & times: Saturday, October 12, and Sunday October 19, 2019 – 9am -5pm

Cost: \$80 New students. Club membership required. \$70 return students.

Contact Bob Johnson for more info or to register - 760-809-0152 or email Bob at N78532@yahoo.com

Faceting – Continuation Class

This is a class for continuing students who have completed the Introductory Class and is held once per month, from 9 to 5 on the Saturday following the general meeting, (which is always on the third Wed.)

Instructor: Bob Johnson

Location: Club Shop

Cost: \$35.

October workshop – October 19, 2019, 9-5

Contact Bob Johnson for approval and to reserve a spot - 760-809-0152 or email Bob N78532@yahoo.com

Lost Wax Casting

This is a 3-day class to introduce the student to Lost Wax Casting.

Instructor: John Raabe

Dates & times: Wednesday, October 30, 6-9 Introduction to Lost Wax Casting Procedure

Friday, November 1, 6-9pm –Investment

Saturday November 2, 1:00-? pm Burnout

Cost: \$100. Must be a club member. Returning students \$75

Materials: All required materials will be provided including one ounce of silver

Requirements: Class is limited to 4 members

****Please RSVP by October 23rd, to John Raabe @ 760-749-2749**

Silversmithing – Byzantine Chain & Queen's link



This is one day basic chain class. The students will learn to weave jump rings to create these ancient designs. You will have the opportunity to make either chain or both No soldering is required.

Instructor: Annie Heffner

Dates: Sunday – October 6, 2019

Time: 10:00am – 4:00 pm

Cost: \$35 (club membership required - \$25 fee for single membership)

Materials additional.

****Call Annie Heffner at (760) 855-5406 and leave a message or email annieheffner@hotmail.com for more info or to register.****

Forged Bracelet Class



In this class, we will shape a couple of simple sterling silver bangle bracelets with a soldered clasp. These bracelets make fast and easy gifts.

Instructors: Diane Hall and Annie Heffner

Date and time: October 26, 2019, 10am – 4pm

Location: Club shop

Cost: \$35, plus materials fee

****Call Diane Hall at (760) 741-0433 (leave message for call back) or email dianehall213@gmail.com for more info or to register.**

Textured Metal Class



Come and join in the fun, exploring how to texture metal and make one-of-kind earrings (3 to 4 pairs) or a bracelet). They are great gifts. You may also learn how to make your own ear wires.

Instructors: Diane Hall & Annie Heffner

Location: Club Shop

Dates: Saturday, November 9, 2019

Time: 10am-4pm

Fee: \$35 plus supply cost (club membership required - \$25 fee for single membership). You will

need about 1 ounce of silver or copper sheet, which we will purchase for everyone who is signed up by November 1st. Sign ups after that will need to provide their own material.

Sign-up: Call Diane at 760-741-0433 (leave message for call back) to register or email me at dianehall213@gmail.com (preferred). Class is limited to 6 so sign up early.

These Tracks Were Made by a Foot-long Worm on a Death March 550 Million Years Ago

By [Hannah Osborne](#) On 9/4/19

[Tech & Science](#) [Evolution](#) [Virginia Tech](#)

Scientists have discovered the tracks of a worm-like animal that lived and died around 550 million years ago—a key point in the evolution of life on Earth. The creature, which has been named *Yilingia spiciformis*, represents one of the few animals from this period that were capable of movement, so finding both its fossilized tracks and remains together provides huge clues into early animal evolution.

Virginia Tech's Shuhai Xiao and colleagues found 35 fossils of the species—which existed between 551 to 539 million years ago—in the Dengying Formation in south China. "These carbonate rocks were deposited in balmy shallow waters between 550 and 540 million years ago, more than twice older than the oldest dinosaurs," Xiao said in a statement.

In a study published in [Nature](#), the team has now described the species, saying it would have been about 11 inches in length and between 0.1 and 1 inch wide. It was made up of about 50 segments and could not only move around independently, were capable of making decisions—the trail appears to suggest the creature was trying to move away from something, researchers say.



Artist impression of *Yilingia spiciformis*. Researchers believe the creature could move and make decisions. Zhe Chen Nanjing Institute of Geology and Paleontology) and Shuhai Xiao (Virginia Tech

The team also said that *Y. spiciformis* was on a "death march"—the fossil appears to show the creature shedding its guts shortly before dying, leaving a trail known as a mortichnium.

Independent movement is a trait thought to have evolved at some point around 580 million years ago. Before this, animals were immobile, like sponges and corals today. "The earliest convincing evidence for animal mobility is probably around 560 million years, maybe up to 570 million years," Xiao told *Newsweek*. "So our fossils are not the oldest evidence for animal mobility, but they are thus far the oldest known evidence for the mobility of segmented animals."

