

Canaveral Moonstone



Presidents Corner



The good thing about August; it gets cooler in September and the rain slacks off. The most enjoyable spots are the beach, a pool or anywhere there is air conditioning. However, don't forget, this is the most delightful place to live most of the year!



I wish to thank the many CMGS members for supporting our opportunity to share our love of Rocks & Minerals and Gems with the public. I have received most of items and several members will bring additional display items to our August meeting. We plan to display them in the display case at the Melbourne **Beach** Library on Friday, August 3 and recover them on Saturday, September 1. I will bring the recovered loan items to the Henegar, or I will return them your homes if you prefer.



I am scheduling a CMGS board meeting for Wednesday, August 22 (6:30 to 8:00 at the Henegar) to review our plans for our Parade of Gems show . Any member with ideas to improve our show, or would be willing to volunteer to help execute the show (November 10 & 11), is welcome to join us. You may also send me a message; fdjmc@aol.com or 321-723-2592

Don

Exchange Bulletins are Welcome

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

The Dead Line for the September Moonstone is August 20, 2018

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

Feel free to send me articles or pictures for the newsletter at shannonb787@gmail.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 at the Henegar Center, 625 E. New Haven Ave., Melbourne, Florida. Meetings start at 7:00 p.m. Visitors are always welcome! Dues are \$20.00. Junior Member dues are \$2.00.

It's time to pay your dues for 2018. Remember that you will be removed from the class lists if you do not renew by April 1.

August 2018

Mon Tue Wed Thu Fri Sat

			1 Monthly Meeting 7PM	2	3	4 Open Shop 9 am-12
5	6 Open Shop 6 pm—9 pm	7	8	9	10	11 Open Shop 9 am-12
12	13 Open Shop 6 pm—9 pm	14	15	16	17	18
19	20 Open Shop 6 pm—9 pm	21	22	23	24	25 Open Shop 9 am-12
26	27 Open Shop 6 pm—9 pm	28	29	30	31	

* Beading Classes are currently being held at Haydee’s house while she recovers from knee surgery.

Canaveral Mineral and Gem Society Website

Built and Maintained by Sharon Jones

Are you using the "Memeber's Only" portion of the club's website??? Did you know we HAVE a website??? <http://www.canaveral-mgs.com>

On the Member's Only portion, you can find things like

The member's phone list (don't worry, only our members can see this by logging in)
 Tips & Tricks....like

- how to remove unwanted solder blobs
- the best materials to use to polish various types of stones to get the highest luster possible
- etc.

You'll be asked to "log in" (don't worry, info is on that page to tell you how). While you're checking it out, add you're 3 cents worth (yes, there is inflation). If you have a tool, website or tip you've found helpful, don't be stingy, share your info with other members. Just click the relevant right-hand sidebar category then hit "comment" to post your info...we'll all benefit! If you have questions about using this area or suggestions for improvement, click "contact" & fill in the form...I'm the webie & I'll get back to you.

Bench Tips by Brad Smith

See all Brad's jewelry books at [Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)

SAWING SMALL TUBING

When making a hinged bracelet, I needed to cut 16 pieces of small diameter silver tubing. These were to be just approximate lengths and trimmed to final size after soldering. Not having a tube cutter, I had trouble holding the tubing on the bench pin while trying to saw through it.

So here's what I did. I drilled a hole in the side of the bench pin just large enough for the tubing to slide into and almost as deep as the length of cut tubing I wanted. Sawing became quick and easy. With my free hand, I inserted the tubing and held it from rotating while sawing off each length.



SECRET INGREDIENT

Those of us who use paste solders sometimes find an old tube has dried out. There should be some way to recondition it, but what to use? Calling tech support at the suppliers didn't work for me. Either they don't know what the ingredient is or won't tell you the secret.

None of us likes to waste an expensive material, especially at \$16 - 20 a tube, so I've often experimented with ways to rejuvenate it. Mixing in a liquid flux doesn't work. When the liquid starts to boil off, it spatters the solder in all directions.

But after several failed experiments I finally found a way that does work. My secret ingredient is Vaseline petroleum jelly. Mix in just enough to restore the consistency to something that's usable. If you use too much, the lump of solder will flow over a wide area as soon as the torch starts heating it.

