



San Diego Mineral & Gem Society, Inc.  
A Non-Profit Educational and Scientific Organization

# THE PEGMATITE

## OCTOBER 2019



### NEW CLASS & LECTURE SERIES THIS FALL

#### Wire Wrapping

Instructor: Yvonne Juarez

We are pleased to announce that Yvonne Juarez has agreed to teach a class in beginning Wire Wrapping, a technique that many jewelry and lapidary artists find wonderfully versatile and useful. [Read the details on pg 4.](#)

#### Mineral Evolution

Presented by Marcus Origlieri

Mineral Evolution is a new framework for understanding the mineral kingdom. It attempts to explain the origin of all mineral species by recording the appearance of the first mineral species and connects this appearance with geologic processes. The process begins with the Big Bang event, with atoms being created and cooling to form the first mineral. Once matter cools and starts to coalesce, pressure and

heat create additional minerals while the crust of the planet is forming. [Read the details on pg 5.](#)

"Baja Sunset Pendant" by Ethan Johnson won the First Place award for wire-wrap jewelry at the 2017 San Diego Fair. This handmade piece is composed of sterling silver wire, 14/20 goldfill wire, a Mexican Fire Opal cabochon, a faceted Mexican Fire Opal, and a faceted amethyst.

Official bulletin of the San Diego Mineral and Gem Society, Inc.

**Affiliations:** California Federation of Mineralogical Societies  
American Federation of Mineralogical Societies  
American Lands Access Association

**Sister Club:** Kingston Lapidary, Hull, England

**Publication:** *The Pegmatite* is published monthly (except July and August).

**Submission** 3rd Tuesday of the month preceding next month's  
**Deadline:** publication, unless otherwise indicated.

**Membership:** Anyone with an interest in minerals, fossils, lapidary, gems, or hand-crafted jewelry may join the Society.  
Contact: [membership@sdmg.org](mailto:membership@sdmg.org)

**Liability:** The San Diego Mineral & Gem Society, Inc., is not and cannot be held responsible and liable for personal injuries, for damage or loss of property at any meetings, field trips, classes, shows, or any event sponsored or recommended herein.

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**Change of Address:** [membership@sdmg.org](mailto:membership@sdmg.org)

**Exchange bulletins:** Send to the Society mailing address

The mission of the San Diego Mineral and Gem Society, Inc., is to disseminate knowledge of mineralogy and earth sciences; to encourage the study of these subjects; to conduct classes in mineralogy and lapidary arts; to conduct field trips for the collection and study of specimens; to encourage interest in mineralogy and lapidary arts among young people; and to procure and maintain a collection related to the earth sciences and lapidary arts.

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## PRESIDENT'S MESSAGE

October 2019

by Jim Parrish

[sdmgpresident@sdmg.org](mailto:sdmgpresident@sdmg.org)

IT SURE SEEMS LIKE THE OCTOBERS are getting closer together. Didn't I just put the Christmas stuff away? The enjoyable part of it is the cooling temperatures and that Fall "feel." It means a few more local gem and mineral shows before the holidays, including the **Vista Gem & Mineral Show**, **El Cajon Valley Gem & Mineral Show**, **Fallbrook Gem & Mineral Show**, and **West Coast Mineral & Gem Show**. (See the show listings further on.)

Also, don't miss the new special event, **Slab & Cab Sale**, which will be held on Sunday, November 3rd, 9am to 1pm at the **SDMG building**. (See the notice below.)

All of our classes started up last month, and I'd like to thank all the instructors for their selfless dedication to our hobby and for the many hours

they volunteer. We ended last year with just over 800 members and over 30 classes per week, which is pretty amazing.

Speaking of classes, **Yvonne Juarez** is teaching beginning wire wrapping on Thursday mornings this Fall. We have a new lecture series starting on Tuesday evening, November 5th. It promises to be something new and interesting. It will cover an intriguing subject many of us have never contemplated: **Mineral Evolution**. This series of five lectures will be presented by **Dr. Marcus J. Origlieri** and runs through the first week of December. **Marcus** is a new member and wishes to share his expertise with all of us. You don't want to miss **Marcus** discuss this fascinating topic. I'll be there! (See pages 4–5 for details on the new class and lecture series.)

### CAB & SLAB SALE

*Remember the club selling booth at SDMG's old "Gem Diego" show? It's coming back! And here is where and when you can find it:*

**Date:** Sunday, November 3, 2019

**Time:** 9am to 1pm

**Place:** SDMG Bldg.

**Come one, come all!** Bring a friend, relative or neighbor. Everyone is welcome.

**There will be lots of stuff:** We will be setting up tables in the **SDMG Museum** and rearranging the desks in the **SDMG Library** to hold lots and lots of bins full of all kinds of slabs, rough lapidary material and agates, various tools, jewelry findings, waxes for casting, and carving rough. We plan on including some small equipment, too. In fact, whatever has gotten donated to the club in the last six months may just show up for sale: small display



cases, tool boxes, sphere blocks, little carvings, flats of attractive yard rock, petrified wood, egg cartons of mineral specimens for kids, and so on. There will be a display case with polished cabs and faceting rough, as well.

**Parking is limited behind the SDMG Building,** as most of you know, and is first come, first served basis starting at 9am. Additional parking should be available in the Carousel parking lot near Park Blvd. or in the Zoo parking lot.

**Please be prepared to pay by cash or check.**



**SDMG**  
**General Meeting**  
**Monday, October 28, 2019**  
 7pm SDMG bldg  
 Public Welcome!  
 Jim Parrish, President



**Mollie Kathleen Gold Mine Tour**  
**Cripple Creek, Colorado**

*A program by Wayne & Peggy Leibitzke*

This past September **Wayne** and **Peggy** visited the Cripple Creek area of Colorado. One of the many activities they enjoyed was the **Mollie Kathleen Mine Tour**.