He said plenty of ancient trails and tracks can be found, but working out what animal made them is challenging. "It was still a surprise when we discovered the trace and

its trace maker were preserved together and physically connected," he said. "This helped us to unambiguously determine the kind of animals that made this kind of trails."

Y. spiciformis belonged to a group of animals known as bilaterians—which today includes most animals, including humans. "The evolution of animal mobility, and particularly the evolution of mobile segmented animals, is a key evolutionary innovation," Xiao said. "Animals are movers and shakers in [the] modern world. The rise of mobile animals more than half a billion years ago changed the Earth in a significant way because they modify the geochemical cycles."

He said the team now plans to place *Y. spiciformis* into the family tree to constrain its place in history. They also hope to find out more about the marine ecosystem of this period.

Rachel Wood, from Scotland's University of Edinburgh, who was not involved in the research, commented on the discovery. "This is a remarkable finding of highly significant fossils," she said in a statement. "We now have evidence that segmented animals were present and had gained an ability to move across the seafloor before the Cambrian, and more notably we can tie the actual trace-maker to the trace. Such preservation is unusual and provides considerable insight into a major step in the evolution of animals."

Many thanks to Eugene Ciancanelli for contributing this article!

MOE MOZINGO AND THE MIDGET WRESTLERS

By: Gene Ciancanelli

In 1974, I'm recently and soon, at my own choosing, to be briefly employed by a small Canadian energy and mining company to manage their American operations. I have had little contact with the Canadian office in Calgary, Alberta and have only a casual acquaintance with the company's officers. Usually I'm doing fieldwork while Betty manages the office and deals with the endless paperwork. My first trip to Calgary is during the annual Calgary Stampede Rodeo week, when everyone in Calgary suddenly becomes a cowboy or cowgirl. In those long-ago days, passengers arriving in Calgary exit the airplane by using a mobile stairway that is rolled up to the plane's door. Stepping out of the plane's door, I look down to see Moe Mozingo, the company's president, and his wife Joyce waving up from the tarmac. Moe wears a white cowboy hat with a lizard-skin hatband, a powder blue sequined cowboy suit with lizard-skin cuffs at his wrists, and matching lizard-skin cowboy boots. Joyce is dressed exactly the same, except her cowgirl suit is bright pink. Both Moe and Joyce are short and overweight, causing their round bodies to bulge from their colorful tight fitting polyester costumes. Controlling an urge to laugh, I maintain a friendly composure with a smile and wave as I descend the plane's stairway, while thinking of the Pillsbury Dough Boy and his wife in cowboy garb. Moe, Joyce, and I climb into Moe's company car, a new long red Cadillac convertible with black and white plaid upholstered seats. Moe doesn't confine bad taste to his wardrobe. Three overweight people, a drugstore cowboy, a cowgirl, and a Guinea geologist dressed in a 1970's era bell-bottom-polyester business suit, ride in a red convertible to Moe's rented mansion. Moe takes the scenic route and drives slowly through downtown Calgary waving his cowboy hat accompanied by a tooting Cadillac horn. Sitting in the Cadillac convertible's back seat in a business suit, I probably look like a politician fishing for votes. The Mozingo mansion includes everything a house could possibly have, including a full-size indoor swimming pool, sauna,

and spa. It is impossible not to like Moe and Joyce. They are friendly people and wonderful hosts, who go out of their way to make me comfortable and overfed.

Two months after the Calgary Stampede visit, I'm back in Calgary and money is now tight. Betty and I are paying the firm's American operating expenses and employee wages with promises that we will soon be reimbursed. At the time, the company had substantial assets including oil leases in the North Sea, the world's largest potash deposit, producing oil and gas wells, and the largest geothermal lease holding in the United States. On this trip, Moe and I are to develop a plan for a pending meeting with a large energy firm where we hope to sell some leases to raise money. I arrive late on a Friday afternoon and Moe meets me at the airport in a new gold Cadillac convertible. (Gene) *"Moe what happened to the red Cadillac?"* (Moe) *"I got tired of the color and I never liked the upholstery fabric. I turned it back in and leased this gold Cadillac. Feel this gold fur upholstery. It is so soft and warm."* (Gene) *"Doesn't the company lose money when you turn a new leased car in before the lease term is up and then you turn around and lease another car?"* (Moe) *"We only lost two thousand dollars and I like this car a lot better. It gives the company a better image if I drive a more elegant gold car instead of a flashy red one."* While I'm rolling over in my mind the dubious advantage provided by a supposedly elegant but equally flashy gold Cadillac compared to a flashy red one, I ask, *"Moe the company hasn't paid the employee wages in months. I'm personally paying all the wages and expenses to run the American operations and you're wasting money on silly things like your image?"* (Moe) *"Don't worry, our cash flow problems are short term. In a few months the company will have plenty of money and you will get reimbursed."* I should have been dope slapped for believing Moe. At the Mozingo mansion, we don't get right to work, because Moe's wife has planned a beefalo cookout for our dinner. Until that evening, I had never heard the word "beefalo". I'm unaware that Moe is trying to convince his new good buddy Royal Nixon into a scheme to sell beefalo-cattle sperm. The dinner festivities occupy Friday evening. We agree to meet back at Mozingo Manor, bright and early on Saturday

