

# Canaveral Moonstone



## Presidents Corner



Well May has come and gone, but not without a great show at our annual Dollies Picnic! I think I speak for all of us when I say if you were not there you missed a great day with some fantastic buys! The tailgating this year was a good turnout, I found some particularly useful tools while shopping amongst the various members. The weather was perfect, and the company was delightful.

This month's meeting will take place on National Rocky Road Day! June 2<sup>nd</sup>. And next month there is International Rock Day, July 13<sup>th</sup> (Check out this website for more info! <https://happydays365.org/rock-day/international-rock-day-july-13/> )



July brings us to another great opportunity to be a part of your club, our JULY OPEN HOUSE! ( July 7<sup>th</sup> at Front Street Civic center). As is the case in previous July meetings, there will not be a business meeting. July is the opportunity for members to display and share their creations. Bringing a guest is highly encouraged. This will also be the first time in a long time that bringing a baked good or snack to share is encouraged! The Club will provide beverages.

Looking forward to seeing all of you on National Rocky Road Day, Ahem I mean June 2<sup>nd</sup>.

Melissa Horan

CMGS President 2021

**Exchange Bulletins are Welcome**

**(All material may be copied unless otherwise noted if credit is given)**

**The Dead Line for the July Moonstone is June 20, 2021.**

**The URL for CMGS web site is: <http://www.canaveral-mgs.com/>**

The **Canaveral Mineral and Gem Society** (CM&GS) is a registered Florida not-profit-corporation approved by the Internal Revenue Service as a tax exempt , organization under Internal Revenue Code section of Florida 501 (c) (7) for the following purposes:

1. For the preservation, support, and promotion of the hobby of Mineralogy and its various forms of allied activities and earth sciences.
2. To dedicate ourselves to the furtherance of the hobby through the exchange of knowledge, experience, and other helpful information among ourselves and other like organizations.
3. To further the education of members and the general public of the hobby by programming talks, discussions, motion pictures, field trips, and the staging of shows and exhibitions.
4. To maintain an active affiliation with the Southeast Federation of Mineralogical Societies and to participate in Federation activities to the fullest extent possible.

### **Goals and Objectives**

5. To promote the spirit of cooperation and fellowship among the membership.
6. To increase our knowledge of rocks and minerals and to explore the mystery and wonder of the earth.
7. To actively encourage members to attend educational classes, workshops, lectures, and demonstrations.
8. To stimulate interest in the earth sciences within the community by providing scholarships to worthy students at all educational levels.
9. To provide the necessary equipment and resources to enable members to develop their interests.
10. To enjoy our hobby and Have Fun!

### **Affiliations**

The Canaveral Mineral and Gem Society is a member of the Southeast Federation of Mineralogical Societies (SFMS) and the American Federation of Mineralogical Societies (AFMS)

### **Meetings and Dues**

Meetings are the First Wednesday of each month (except July and August) at the Melbourne Front Street Civic Center. Meetings start at 7:00 p.m. Visitors are always welcome! Dues are \$30.00. Junior Member dues are \$2.00. Club shop is now located at 255 East Drive, Suite K, Melbourne, FL.

# June 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 <i>Open Shop</i> 11am-3pm  <i>Meeting at</i> <i>Front Street</i> <i>7PM</i>	3 <i>Open Shop</i> 5:30—9:30pm	4	5 <i>Open Shop</i> 8:30—12:30pm
6	7 <i>Open Shop</i> 5:30—9:30pm	8	9 <i>Open Shop</i> 11am-3pm	10 <i>Open Shop</i> 5:30—9:30pm	11	12 <i>Open Shop</i> 8:30—12:30pm
13	14 <i>Open Shop</i> 5:30—9:30pm	15	16 <i>Open Shop</i> 11am-3pm	17 <i>Open Shop</i> 5:30—9:30pm	18	19 <i>Open Shop</i> 8:30—12:30pm
20	21 <i>Open Shop</i> 5:30—9:30pm	22	23 <i>Open Shop</i> 11am-3pm	24	25	26 <i>Open Shop</i> 8:30—12:30pm
27	28 <i>Open Shop</i> 5:30—9:30pm	29	30 <i>Open Shop</i> 11am-3pm			

## Meetings are being held at the Front Street Civic Center

Keep in mind that social distancing and mask wearing are required for the safety of our members due to Covid19.