If your solder is in a syringe, it can be a little difficult to get the plunger out. I find the easiest way is to poke a hole through the solder from the tip to the rubber plunger (a bur shaft was the right size for my tube). The hole allows air to enter between the solder and the plunger, allowing the plunger to be slowly withdrawn. Once the solder is out of tube, you can easily add the Vaseline, mix it up, and spoon it back into the syringe.



Mineral Of The Month – Wulfenite

By Dave Jacobson

Wulfenite (PbMoO_4) lead molybdate is our featured mineral this month. Wulfenite is a favorite of many mineral collectors. It is in the subclass of minerals called molybdates. It is a secondary mineral, which occurs in oxidized zones of ore deposits containing lead and molybdenum. Some associated minerals are vanadinite, mimetite, cerussite, limonite, calcite and hemimorphite. It is sometimes mined as a secondary ore of molybdenum. Some of the finest specimens



are found in the southwestern United States. Principal deposits of wulfenite in the United States are in Utah, Nevada, New Mexico, Arizona and Pennsylvania.

Wulfenite is in the tetragonal crystal system. The crystals are usually tabular (thick or thin) in shape and occur at scattered angles on matrix. The crystals are brittle with a sub-conchoidal to uneven fracture. The color of wulfenite ranges from yellow, orange, red and gray to white. Luster can be satin like or diamond like. It has a hardness of 2.5 to 3.0 with a specific gravity of 6.5 to 7.0. It streak tests white.

Wulfenite is named the Austrian mineralogist Franz Xaver von Wulfen (1728 -1805).

The following reference materials were used in preparing this article:

A Field Guide to Rocks And Minerals by Frederick H. Pough.

Mineralogy For Amateurs by John Sinkankus.

Simon & Schusters Guide to Rocks And Minerals.

Microsoft Encarta 96 Encyclopedia

Amethyst Galleries Mineral Gallery on the Internet at <http://mineral.galleries.com>

We are looking for a new Secretary for the club. Denise has done a wonderful job for a long time, but would like to find a replacement secretary.

Please contact Denise Jackson or DonMcLamb if you are interested in helping the club document the things we do.

SFMS CLASSES 2018**Wildacres****8/20-8/26, 2018**

Casting

Chain Maille

Introduction to Gem ID

Metal Clay – Tangible Moments

Metalwork Special Projects

Silver I

Wire

9/17-9/23, 2018

Chain Maille

Cold Connection

Electro-Etching

Enameling

Intro to Inlay

Seed Bead Weaving

Visit the website for more information <http://sfmsworkshops.com/>*Upcoming Gem and Mineral shows*

09/21/18 - 09/23/18	Jacksonville Gem & Mineral Show Morocco Temple	Jacksonville
10/05/18 - 10/07/18	Central Florida Mineral & Gem Society Fall Gem, Mineral, & Bead Show FL National Guard Armory	Orlando
10/19/18 - 10/22/18	JIS October Miami Beach Convention Center	Miami Beach
11/02-18 – 11/04/18	Jacksonville Christmas Bead & Jewelry Show Morocco Shrine Center	Jacksonville
11/03/18 – 11/4/18	Florida Fossil Hunters Fossil Fair Central Florida Fairgrounds	Orlando
11/10/18 – 11/11/18	Canaveral Mineral & Gem Society Show & Sale Melbourne Auditorium	Melbourne

Club contacts

President: Don McLamb, 570 Seabreeze Dr., Indialantic, FL 32903, (321) 723-2592

Vice President: Nancy Stark, 1610 Sutschek St NE, Palm Bay, FL 32907, (321) 749-7675

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Board of Directors (Past President) 3yr: Dave Jacobson, (321) 676-4306

Board of Directors 1yr: Freda Hull , (321) 725-0847

Board of Directors 1yr: Roy Deere, (321) 725-9179



These are the first stones we wrapped in the current wire wrap class.

MaryLee, Joe and Christine are all doing wonderful.

Class is being taught by Shannon Byrd.

Bulletin Editor

Shannon Byrd

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

CANAVERAL MINERAL & GEM SOCIETY
NEWSLETTER: MOONSTONE