The **Mollie Kathleen Mine** is a famous lode gold mine dating back to the 1890s. It's been open for tours since shutting down gold production in 1961. Roughly 40,000 people a year enjoy this tour, which descends 1,000 feet into the mountain. I could tell you more but we'll leave all the details to **Wayne**. Now there's incentive for you to show up for an evening of fun and entertainment!

As always, we will have some great door prizes and of course, your smiling faces. I hope to see you all there!

I hope all of you enjoyed at our September **General Meeting and Social Hour**. We had 38 attendees. A special thanks to all of you who brought something to share snack-wise and gem, mineral or rock-wise. It was a fun evening.

**\*IMPORTANT NOTICE\*** Be sure and mark your calendar for our November 15th **General Meeting** program. A very special guest, **Helen Serras-Herman**, a Lapidary Hall of Fame inductee, has agreed to share a presentation with us. She will be visiting us from Rio Rico, Arizona. Also, please note that Friday, November 15th is a different day of the week from our usual fourth Monday of the month **General Meetings**. The date was changed so as not to conflict with the **Thanksgiving** holiday. You may check out **Helen's** newly updated website at: [gemartcenter.com](http://gemartcenter.com).

**GEMOLOGICAL SOCIETY**  
 of SAN DIEGO



GSSD General Meeting  
 Monday, October 7, 2019  
 7:00pm SDMG Building

**WELCOME BACK TO MEMBERS.** A short video program on **“Gems and the way we see them”** by **Cathy Davis, GG**. Also, brief presentations by members on new finds and or trips of interest over the summer months.

Refreshments will be served. If you care to bring something to share, please feel free to do so!

You can find more information on **GSSD** and at: <http://www.gssd.rocks>

**UCLA Meteorite Collection  
Lecture Series**

**Lunar Exploration:  
Prospects for  
the Next Few Decades**

*Dr. Paul Warren*

**Sun, October 27, 2019**

**2:30PM**

**Location: UCLA**

*(Geology Building – Slichter Room 3656)*

**Website:** [meteorites.ucla.edu/events/](http://meteorites.ucla.edu/events/)



The past three decades have seen much progress in lunar science, driven mainly by orbital probes, lunar meteorites, and ever-improving technology for sample analysis. Because the Moon's surface is well-sampled and not highly diverse, limited progress can be expected from additional orbiters, unmanned rovers, and even sample-acquisition missions, unless the landing targets is a geologically novel area, and/or includes Apollo-15/16/17 style selective and ample sampling by astronauts. The good news is, China and the USA are racing to a second era of manned exploration; and technically challenging unmanned-probes may be seen as relatively inexpensive complements to manned exploration. (Source: *UCLA Meteorite Collection website*.)

**New SDMG Class  
Beginning Wire Wrapping**

*Instructor: Yvonne Juarez*

**Thursdays – 9am to noon**

**WIRE WRAPPING** is another way to turn your cabochon into jewelry without use of a torch and soldering or drilling a hole into it. Wire wrapping is a creative way not only to hold a stone (and/or other elements such as beads, beach glass, or wooden elements), but also the patterns of wire that are used to hold these elements can be very decorative and creative in their own right.

Using special pliers (often two pair simultaneously), loops of various gauges and colors of wire are tightly drawn, twisted, and woven together to form the piece. Commercial wires are available in copper, silver, and other metals in a host of colors and gauges. One can make pendants, rings, bracelets, etc.



Polymer clay dragon set with natural gemstones (quartz, amethyst, and blue topaz) and sterling silver wire wrapping, by Jessica Roussos, exhibited at the 2017 San Diego County Fair.

A class in metals fabrication is NOT a prerequisite for this beginning wire wrapping class; although, a class in cutting cabs is.

*New SDMG Lecture Series*

**Mineral Evolution:  
Mineralogy in the Fourth Dimension,  
a breakdown of a new theory of mineralogy**

*Presented by Dr. Marcus J. Origlieri*

**Tuesday evenings – 7pm (SDMG bldg.)**

**Dates:** Nov. 5, 12, 19, 26 and Dec. 3, 2019

**Fee:** \$30 for 5 lectures, ca. 1 hour each\*

*payable in full by cash or check at the first lecture*

\* Fee covers class materials and handouts.

**About the lecturer.**

**Marcus Origlieri** is a mineral collector who grew up in southern California. His mentors include **Ralph Monell, Pete Bancroft, Cal Graeber, and Bill Larson**. He studied chemistry at the University of California at San Diego (B.S.) and Geosciences (mineralogy) at the University of Arizona (Ph.D.).

Among **Marcus'** longtime research interests is the formation of “human-mediated” minerals, which occurs at the intersection of human activity and geological processes. (Read more about this geoscience concept on the next page.)

**Some of the topics that will be covered  
during the lectures:**

- (1) Definition of a mineral/ Origin of the elements/ The first mineral
- (2) Meteoritic minerals/ Planetary accretion/ Lunar formation
- (3) Igneous rock evolution/ Plate tectonics
- (4) Biologically mediated mineralogy/ Great oxidation event
- (5) Biomineralization/ Pseudomorphs/ Anthropocene minerals

**This 'n' That...**

**General Announcements**

SDMG Board Meeting  
Monday, October 21, 2019  
7:00pm SDMG Building

**SDMG-GSSD Library**

SDMG Bldg.