morning, to conduct business before my late afternoon return flight.

Saturday morning, Moe and I enter the mansion's basement recreation room for the meeting. Coffee and donuts are set out and Moe's teenage children are watching a big screen projection television. Entering the room, Moe says, "They're watching midget wrestling. Have you ever seen midget wrestling*?" (Gene) "No" (Moe) "You've got to see this midget wrestling. It is really exciting!" We sit there through the wrestling match and when it is over the announcer says, "The next match features Atomic Ant versus The Flea!" "Wow!" says Moe, "This is going to be a grudge match." The kids are all excited at the grudge match, because, like his beefalo, Moe also breeds true. Slowly the morning passes as two men and three teenagers sit through several midget-wrestling bouts. At noon, Moe tosses the car keys to his oldest son, telling him to go to Moe's pizzeria and pick up several pizzas and some beer. (Gene) "What is the name of your pizzeria?" (Moe) "It's called Colonial Pizza." (Gene) "That doesn't sound Italian." (Moe) "We make Canadian style pizza. What kind of pizza do you like?" (Gene) "I like anchovy." (Moe) "Nobody in Canada eats anchovy. We don't have a bunch of WOPS up here." (Gene) "OK! Give me a Canadian bacon." (Moe) "Good choice. Do you want pineapple with the Canadian Bacon?" (Gene) "Do I look Hawaiian?" The pizza arrives and as we start to eat, I remind Moe that I have a 5 PM flight and we need to get down to business. We start to talk business, when suddenly the midget girl wrestlers come on the television and Moe shouts, "Midget girls, they are better than the men! They are meaner and they fight dirty." I roll my eyes and try to get Moe back to business, but it is hopeless. Nothing is going to interrupt Moe's devotion to midget wrestling. Two hours later, I drag Moe, kicking and screaming, from the TV to drive me to the airport. Afterward, I always remember this trip as an expensive excursion to experience Canadian culture's devotion to midget wrestling and that abomination to Italian cuisine which is Anglo-Saxon style pizza in a cardboard box. A few months later, I resigned from the firm.

**Although today the words "midget" and "midget wrestler" are consider offensive, in the early 1970's that was the term used to describe this so-called sport. If your offended by the terms Guinea or WOP, well get over it, I'm Italian and it is no big deal. I'm not writing to be politically correct. These tales are true to the real world that I lived in.*

Lest you think Moe and I were the only colorful characters in the firm, let me relate just one incident regarding the firm's owner crazy Al Fox. Fox was a very far left liberal with many strange weird ideas. One of the firm's largest shareholders was the Beaver Foundation. One day, I asked Moe, "What is the Beaver Foundation?" Moe laughed and said, "the Beaver Foundation is one of Al's many crazy ideas. Al is concerned that the North American Native People are too few in number. The Beaver Foundation distributes pornography to reservations as an inducement to increase births." Moe could see that I thought he was pulling my leg and soon after, he proved to me that Beaver Foundation's activities were as he had described. Working for a pornographer was just one of the many factors that convinced me I was wasting my time and money with these fools. I soon resigned from the firm.

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Turquoise from
Eric Brooking collection:





OPAL BIRTHSTONE

wedding anniversary.