### Presentation at our monthly meetings

June 2, 2021 Pat Horan will give a safety presentation about fire extinguishers.

## Message from our Webbie Sharon Jones

<https://www.facebook.com/Canaveralmgs/>

Sharon is putting together a team of techies to help with Social Media. If you'd be interested, please send an email to [webiecmgs@gmail.com](mailto:webiecmgs@gmail.com)

Facebook:

Show & Tell on our Facebook site <https://www.facebook.com/Canaveralmgs/>

Please post pictures of your creations (& if you have a company name to sell your pieces, include a link to that with your post).

Additionally, if you come across any sites you've found helpful regarding our hobby, please post links and a description of why.

BTW you don't have to have a Facebook account to view our page, but you can't post information if you

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## Up coming mineral and gem shows

### Nov 14—15 Canaveral Mineral and Gem Society

**The Canaveral Mineral & Gem Society will present its 46th annual "Parade of Gems" Show & Sales**

Location: Melbourne Auditorium 625 East Hibiscus Blvd. , Melbourne, FL 32901

Action: 40+ dealers displaying & selling Jewelry, Gems, Minerals, Crystals, Fossils, Tools, Rocks and Slabs

Admission: \$5.00 Donation

Information: <http://www.canaveral-mgs.com>.

Dealer Setup: November 13; Noon to 6:00pm followed by Member & Dealer Dinner.

### **November 20 – 21, 2021; West Palm Beach, FL**

Gem, Mineral Jewelry, Bead and Fossil Show

Gem & Mineral Society of the Palm Beaches

Sat: 9AM-6PM; Sun: 10-5PM

South Florida Fairgrounds, Expo Center East,

9067 Southern Blvd., West Palm Beach, FL 33411

Over 70 dealers, Demonstrations, Exhibits, Geode Cracking, Gemstone Mining, Spin-the-Wheel Game, Kiddie Korner, Face & Rock Painting, Grand Prize Drawing, Door Prizes and several other drawings, Speakers, FREE

**Canaveral Mineral and Gem Society**  
**May 5th, 2021 Meeting Minutes**

President Melissa Horan opened the meeting Wednesday, May 5th at 7:09 pm at The Melbourne Front Street Civic Center, Melbourne, FL.

Sharon Jones, a member of our club spoke on designing and making an amazing Opal Vine and Filigree Necklace. She told of issues she had and gave many helpful tips on silversmithing. She showed how she comes up with designs for her pieces on graph paper. Sharon has made a point of learning how to make silver filigree leaves as well as other difficult designs and casted flowers for more intricacy in her pieces. Some of her many suggestions were to use a soldering brick with pins to help hold down pieces, honeycomb boards for holding things together, and a good quality 3<sup>rd</sup> hand. Thanks Sharon for sharing your beautiful pieces and wonderful ideas.

Melissa announced new classes coming up – She will be teaching casting. Scott is teaching more cab classes and Dave Jacobson and Sharon Jones will teach silver smithing. Melissa also announced that we need donations for Dolly's Auction, which will be held Sunday, May 16<sup>th</sup> at Goode Park. If you want to tailgate, you can put your things out to sell. You can set up around 9 am. Auction starts at 1 pm. Unfortunately, this year we will not be having a picnic due to Covid. Please bring your own lunch. This year we will have paddles for the auction.