Donna Beers

**Hours:**

Tuesdays 11am–2pm

Wednesdays 9–11am and 1–3pm

*Reference use only, no lending.*

**Access the catalog online at:**

<https://cloud.collectorz.com/sdmgmerklib/books>

**Who may use the Library?**

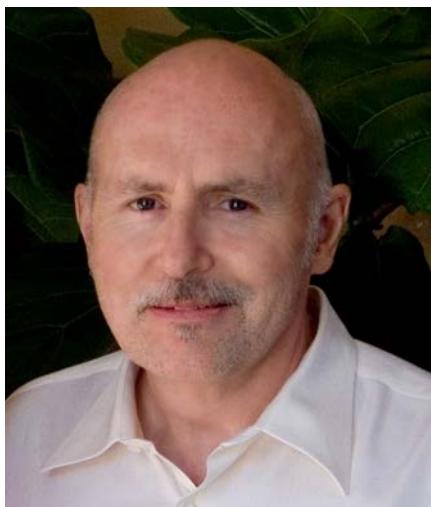
Membership is not required to view the catalog, but only **SDMG or GSSD** members may come use the reference library.

## Newsy Nuggets

*Stories you may have missed*



Human-mediated mineral formation is seen in many ancient bronze sculptures. Conditions of a sculpture's burial environment will invariably initiate chemical reactions with bronze alloys to form corrosion products, or patina, over its exposed or contact surfaces. The corrosion products identified on this ancient Roman bronze sculpture included the copper chloride minerals nantokite, atacamite, paratacamite, clinoatacamite, botallackite, and anarkite. Miniature Portrait Bust of a Woman (25 BC - AD 25), 6 1/2 x 2 5/8 in. The J. Paul Getty Museum, Villa Collection, Malibu, California, Inv. 84.AB.59.



**What, you ask, is an anthropogenic mineral?** If you attend **Dr. Marcus Origlieri's** lecture series in November, you just may find out. Human activity is responsible for the formation of about 4% of **IMA**-recognized mineral species known today. The list is growing rapidly and according to **Dr. Robert M. Hazen**, mineralogist at **Carnegie Institution for Science** and leading researcher on **Mineral Evolution**, so-called “human-mediated” minerals account for greater mineral diversity on Earth “than on all previously studied planets and moons in our solar system.”

Mining is one of the most significant activities that gives rise to anthropogenic minerals. However, this class of minerals also includes lab-grown synthetics and byproducts of manufacturing and engineering processes, as well as weathering, decomposition, and other alteration-inducing processes.

At least 208 minerals of more than 5,500 minerals officially recognized by the **International Mineralogical Association (IMA)** are anthropogenic minerals. Read more on this topic in a 2017 article co-authored by **Dr. Origlieri** for *American Mineralogist*, “On the mineralogy of the ‘Anthropocene Epoch’” at: [https://www.geo.arizona.edu/xtal/group/pdf/AM102\\_595.pdf](https://www.geo.arizona.edu/xtal/group/pdf/AM102_595.pdf).

**Johnkoivulaite.** A new mineral discovered by gemologist **Nay Myo** in Mogok Valley, Myanmar, has been named in honor of **GIA** analytical microscopist **John Koivula**. The color-change mineral is a member of the beryl group. It was named for the renowned gemologist in recognition of his pioneering contributions to gemological research and photomicrography of gemstone inclusions over a career spanning more than 40 years. **Koivula** is an honorary lifetime member of **SDMG** and was a regular contributor to the annual **Sinkankas Symposium** during its first decade, helping to make it one of the best gem-mineral symposia of its kind in North America.

**SAN DIEGO COUNTY FAIR  
GEMS, MINERALS  
& JEWELRY DEPT.**

by Anne Schafer, Coordinator

**ANNUAL EXHIBITORS' MEETING  
COMING UP!**

**Date:** Saturday, Oct. 12, 2019

**Time:** 10:00 am to 1:00 pm

**Place:** Board Room, on the Fairgrounds



**Reminders will be emailed to all our 2019 exhibitors,** and will include a map to the meeting location. If you need directions, you may always contact me at 858-586-1637 or [Agate.Annie2@gmail.com](mailto:Agate.Annie2@gmail.com), or my assistant coordinator, **Jennifer Stapp**, at 858-829-1723 or [cat333@san.rr.com](mailto:cat333@san.rr.com).

**Thirty-eight exhibitors returned forty-four questionnaires.** Comments and suggestions will be discussed at the Exhibitors' Meeting. Please come be heard.

**Front runners for new classes for 2020:**

Mineral of the Year: It's a tie!

*Copper -or- Rough & Cut*

Fossil of the Year: It's a tie, too!

*Tooth & Claw -or- Distinctly Extinct*

Fossils:

*Full case: Creatures from Under the Sea*

Lapidary:

*Gemstone Carving – Advanced*

*Non-standard Cabochon*

Jewelry:

*Bead Weaving*

*Cloisonné*

*Air Chasing and Fold Forming*

**And what would you think about creating a completely new division for 2020:**

Metalwork: Non-wearable metalwork done by exhibitor, to fit inside 8" x 8" x 8" cube. Examples: cups, vases, boxes, etc.

**Decisions to be made at Exhibitors' Meeting:**

- Voting on Mineral and Fossil of the Year.
- Considering suggestions for adding new classes, deleting or merging existing classes, and making changes to the entry brochure wording.

**This is the weekend of the Autumn Harvest Festival, but free parking is available** for meeting attendees. Do NOT enter the main Fair gate on Jimmy Durante Blvd., because the main lot charges for parking. Continue south of the main Fair gate on Jimmy Durante until you almost reach the Del Mar Fire Station, and turn right. There is free parking in the visitor slots, and it is OK to park in the Board of Directors' slots during the Exhibitors' Meeting.