Opal is also the stone given to celebrate the 14th

OPAL BIRTHSTONE MEANING & HISTORY

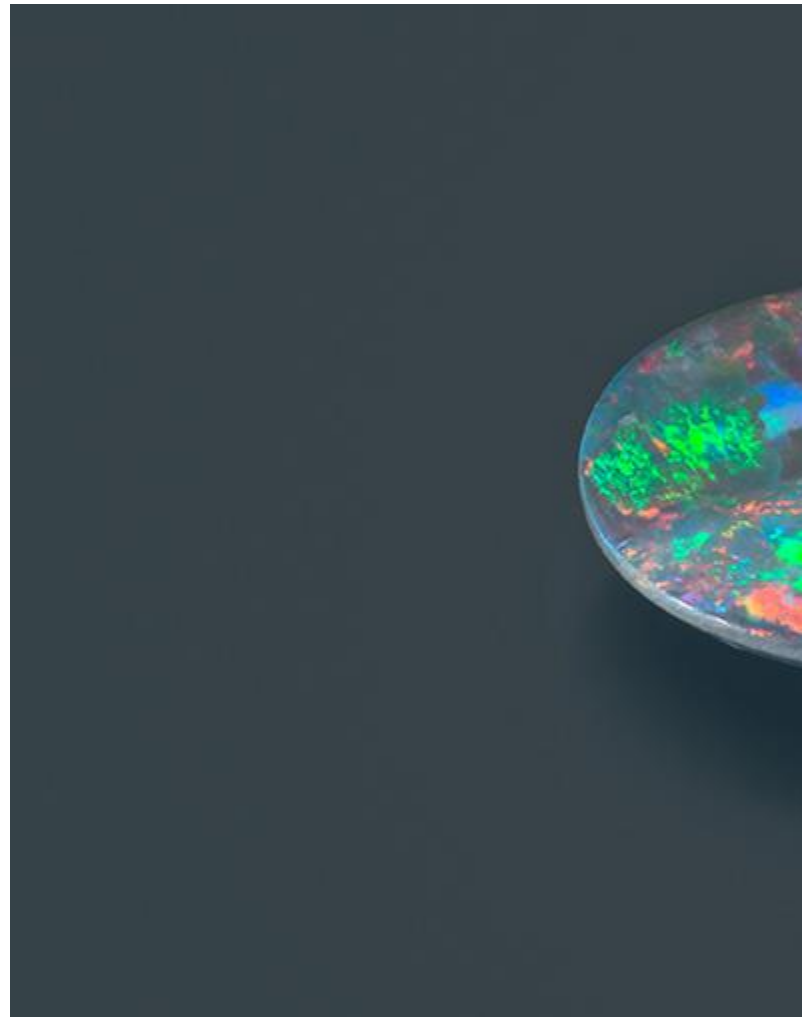
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OPAL BIRTHSTONE

OPAL BIRTHSTONE MEANING & HISTORY

The name of this, the traditional October birthstone, is believed to have originated in India (the source of the first opals brought to the Western world), where in Sanskrit it was called *upala*, a “precious stone.” In ancient Rome, this became *opalus*. Most opals are valued for their shifting colors in rainbow hues – a phenomenon known as “play-of-color.”

The October birthstone’s dramatic play-of-color has inspired writers to compare it to fireworks, galaxies and volcanoes. Bedouins once believed opal held lightning and fell from the sky during thunderstorms. Ancient Greeks thought opals bestowed the gift of prophesy and protection from disease. Europeans long maintained opal to be a symbol of purity, hope and truth. Hundreds of years ago, opal was believed to embody the virtues and powers of all colored stones.



A breathtaking sunset seems to dance on the surface of this 1.72 carat (ct) opal. Photo: Dr. Edward J. Gübelin/GIA

WHERE IS OPAL FOUND?