Secretary, Mary Kinberg – Mary made an amendment to the April minutes to include the names of the winners for William Holland and Wild Acres Scholarship. These names were drawn at the April meeting but were not included in the minutes. The winners were Jim Williams, Jannine Ragan and Mark Heathman. Alternates are Liz Ritter, Jim Ragan and Christine Miller. The club voted on the Amended April minutes and approved them.

Treasurer, Liz Ritter – Liz went over the outstanding checks, expenses and money coming into the club. Liz also announced that she will be gone for Dolly's picnic and Mary will collect the money at the auction. Only cash and checks at the auction.

Education Chairman, Dave Wayment – Dave donated and put together three basic silversmithing kits for the workshop. He showed the box with most of the things you will need for beginning silversmithing. Please keep the kits together for the classes. Thanks Dave.

Membership Chairman, Kathie Burnette - we are at 116 members. If you don't have a badge make sure to see Kathie.

Librarian, Sara Denaburg - Sara gave Sue Diebel the credit for really setting up the library. Both Keith and Sharon commented on how good the library is. Thanks Sara and Sue!

Dave Jacobson spoke on Corundum. Two of the most famous gems are varieties of corundum- rubies and sapphires. Emory is a non-gem grade that is used as an abrasive. Corundum is the second hardest mineral on the Mohs scale.

Show and Tell: Scott Bellinger brought in many different specimens of corundum including rubies and sapphire. Art DeLaurentis shared 4 different pendants and 2 knives that he made. The pendants and knives were all different with settings of Mexican Matrix Opals, inlaid and intarsias in intricate designs including an ammonite set in a six sided pendant. He also showed ruby and sapphire stones that he collected. Melissa showed a wonderful earring stand that Joe Gallo made and beautiful pine cone earrings that she casted. Debbie Jorgensen made a stunning pendant with a casted cactus on a bolo tie. Calley Dawson brought in Fordite pieces that she cabbed. Sharon Jones also displayed some of her amazing filigree pieces, pendants, bracelets and leaves. Thanks everyone for sharing! We all learn so much from Show and Tell.

Secretary  
Mary Kinberg

## Bench Tips by Brad Smith

### Work Smarter & Be More Productive With Brad's "How To" Jewelry Books

[Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)

**SETTING A RIVET** Riveting is usually done with a cross peen hammer, but I've found it's a lot easier for me to hit the rivet wire when using a small ball peen - and the smaller the better. Shown here is one I typically use. It's about 3/8 inch diameter on the back of a chasing hammer, but I've been thinking that a 3/16 inch ball might be even better. Look for a yard sale hammer you can modify to work.



**SHEET WAX WITH ADHESIVE** While shopping in the Los Angeles jewelry district for supplies for our class, I found a new product that may interest some of you. Often before casting, I want to increase the thickness of a model by adding a layer of wax on the back side. For instance, models like a leaf or a flower petal do not cast well unless you add a little extra thickness. The problem is trying to apply a coating of wax that's smooth and even. The new product I found is an easily moldable sheet wax with an adhesive coating. This lets me easily add thickness to a very thin model. With a leaf, just press it onto the wax, trim excess wax around the outer edges, and then gently bend the sandwich to the contour you would like. The wax is available in a number of different thicknesses from about 26 ga to 14 ga.



Solve Your Jewelry Making Problems With Brad's "How To" Books

[www.amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)



Pictures from Dolly’s Picnic  
MAY 16, 2021



## Mineral of The Month – Elemental Copper

By Dave Jacobson

This month we will take a look at one of the native elements, copper (Cu), which is the mineral in its native metallic form. Native copper will commonly form in volcanic basalt by the reaction of copper bearing solutions with the iron oxide minerals in the basalt. It also forms in hydrothermal replacement deposits and by chemical processes in the oxidation zone of sulfide deposits. Some native copper can usually be found in copper mining areas. Other associated minerals are silver, calcite, malachite and other copper minerals. A specimen containing both native copper and silver is called a "half breed". Some of the finest specimens in the USA come from the Keweenaw Peninsula in Michigan. Other notable occurrences in the USA include Arizona and New Jersey.