**It's going to be a great Fair again in 2020!**

## SDMG Membership...

### New Applications & Renewals for 2019–20 Due NOW

**SDMG** classes are open to members only, so don't forget to renew your membership ASAP. There are two ways to apply for or renew your membership –

1.) Send a check with your membership form to the membership secretary. The renewal form can be found on the **SDMG** website at:

[sdmg.org/pdf/sdmg-membership-app-and-renewal.pdf](http://sdmg.org/pdf/sdmg-membership-app-and-renewal.pdf)

**OR**

2.) Sign up online using major credit cards via PayPal. Visit the SDMG website for details at:

[sdmg.org/sdmg-membership/](http://sdmg.org/sdmg-membership/)

**Subscribe yourself to the eNewsletter at:**  
<http://bit.ly/SDMG-news>

*Published from September thru June  
at the same time as*

*The Pegmatite bulletin (PDF online version)*

**(Members, you must subscribe yourself,  
we cannot do it for you!)**



Please be courteous and call the field trip leader to ask if you may participate in the field trip. Be sure to call again if you decide to cancel, so folks aren't waiting around for you. All CFMS affiliate clubs will ask you to sign a waiver, and you must agree to abide by the AFMS Code of Ethics and listen to directions of the field trip leaders.

**Oct 4–6, 2019**

**Clear Creek, CA, 2-days/3-nights camping trip**

**Sponsor:** Conejo Gem & Mineral Society

**Sign-up:** [www.whoscoming.com/vgms](http://www.whoscoming.com/vgms) (please remove your name if you signed up but decide not to participate after all.)

**Contact/field trip leader:** Chuck Borchard, [chuck.cgmctrips@gmail.com](mailto:chuck.cgmctrips@gmail.com)

**Materials:** Serpentine, Agate, Jadeite, Plasma Agate.

**Oct 12–13, 2019**

**SLGMS 78th Gem-O-Rama 2019, Trona, CA**

Gem-O-Rama field trips for Salt Minerals, hosted by Searles Lake Gem & Mineral Society. CANCELLED DUE TO THE EARTHQUAKE

## Last Fee-Free Day of 2019 in Nat'l Parks

Monday, November 11

**V**ETERANS DAY is the last free day offered for recreation sites under the management of the **National Park Service** and the **U.S. Forest Service**. While many parks, facilities and services associated with these agencies are free, some require a fee. Recreation fees, authorized by the Federal Lands Recreation Enhancement Act, enable federal land management agencies to reinvest in the management of various recreation sites.

*(Source: BLM)*



## ON THE GO ... TO A SHOW



### Vista Gem & Mineral Society 2019 Show

October 4 – 6, 2019

Antique Gas & Steam Engine Museum

2040 N. Santa Fe Ave.

Vista, CA 92083

Parking: \$5.00

Admission: Free

Friday 10AM to 4PM

Saturday 9AM to 5PM

Sunday 9AM to 4PM

[vistarocks.org](http://vistarocks.org)

#### *Fabulous vendors in a fabulous rustic setting*

If you've never been to a VGMS show at the

Antique Gas & Steam Engine Museum,

you've gotta see it – it's a hidden treasure!

### OCTOBER .....

2–6 JOSHUA TREE, CA – 43rd Annual Gem, Mineral & Craft Show

**Sponsor:** Hi-Desert Rockhounds/Morongo Basin Sportsman's Club of Joshua Tree

**Where:** Sportsman's Club

6225 Sunburst Street, Joshua Tree, CA 92252

**Hours:** opens daily at 9am

**Admission and parking:** Free.

**Contact:** 760-366-2915

or [itsportsmans@ymail.com](mailto:itsportsmans@ymail.com)

**Web:** [itsportsmansclub.com/gem.html](http://itsportsmansclub.com/gem.html)

or flyer at: [bit.ly/hi-desert-show-2019](http://bit.ly/hi-desert-show-2019)

Over 60 Dealers offering rough rock, mineral specimens, crystals, precious gemstones, and millions of beads, and exquisite fine jewelry.

**Fallbrook Gem & Mineral Society**

### FALL FESTIVAL OF GEMS

**Sunday, October 13**  
9am to 4pm

**Everyone is welcome to our FREE annual event!**

**Silent Auctions, Artisan Jewelry, Gemstones, Minerals, Fossils, Wheel of Fortune, Raffle Prizes, Food, & much, much more!**

**Come and Join the fun!**

123 W. Alvarado Street, Fallbrook  
(760) 728-1130 - [www.fgms.org](http://www.fgms.org)

12–13 **TRONA, CA – Searles Lake Gem & Mineral Society Gem-O-Rama 2019 :: CANCELLED**

13 **FALLBROOK, CA – Fall Festival of Gems**

**Sponsor:** Fallbrook Gem & Mineral Society

**Where:** Fallbrook Gem & Mineral Facility

123 West Alvarado St., Fallbrook, CA 92028

**Hours:** 9am – 4pm

**Admission and Parking:** Free.

**Web:** [facebook.com/events/484284335690911/](http://facebook.com/events/484284335690911/)

19–20 **LANCASTER, CA – 2019 Rock 'N' RoundUp**

**Sponsor:** Palmdale Gem & Mineral Club

**Where:** AV Fair & Event Center, Van Dam Pavilion

2650 W. Avenue H, Lancaster, CA 93536

**Hours:** Sat 10am – 5pm, Sun 10am – 4pm

**Admission & Parking:** Free.

**Contact:** [pgmc@palmdalegemandmineral.org](mailto:pgmc@palmdalegemandmineral.org)

**26th Annual Big Sur Jade Festival****October 11–13, 2019****The biggest show of its kind  
in North America****Vendor Art**

Benefit event raises funds for the Pacific Valley School PTO, the South Coast Community Land Trust, and other local community organizations.

FREE Lectures and FREE demonstrations

Fine Food and 3 days of live entertainment

The Big Sur Jade Festival features jade and other lapidary arts by artists from all across the USA, Canada, and New Zealand. It is one of the largest lapidary shows of its type in the world.