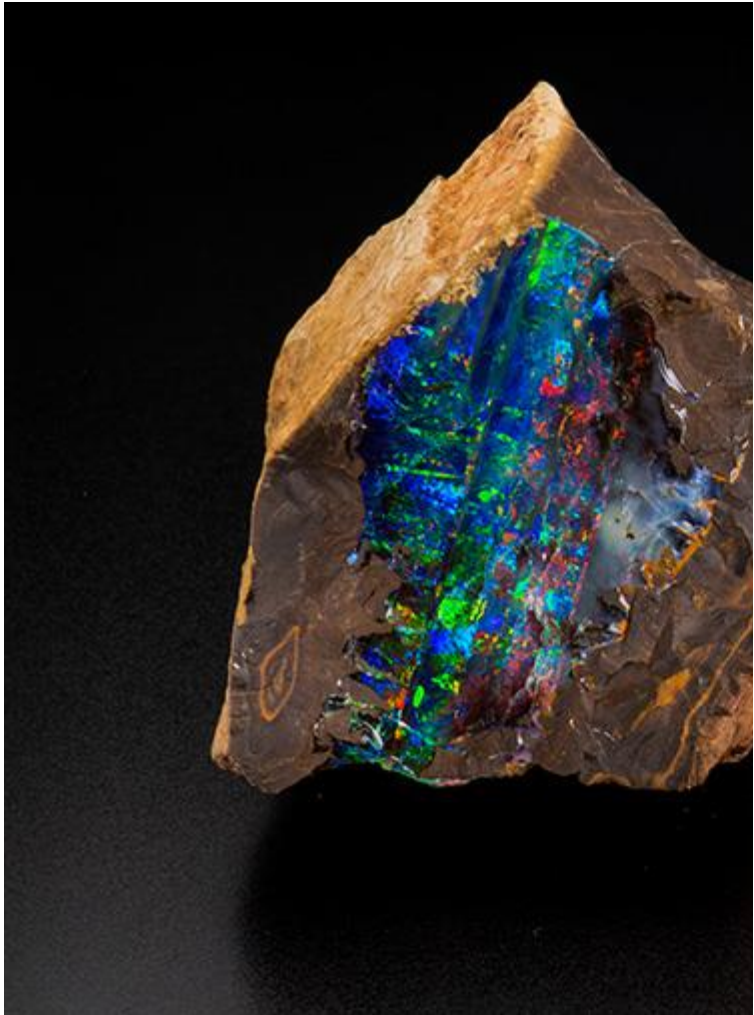
The opal birthstone can be found in many places. The fields of Australia are the most productive in the world for the October birthstone. Ethiopia, Mexico and Brazil are also important sources. Additional deposits have been found in Central Europe, Honduras, Indonesia, Madagascar, Peru, Turkey and the United States.

Lightning Ridge, a small town in New South Wales, Australia, is famed for producing prized black opal. A dry and rocky region softened only by small trees and scrub brush, Lightning Ridge gets little rain and bakes in the scorching summer temperatures. The climate is so unforgiving that miners often live underground to find respite from the punishing heat.



Black opal nodules are sometimes found in a line, as you can see in this photo from the Lightning Ridge mine. Photo: Vincent Pardieu

Australia is also a source of other types of the October birthstone. White opal is found in the White Cliffs area of New South Wales, as well as in Mintabie, Andamooka and Coober Pedy in South Australia. Boulder opal, which comes from only one location in the world, is mined in Queensland.



Two pieces of boulder opal that is found only in Queensland. Photo: Robert Weldon/GIA

In Ethiopia, the October birthstone is found near the village of Wegel Tena, in Wollo Province. Travel 340 miles (about 550 kilometers) north of the capital Addis Ababa and up 8,000 feet (2,400 meters), where miners pry opal from shafts dug into the side of a plateau. Gems unearthed here range in body color from white, yellow, orange and brownish red to “chocolate” brown. Some of the opals show play-of-color. Another mine, in Ethiopia’s Shewa Province, yields the coveted black opal, as well as orange, white and crystal opal. Its

treasures are buried in steep cliffs that tower over the landscape.

Querétaro, a state in Mexico, is known for producing fire opal in yellow, orange and reddish orange to red, some with good play-of-color. The mines are a tourist destination, and getting to them requires taking a dirt road through dense forests of pine and oak, past scrubby plateaus of cacti and shrubs, and up winding mountain roads.

OPAL BIRTHSTONE CARE & CLEANING

Opal may be treated by impregnation with oil, wax or plastic. Opal doublets or triplets are fine slices of opal glued to a base material and covered with a thin dome of clear quartz. The safest way to clean this October birthstone is with warm, soapy water. Other cleaning methods might damage the opal or filler material. Note that prolonged exposure to water may weaken the adhesive in opal doublets and triplets. Even natural opal can fracture if exposed to high heat or sudden temperature changes.

This October birthstone ranges from 5 to 6.5 on the [Mohs scale of hardness](#). To prevent jewelry set with harder gems from scratching opal, store it by itself. [Diamonds](#), [rubies](#), [sapphires](#), and [emeralds](#) are just a few of the gems that can scratch the October birthstone.



Sapphires and diamonds encircle a 1.92 carat (ct) black opal in this stunning 18K yellow gold and black rhodium ring. Courtesy: Omi Privé

MORE ABOUT OPAL **OPAL BUYER'S GUIDE**

TOURMALINE BIRTHSTONE

TOURMALINE BIRTHSTONE MEANING & HISTORY

Tourmaline is the newer October birthstone. The name comes from the Sinhalese word toramalli, which means “stone with mixed colors,” because it often has multiple colors in one crystal. Very few gems match tourmaline’s dazzling array of colors. Perhaps this is why ancient mystics believed this October birthstone could inspire artistic expression – it has a color palette for every mood. Among the most popular are the pink and red rubellites, the emerald green “chrome” tourmalines, and the neon green and blue-to-violet “paraíba” tourmalines.