Native copper is in the isometric crystal system although individual crystals are rare. When crystallized the shapes are usually cubes and octahedrons. It is usually found in masses, wires, dendrites and other arborescent or branching forms. Sometimes recognizable crystal faces are visible on the outer surfaces of massive native copper.

Color is typical copper coloring with some specimens tarnished in varying shades, primarily green. It has a metallic luster. Streak is reddish copper. Hardness is 2.5 to 3. Specific gravity is 8.9+. Native copper is ductile which means it can be beaten, pounded and shaped.

Native copper is a minor copper ore since it is rarely found in large enough quantities to make it worth mining. Other copper ores are more economic to mine and refine in producing copper. I speculate that in the early days of mining history native copper was more important ore of copper than it is now. Native copper is primarily used as a mineral specimen.

Copper takes its name from the Greek *Kyprios*, referring to the Island of Cyprus, a site of ancient copper mining.

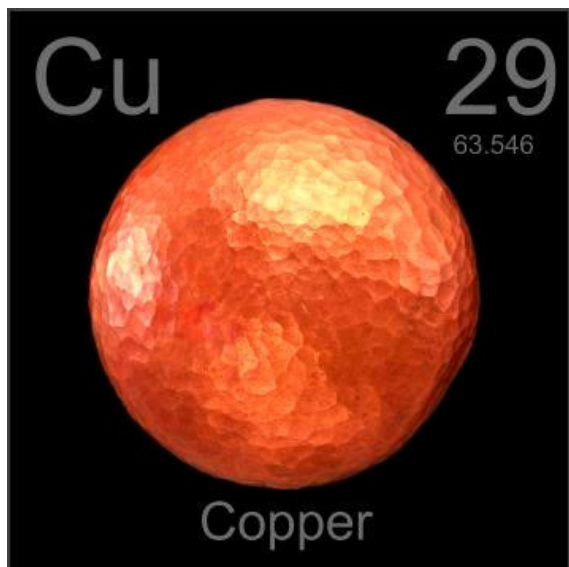
I used the following reference materials in preparing this article.

Field Guide To Rocks And Minerals by Frederick H. Pough.

Mineralogy For Amateurs by John Sinkankus. Simon & Schuster's Guide to Rocks And Minerals.

The Audubon Society Field Guide To North American Rocks and Minerals.

Amethyst Galleries Mineral Gallery on the internet (address <http://mineral.galleries.com>).





The SFMS Wildacres Workshops are online. Please go to [sfmsworkshops.org](https://sfmsworkshops.org) for class descriptions and instructor bios. Below is a list of classes. They're starting to fill up, so don't wait too long.

## **William Holland has been cancelled for 2021**

### **SFMS Wildacres Workshops**

**8/23-29/21 & 9/13-19/21**

#### **August 23-29, 2021**

Janson Hamilton - Silver II - Filigree  
Cindy Moore - Metal Mania  
Jeff Sheer - Special Projects  
Morning Sherrod - Southwest Silver  
Rowan Morgan - Wire Wrap  
Bill Harr - Casting

#### **September 13-19, 2021**

Chuck Bruce - Silver III - Inlay II  
Cindy Moore - Metal Mania  
Mary Lou Hillenbrand - Chain  
Bill Harr - Casting  
Jerri Heer - Gem Trees  
Tom Slavicek - Leather

For more information contact the SFMS WA-Registrar:

Claudia Erwin

[registrarwildacres@gmail.com](mailto:registrarwildacres@gmail.com)

or Call: 865-973-1933

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The Canaveral Mineral and Gem Society meets the First Wednesday of each month at the Front Street Civic Center, Melbourne, Florida. The time of the Meeting is 7:00PM . Visitors are always welcome.

**CANAVERAL MINERAL & GEM SOCIETY**  
**NEWSLETTER: MOONSTONE**