**Location:** 69325 Highway 1, Big Sur, CA 93920

**Hours:** Fri noon – 6:00pm  
Sat 10:00am – 6:00pm  
Sun 10:00am – 5:00pm

**Admission &  
Parking:** Free.

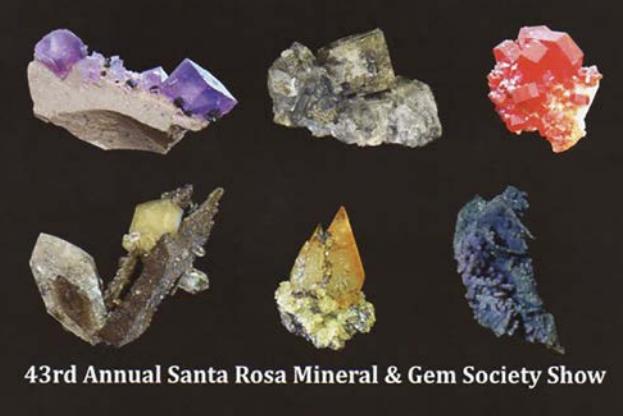
**Vendor Info:** [vendors@bigsurjadefestival.com](mailto:vendors@bigsurjadefestival.com)

**Website:** [bigsurjadefest.com](http://bigsurjadefest.com)

**No onsite ATM:** Bring cash for purchases.

**Web:** [www.facebook.com/palmdalegemandmineralclub](http://www.facebook.com/palmdalegemandmineralclub)

Vendors, displays, children's activities, demonstrators, food, door prize and grand prize drawings.



43rd Annual Santa Rosa Mineral & Gem Society Show

**19–20 SANTA ROSA, CA – SRMGS 43rd Annual Mineral & Gem Show**

**Sponsor:** Santa Rosa Mineral & Gem Society

**Where:** The Veterans Memorial

1351 Maple Avenue, Santa Rosa, CA 95404

**Hours:** Sat 10am – 6pm, Sun 10am – 5pm

Admission: Adult \$6.00 (\$5.00 w/ coupon), Children under 12 Free.

**Contact:** [SantaRosaRockShow@hotmail.com](mailto:SantaRosaRockShow@hotmail.com)

**Web:** [srmgs.org](http://srmgs.org)

Dealers from all over California, games and crafts for the kids, a fun Raffle, Gold Panning, member display cases, special exhibits (fluorescent rocks this year), rock identification, plus lots more.

**19 WEST HILLS, CA – WHRC Gem Show**

**Sponsor:** Woodland Hills Rock Chippers

**Where:** First United Methodist Church

22700 Sherman Way, Woodland Hills, CA 91307

**Hours:** 10am – 5pm

**Contact:** Virginia, [whrc@rockchippers.org](mailto:whrc@rockchippers.org)

**Web:** [rockchippers.org](http://rockchippers.org)

Dealers, Displays, a Country Store, Silent Auctions, Games, Rocks, Fossils, and Demonstrations. There will be free Hourly Drawings, and a Prize Raffle that is held during our show. The Two Raffle Grand Prizes are \$50.00 each, with many other prizes. Tickets for the Prize Raffle can be purchased at the show, ticket holders do not need to be present to win.

**JOHN E. GARSOW**  
**gems & minerals**

**October 13**

**Fallbrook Gem & Mineral Society's  
Fall Festival**

123 West Alvarado St.  
Fallbrook, CA 92028

**October 19 & 20**

**El Dorado County Mineral & Gem Society's  
28th Annual Gem Show**

El Dorado County Fairgrounds  
100 Placerville Drive, Placerville CA 95667

Facet Rough • Cabbing Rough  
Jewelry • Mineral Specimens

[www.johngarsow.com](http://www.johngarsow.com)

**NOVEMBER .....**

**2-3 RIDGECREST, CA – Indian Wells 64th Annual Gem & Mineral Show**  
**Sponsor:** Indian Wells Gem & Mineral Society  
**Venue:** Desert Empire Fairgrounds  
 520 S. Richmond Rd., Ridgecrest, CA 93555  
**Hours:** 9:00am – 5:00pm daily  
**Admission and Parking:** Free.  
**Contact:** 760-375-8000  
**Web:** [www.ridgecrestevents.com](http://www.ridgecrestevents.com)  
 Display cases, door prizes, silent auctions, geode cutting.

**2-3 SANTA ANA, CA – 52nd Annual Opal, Gem & Jewelry Show**  
**Sponsor:** American Opal Society  
**Venue:** Business Expo Center  
 1960 S. Anaheim Way, Anaheim, CA 92805  
**Hours:** Sat 10am – 6pm, Sun 10am – 5pm  
**Admission:** Adults \$5.00, Kids under 15 Free.  
**Parking:** Free.  
**Contact:** Veronica Purpura, 714-501-9959 or [angeldragonoflight@yahoo.com](mailto:angeldragonoflight@yahoo.com)  
**Web:** [opalsociety.org](http://opalsociety.org)  
 Opal and gem dealers from around the USA and Australia. Rough and cut opals, other gemstones, jewelry & supplies. Huge drawing  
**GRAND PRIZE:** custom design by Stan McCall. Many other prizes: gemstones, jewelry, books, tools, surprises. FREE demonstrations: gemstone cutting, jewelry making, gemstone identification, faceting, gold panning, and more!

**16-17 LAKESIDE, CA – Rock & Gem Round-up**  
**Sponsor:** El Cajon Valley Gem & Mineral Society  
**Venue:** Lakeside Rodeo Grounds  
 12584 Mapleview St., Lakeside, CA 92040  
**Hours:** Sat 10am – 5pm  
 Sun 10am – 4pm  
**Admission & Parking:** Free  
**Contact:** Mary Ness, 619-449-0759 or [ecvgms@gmail.com](mailto:ecvgms@gmail.com)  
**Web:** [www.ecvgms.org/annual-show.html](http://www.ecvgms.org/annual-show.html)  
 Inside and outside vendors featuring rocks, gems, minerals, fossils, slabs, beads, jewelry, lapidary supplies and crafts, and also kids' activities, raffle.