Because of its vast range of colors, [tourmaline](#) was often mistaken for other gemstones. One of the “rubies” in the Russian crown jewels, the “Caesar’s Ruby” pendant, is actually red (rubellite) tourmaline. A Spanish conquistador found green tourmaline crystals in Brazil in the 1500s and confused the stones with emerald. These and other cases of mistaken identity continued for centuries until scientists recognized tourmaline as a distinct mineral species in the 1800s.

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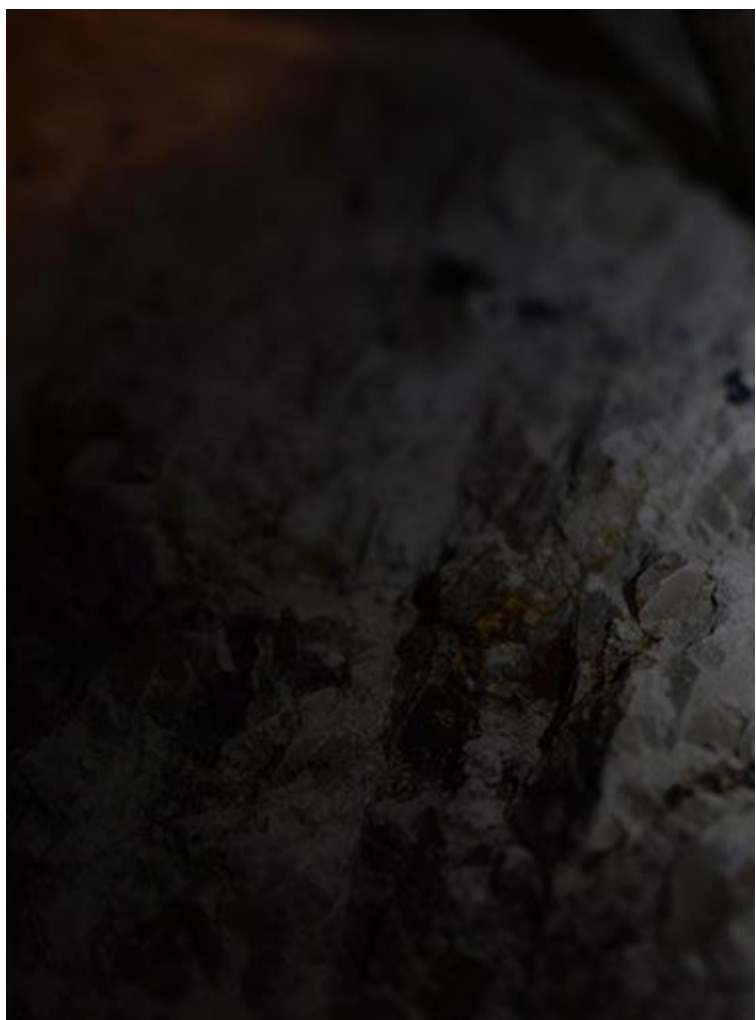
Opal is also the stone given to celebrate the 14th wedding anniversary.

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CFMS SHOW DATES
Shows and Events
Sponsored by
CFMS Clubs & Societies!

Please submit your
Show or Event as soon as possible
to receive maximum advertising value!
(Email to:
SHOW DATES
Use the Online Show Form
at www.cfmsinc.org
(Click on Shows)
You should receive a confirmation
within 5 days after submitting your
Show Date information!

October 4, 5-6: Vista, CA
Vista Gem & Mineral Society
Antique Gas & Steam Engine Museum
2040 N Santa Fe
Hours: 10-4 Daily
Contact: VGMMS, 760-659-6545
Email: vistagemsociety@gmail.com
Website: www.vistagemsociety.org

October 5-6: Anderson, CA
Shasta Gem and Mineral Society
Shasta District Fairgrounds
1280 Briggs St Hwy 273
Hours: Sat 9-5, Sun 10-4
Contact: Alan Leedy, 530-840-6550
Email: leedy113@yahoo.com
Website: Facebook Shasta Gem and Mineral Society

October 5-6: Grass Valley, CA
Nevada County Gem and Mineral Society
Nevada County Fairgrounds
13228 McCourtney Road
Hours: Sat 10-5; Sun 10-4
Contact: Mitchell Frank Van Hecke
530-575-4252
Email: dvancian56@aol.net
Website: www.ncgms.org/show-info

October 12-13: Los Altos
Peninsula Gem & Geology Society
Los Altos Youth Center
1 North San Antonio Rd
Hours: 10-5 Daily
Contact: Steve Jobe 408-334-5384
Email: steve_jobe@shgglobal.net
Website: shgglobal.net