**22-24 Costa Mesa, CA – West Coast Gem & Mineral Show – Fall**

**Sponsor:** LLD Productions Inc.  
**Venue:** Hilton Orange County / Costa Mesa  
 3050 Bristol St., Costa Mesa, CA 92626

**Hours:** Fri and Sat 10:00am – 6:00pm  
 Sun 10:00am – 5:00pm

**Admission:** Free. Public welcome.

**Customer Parking:** \$10.00 per day

**Web:** [www.mineralshowsLLD.com](http://www.mineralshowsLLD.com)

75 vendors dealers, wholesale and retail featuring gems, minerals, fossils, jewelry, beads, meteorites, decorator items, lapidary, and more. (Resale certificate needed or admission to wholesale.)

**23-24 OXNARD, CA – 50th Annual Galaxy of Gems Expo – “Gold”**

**Presented by:** Oxnard Gem & Mineral Society  
**Venue:** Oxnard Performing Arts Center  
 800 Hobson Way, Oxnard, CA 93030

**Hours:** Sat 10am – 5pm  
 Sun 10am – 4pm

**Admission and Parking:** Free

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## SDMG BOARD MEETING HIGHLIGHTS

May 20, 2019

**In attendance:** President Jim Parrish and Board members Andy Anderson, John Kruzel, Wayne Moorhead, Doug Peeler, Anne Schafer, Dave Smith, Jennifer Stapp, Denny Turner and Paul Williams. There was not a quorum. **Excused:** Rocio Bergum, Stephanie Griffin, Bob Hancock, Ellen Riceman, Sally Parrish and Jill Williamson. **Absent:** Donna Beers, Donna Casey, Melissa Ordway and Dee Smith. **Guest:** Letty Evans.

**Membership:** Membership Secretary Angie Cannon reported via email that SDMG had 771 members as of May 18th.

**Juniors:** Dave Smith reported that the Juniors' hosted General Meeting was great, with three Juniors in attendance (possible, since the meeting was held on a Friday night). Gerry Alvarado presented an excellent program on gemstone inclusions. Attendance at the meeting: 40.

The Juniors also entered and prepared an exhibit for the Fair, "Collecting Cabs," with Angie Cannon helping with liners and risers.

**SVAC Liaison:** Jim Parrish reported that Spanish Village patched some potholes in the asphalt near the SDMG Building, including some under the drip edges.

**School Director:** Wayne Moorhead and Asst. School Director Denny Turner worked out a new schedule for class fees, to be implemented when classes start up after Labor Day. Classes lasting 3 hours or less are to charge \$6 per class; classes lasting over 3 hours are to charge \$8 per class. Juniors' class fee will remain at \$1 per class.

**Donations to SDMG Library:** (1) Mike Harlow donated a book, Smithsonian Gemstones. (2) Renee Newman donated a copy of her new book, Diamonds, as well as a copy of her Gemstone Buyer's Guide.

**Outreach:** Dave Smith gave tours to various groups, and listed the tours in the outreach log.

**Public Lands:** Lisbet Thoresen provided a positive report via email. A field trip was conducted with the BLM, Bill Depue of Diamond Pacific, Lisbet and others to Cady Mountains collecting sites. As a

result, the BLM is now pro-rockhound and lapidary collecting, and has written language into its plans to keep roads open for seniors and the disabled.

**BBQ:** Anne Schafer's preliminary financial report estimated a net income of \$969.96 for the event. Number of meal tickets sold: 136. Net income from Silent Auction was \$1,871.28, which was less than last year since fewer items were put out and larger equipment was sold via Craigslist.

**S.D. County Fair:** Anne Schafer indicated that 368 exhibits were entered this year, the third-highest number ever. Jennifer Stapp said to contact her to volunteer for a shift on sand pile duty, or to do a demonstration.

**Show:** A one-day "Cab & Slab" sale was proposed for the first weekend in November, the date for the former "Gem Diego" show.

*(Any member may attend Board meetings.)*

## SDMG BOARD MEETING HIGHLIGHTS

June 17, 2019

**In attendance:** President Jim Parrish and Board members Andy Anderson, Stephanie Griffin, Bob Hancock, John Kruzel, Wayne Moorhead, Doug Peeler, Ellen Riceman, Anne Schafer, Dave Smith, Jennifer Stapp, Denny Turner, Paul Williams and Jill Williamson. A quorum was present. **Excused:** Donna Beers, Rocio Bergum, Melissa Ordway, Sally Parrish and Dee Smith. **Absent:** Donna Casey. **Guests:** LuAnn Benton, Letty Evans and Rich Yarbrough.

**President:** Jim Parrish announced Dee Smith's wish to resign from the Board of Directors. Motion carried unanimously to accept her resignation, effective immediately. Jim to write thank-you letter to Dee Smith for her service.

**Membership:** Membership Secretary Angie Cannon reported via email that SDMG had 786 members, and renewals were being sent out.

Paul Williams made a motion to raise all adult membership dues to \$30, beginning Jan. 1, 2020. Motion carried, 13 to 1.

**SVAC Liaison:** Jim Parrish reported that a new exterior door was installed on the SDMG electric meter room on the south side of the building.

**Juniors:** Dave Smith reported that 7 Juniors attended the most recent Junior class session. All slots were filled for June 27 and July 3, the two days that Juniors and their parents had volunteered to staff the sand pile at the Fair. A field trip will be planned for the fall, either October or November.

**School Director:** Wayne Moorhead purchased 100 lbs. of oil absorber, paper bags and gallons of saw oil. Ten sets of new diamond wheels are on order, to arrive in a week. Two classes will not be held over the summer; Elbert McCune will not be teaching until fall. LuAnn Benton will fill in as carving instructor for Jan Kunsa.

Asst. School Director Denny Turner will be in charge of restocking supplies over the summer, as well as contacting instructors to ask if they have room for new students.

**Outreach:** Dave Smith gave tours to various groups, and listed the tours in the outreach log. LuAnn Benton has also given many tours; David to show her the location of the outreach logbook.

**Donation:** Steve Wolfe donated 150 lbs. of rock; he is leaving the petrified wood business.

**Banquet:** Jennifer Stapp made contact with the missing scholarship recipient who had not attended the 2019 Banquet, nor any General Meeting since then to pick up his scholarship check. Motion carried, 10 to 4, to revoke the \$1,000 scholarship to this individual. Jennifer to write letter to advise the student of this action.

**Unfinished business:** Motion carried, 12 to 2, to raise class fees effective Sept. 1, 2019. Classes running 3 hours or less to charge \$6. Classes running more than 3 hours to charge \$8. Junior class fee to remain unchanged, at \$1.

**New business:** Motion carried unanimously to authorize Treasurer to move \$50,000 from the Show checking account to a 1-year CD at an online bank or another banking institution.

A new Website committee was formed, consisting of Jim Parrish, Wayne Moorhead and Jennifer Stapp. They plan to update the Board in September on new findings with respect to improving the current SDMG website and instituting ecommerce.

*(Any member may attend Board meetings.)*

## SDMG BOARD MEETING HIGHLIGHTS

September 16, 2019

**In attendance:** President Jim Parrish and Board members Andy Anderson, Donna Beers, Donna Casey, Bob Hancock, John Kruzel, Wayne Moorhead, Anne Schafer, Dave Smith, Jennifer Stapp, Denny Turner, Paul Williams and Jill Williamson. A quorum was present. **Excused:** Rocio Bergum, Melissa Ordway, Sally Parrish, Doug Peeler and Ellen Riceman. **Absent:** Stephanie Griffin. **Guests:** Letty Evans and Nita Sani.

**President:** Jim Parrish read a letter from Melissa Ordway, stating she wished to resign from the Board of Directors, effective Sept. 16, 2019. Motion carried unanimously to accept her resignation, effective immediately.

**Membership:** Membership Secretary Angie Cannon reported via email that SDMG had 503 new and renewal members, of which total 39 were Juniors.

**Museum Curator:** Jim Parrish is preparing a new meteorite exhibit, to include Trinityite donated by the New Mexico Tech museum. He is planning on updating the new acquisitions exhibit, and reinstalling the dino bone exhibit.

**Librarian:** Donna Beers provided the new hours for the SDMG Library: Tuesdays, between 11 am to 2 pm; and Wednesdays, from 9 to 11 am, and from 1 to 3 pm. She also stated that GIA had donated two books to the GSSD Library.

**Juniors:** Dave Smith reported that 8 Juniors attended the most recent Junior class session. The maximum number of students that may attend Junior class is about 12 to 14. Elbert McCune is still helping with the Juniors; Dave gives him a ride to the club twice a week.

**School Director:** Wayne Moorhead reported that the last of the old bumpy sanding wheels have been replaced, new diamond grinding wheels have been installed, and an excellent cleanup crew of 40 people turned out on Wednesday, Sept. 7, to clean the cab, faceting, silver and casting classrooms.

Discussion about installing hour meters on the slab saws focused on determining usage of the saws

for maintenance purposes, as well as determining if after-hours usage is occurring.

**Asst. School Director:** Denny Turner is handling restocking of the “Silver Store” and the “Casting Store”, as well as reordering supplies necessary for classes. David Smith indicated that additional rubber sprue bases should be ordered for casting class. Jim Parrish pointed out that a new bulletin board was installed on the north Silver Room door.

Denny reported that all the casting instructor agreements have been signed and returned, and that similar class-specific agreements may be developed for cabochon and other classes.

**Faceting Liaison:** Bob Hancock reported that the Wednesday morning and afternoon faceting classes are full. Bob was in charge of faceting demos at the Fair for about four weeks, and during that time, Mike Harkleroad filled in for him at SDMG.

**Outreach:** Donna Beers gave tours to people, and listed the tours in the outreach log.

**Donation:** Denny Turner donated \$200 to the SDMG General Fund.

**Christmas Potluck:** Jennifer Stapp reported that Melissa Ordway was stepping down as potluck co-chair. Nita Sani will be the new co-chairlady.

**Banquet:** Jennifer Stapp reported that Nita Sani would be replacing Melissa Ordway as co-chair of the Annual Banquet in March. There was much support for inviting Meg Berry to speak again at the 2020 Banquet.

**Show:** Since no show is scheduled for 2019, a “Cab & Slab” sale will be held in the SDMG Building on Sunday, Nov. 3, from 9 am to 1 pm.

**New business:** Angie Cannon suggested that since fewer printed copies of *The Pegmatite* are being produced, that a special postcard handout for SDMG Museum visitors be printed up. She will design the postcard, to reference the SDMG website. 1,000 postcards can be printed for \$65. Motion carried unanimously to have Angie design and order these handout postcards.