October 12-13: Trona, CA
Website: trona.com/tronagemsclub
Conceded due to earthquake damage

October 19: West Hills, CA
Woodland Hills Rock Chippers
Gem Show
22700 Sherman Way
Hours: 10-5 Daily
Contact: Virginia Butera, Phone N/A
Email: whr@rockchippers.org
Website: www.rockchippers.org/shows.html

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@rockbandgemshow.org
Website: elclanoforecho.org

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: jolene4coons@gmail.com
Email: srmgs.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 Meisinger 916-662-5819
Email: srmshow@sacramentomineralsociety.org
Website: www.sacramentomineralsociety.org

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@opalociety.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@conhorsesdesign.net
Website: contracostamineralandgemociety.org

November 2-3: Ridgecrest, CA
Indian Wells Gem and Mineral Society
Desert Empire Fairgrounds
520 South Richmond Road
Hours 9-5 Daily
Contact: John DeHona: 760-375-7905
Email: jcd@idwgem.com
Website: www.indianwellsidwgem.com

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

November 16 - 17: LAKESIDE, CA
El Cajon Valley Gem & Mineral Society
Lakeside Rodden Grounds
12584 Mapleview Street
Hours: Sat 10 - 5, Sun 10 - 4
Contact: Mary Ness, (619) 449-0759
Email: info@ecvms.net
Website: ecvms.org

November 23-24, Oxnard
Oxnard Gem & Mineral Society
Oxnard Performing Arts Center
800 Hobson Way
Hours: Sat 10-5, Sun 10-4
Contact: Laura Dinkhal 805-394-8002
Email: show_info@oxnardgem.com
Website: oxnardgem.com/home/gem-show

January 18-19: Exeter, CA
Tule Gem and Mineral Society
Exeter Veteran's Memorial Building
324 N Kaweah Ave.
Hours: Sat 10-5 and Sun 10-4
Contact: Gayle Ringham; 559-802-6029
Email: bandhing@aol.com
Website: www.tulegem.com

February 14-23: Indio, CA
San Geronimo Gem & Mineral Society
Riverside County Fair & National Date Festival
82-503 Hwy 111
Hours: 10-10 Daily
Contact: Bert Grisham; 951-849-1674
Email: bert67@verizon.net

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Email: bert67@verizon.net

CFMS Newsletter October 2019

National/Regional Shows:

California Federation
June 25-28, 2020
81st CFMS Show & Convention
Lodi, CA
Hosted by California Federation of Mineralogical Societies
Details to Follow

Eastern Federation

Midwest Federation

Northwest Federation
October 18-20
Lewiston, ID
Hosted by Hells Canyon Gem and Mineral Society
NezPerce County Fair Building
1220 Burrell Ave
Hours: Fri-Sat 10-6; Sun 10-4
Contact: HELLS CANYON GEM CLUB, INC. PO BOX 365 LEWISTON, ID 83501
Email: hcgemclub@yahoo.com
Website: <http://www.hells canyongemclub.com/wp-content/uploads/2019/01/2019-FED-SHOW-FLYER.pdf>

Rocky Mountain Federation

South Central Federation

Southeast Federation

EACH CLUB/SOCIETY SHOW SHOULD BE LISTED HERE

DON'T FORGET TO UPDATE YOUR CLUB WEBSITE WITH YOUR NEW SHOW DATE

Check for show links at www.cfmsinc.org/shows

REMINDER
Advertise your Show in as many Free locations as possible!
1. Local newspapers
2. Current events section
3. Local TV stations
4. Community calendar
5. Other Local Shows

Advertise your shows in the Rock & Gem Magazine
www.rockngem.com/showdate-submissions/
Send the information in early so it's published in the magazine as well as online.

February 15 - 16: ANTIOCH, CA
Antioch Lapidary Club
Contra Costa County Fairgrounds
1281 West 10th Street
Hours: 10 - 5 daily
Contact: Brenda Miguel
Email: brenda.miguel@yahoo.com
Website: antiochlapidaryclub.com

February 22-23: Vallejo, CA
Vallejo Gem & Mineral Society
Solano County Fairgrounds, McCormack Hall
900 Fairgrounds Drive
Hours: 10-5 Daily
Contact: Debra Duhon; 415-254-1506
Email: duhonomvgms@gmail.com
Website: www.vgms.org

March 6-8: Newark, CA
Mineral & Gem Society of Castro Valley
Newark Pavilion
6430 Thornton Ave
Hours: Fri-Sat 10-6, Sun 10-5
Contact: Cathy Miller, 510-305-4196
Email: cmiller59@gmail.com
Website: www.mgacr.org