*(Any member may attend Board meetings. The next one is October 21 at 7 p.m. in the SDMG Building.)*

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## WEBSITES

SDMG:  
[sdmg.org](http://sdmg.org)

CFMS: AFMS:  
[cfmsinc.org](http://cfmsinc.org) [www.amfed.org](http://www.amfed.org)

PUBLIC LANDS: BLM:  
[www.amlands.org](http://www.amlands.org) [www.blm.gov/california](http://www.blm.gov/california)

BOB'S ROCK SHOP:  
[www.rockhounds.com](http://www.rockhounds.com)

MUSEUMS:  
[www.sdnhm.org](http://www.sdnhm.org) nhm.org  
[www.amnh.org](http://www.amnh.org) [naturalhistory.si.edu](http://naturalhistory.si.edu)  
[www.gia.edu](http://www.gia.edu)



## CLASS SCHEDULE – 2019

### REGISTRATION IS REQUIRED BEFORE ALL CLASSES.

Email [school@sdmg.org](mailto:school@sdmg.org) for class availability before attending any class to find out when the class starts and ends, if special materials are required and whether you qualify to attend. Fees: \$6.00 per session (3 hrs or less); \$8.00 per session (more than 3 hrs); \$1.00 for Juniors; it is usually easier for instructors if payment is made for a full month; cash or checks only, please. **Classes are open to members only** and students must read and follow the **School Rules** available in the classroom and at:

<https://sdmg.org/class-schedule/school-rules.pdf>

<b>CABOCHONS</b>	Wed	9 – 11:30am	Jim Claypool
	Wed	6 – 9pm	Nita Sani
	Thu	9am – noon	John Kruzel
	Thu	7 – 9pm	Jon Evans
<b>FACETING</b>	Tue	noon – 3pm	Elbert McCune
	Tue	7 – 9pm	Jerod Schneider
	Wed	9am – noon	Bob Hancock
	Wed	7 – 9pm	Elbert McCune
	Thu	7 – 9pm	Bill Brisebois
<b>ADV. FACETING</b>	Wed	noon – 3pm	Donna Beers
<b>BEG. METALS FABRICATION</b>	Mon	1:30 – 4:30pm	Lloyd Steven
	Thu	9am – noon	Denny Turner
	Thu	1 – 4pm	Denny Turner
<b>ADV. METALS FABRICATION</b>	Tue	9am – 3pm	Jill Williamson
	Tue	7 – 9pm	Al Puente
	Wed	9am – 3pm	Denny Turner
	Wed	9am – 3pm	Jackie Leverone
	Thu	7 – 9pm	Ellen Riceman
	Fri	9am – 3pm	Jill Williamson
<b>CASTING</b>	Mon	1:30 – 7pm	Christina Sanchez
	Tue	9am – 2pm	Dave Smith
	Fri	5 – 7pm	Rich Yarbrough
<b>WIRE WRAPPING</b>	Thu	9am – noon	Yvonne Juarez
<b>SPHERE MAKING</b>	Sat	1 – 3:30pm	Paul Williams
<b>ROCK CARVING</b>	Mon	9am – 1pm	Jan Kunsa
<b>JUNIORS</b>	Sat	10am – 1pm	Dave Smith

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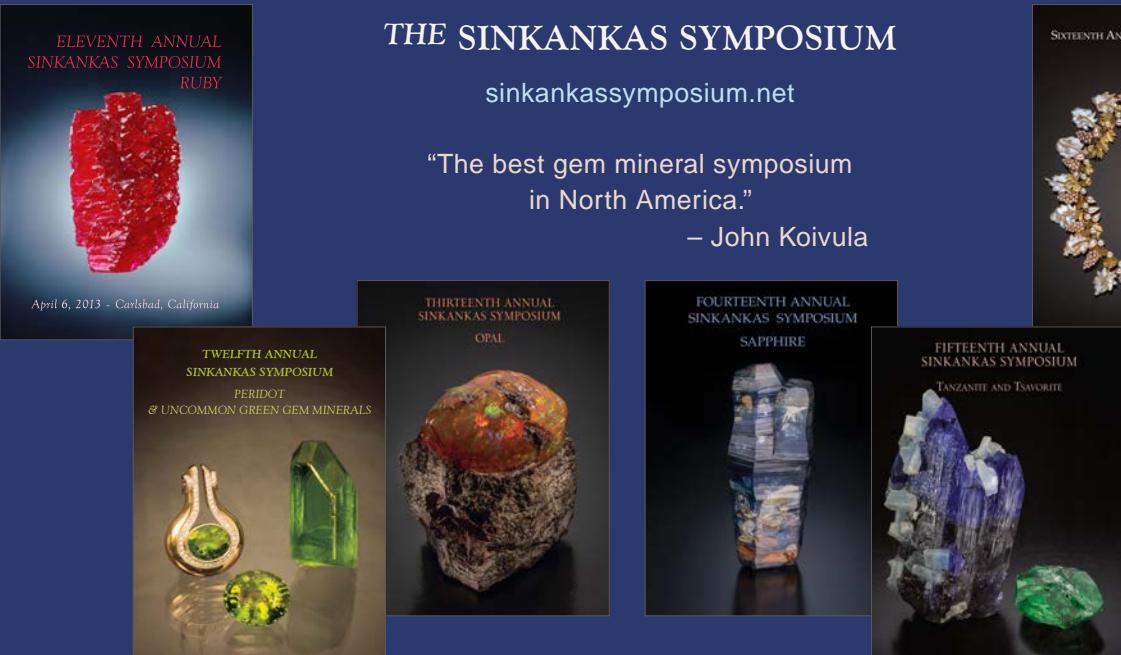
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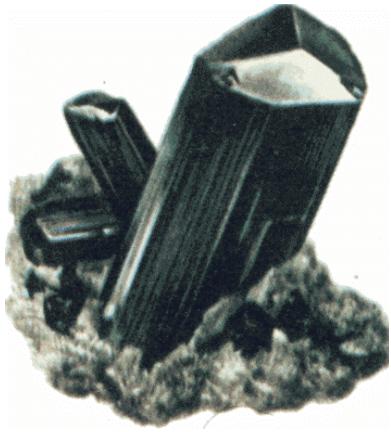


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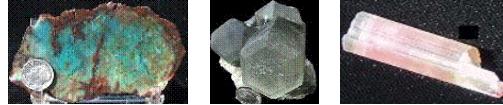
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13 Fallbrook Gem & Mineral Society show	14	15	16	17	18	19
20	21 SDMG Board Mtg 7pm, SDMG Bldg	22	23	24	25	26
27	28 SDMG General Mtg 7pm, SDMG Bldg	29	30	31	1	2