March 7-8: Ventura, CA
Ventura Gem & Mineral Society
Ventura County Fairgrounds
10 W Harbor Blvd
Hours: Sat 10-5, Sun 10-4
Contact: Richard Syker; 805-312-8467
Email: info@vgms.org
Website: www.vgms.org

March 21 - 22: SAN JOSE, CA
Santa Clara Valley Gem & Mineral Society
Santa Clara County Fairgrounds
344 Tully Road
Hours: 10 - 5 daily
Contact: (408) 265-1422
Email: info@scvgms.org
Website: www.scvgms.org

June 1 - 2: CAMBRIA, CA
San Luis Obispo Gem & Mineral Club
Cambria Veterans Hall
1000 Main Street
Hours: 10 - 5 daily
Contact: Kim Noyes, (805) 610-0603
Email: kim@gmail.com

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PALOMAR GEM & MINERAL CLUB

VOLUME 60 - ISSUE #9
OCTOBER 2019

THE CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES, INC.



DEDICATED TO THE ADVANCEMENT AND ENJOYMENT OF
THE EARTH SCIENCES
CAMP ZZYX



We invite you to join us at the Earth Science Seminar being held at the Desert Studies Center, Soda Springs (Zzyzx) located approximately 50 miles Northeast of Barstow, CA. Off I-15 at Zzyzx Rd.

Facilities are rustic, dormitory style rooms with bed & mattress. Cleaning is the occupant's responsibility. You must bring bed linen or sleeping bag, and any creature comforts you may desire i.e. lamp, throw rug, ice chest. RV parking is approximately 1/4 mile from the Center and has no facilities of any kind. All restrooms and showers are in separate buildings at the center and are communal.

The Earth Science Committee reserves the right to accept or deny applications as they deem appropriate. This area is designated by the Government as a Desert Studies Center; consequently, **NO PETS ARE ALLOWED**. A limited number of reservations are available and an early application is recommended. Subject to change these classes will be offered:

LAPIDARY BEADING WIRE ART FIELD TRIPS SILVER FABRICATION ADVANCED WIRE ART
PRECIOUS METAL CLAY SOFT STONE CARVING FACETING ALTERNATIVE CASTING

The fee for the week is **\$405.00** per person and includes quarters or RV space, three meals per day, and classes. Additional charges may be assessed for material furnished by instructors.

IF YOU USE YOUR RV YOU CAN SAVE \$50.00 / Day Trippers Cost is \$250 for the week

NO CANCELLATIONS AFTER MARCH 1, 2020 unless a replacement is provided.

A \$25.00 Administration Fee will be assessed for cancellations prior to March 1, 2020.

Please complete the Registration form and Mail with full payment; Payable to CFMS

MAIL APPLICATION TO:

AUDREY HARVEY
3363 Tuxford Place
Thousand Oaks, CA 91360
805*492*2253

CAMP ZZYX

APRIL 5TH - APRIL 12TH, 2020

FOR INFORMATION ONLY

CONTACT:

Tony & Sandie Fender
phone 626-897-5281
email: sandie.fender@gmail.com

REGISTRATION FORM DEADLINE MARCH 1, 2020

Applications received after this date will be placed on a stand-by list and considered only when a vacancy exists.

Please use block printing:

(A) Mr. Mrs. Ms _____

(B) Mr. Mrs. Ms _____

Street _____ City _____ State _____ Zip _____

Phone _____ E-Mail _____

ROOM ASSIGNMENT FOR SINGLE APPLICANTS ONLY. RV _____ DORM _____ Day Tripper _____ ROOM REQUEST FOR MEDICAL

OR PHYSICAL REASONS. PLEASE DESCRIBE _____ SPECIAL DIETARY NEEDS _____

DIABETIC _____ OTHER _____ EXPLAIN _____

DO NOT MAIL REGISTRATIONS PRIOR TO NOVEMBER 1ST 2019!! REGISTRATIONS POSTMARKED PRIOR TO NOVEMBER 1ST WILL BE PLACED ON THE "WAITING LIST"

By attending this activity you are giving your consent for CFMS, to make photographs, videotapes, films or other likeness of me. I hereby grant to CFMS unrestricted right to copyright any of the above-mentioned materials containing images of me as well the unrestricted right to use and reuse them, with their caption information, in whole in part. These rights include, but not limited to, the right to publish, copy, distribute, alter, license and publicly play these materials and images for editorial, trade, marketing and/or advertising purposes. I also grant CFMS and licenses the unrestricted right to use and disclose my name in connection with use of the above material.