

Canaveral Moonstone



Presidents Corner



Our Spring (Dolly's) Picnic was a great success again. The weather was perfect, Mark Heathman got the dogs and burgers started early on our new grill, Mark Jackson brought his grill and added fire power; Patrick was supporting and agreed to take care of our new grill for next year (Thanks so very much Patrick!!) Everybody brought great sides (an over supply as always!!) Melissa, our aggressive auctioneer, ran a great auction so we made a lot of money for CMGS while we were having fun!! Items that were not sold are added to Mike's collection for the Parade of Gems silent auctions.



The final list of our CMGS scholarships awarded for our South East Fed weeks of fun and education are; Susan Hamilton, Arthur DeLaurentis and Sara Denaberg. We all envy their good fortune and wish them a great time!! 2 of these scholarships are funded by CMGS; the third was awarded to us by the SFMS.



We are "only" 6 months away from our Parade of Gems Show. All of our dealers from last year have had their 2018 contracts in hand since early January. 20 of our 50 vendors have committed. I will be following up in the next couple weeks to determine how many new vendors we may need. (At this time I have 3 recommendations) If any of you have some candidates you think may be interested, please send me their contact information; fdjmc@aol.com. BTW, It is not too early to bring in some items for Mike to use in our silent auctions and to start planning to devote a lot of volunteer time for those 2 1/2 days in November.

Don

Exchange Bulletins are Welcome

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

The Dead Line for the June Moonstone is May. 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.

May 2018

Sun Mon Tue Wed Thu Fri Sat

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

* Monday Beading Classes are 1PM—4PM and 5PM— 7:30 PM

Monday Open Shop 6PM—9PM

More lovely pieces from Art Delaurentis

First is Scenic jasper from Mexico with quartz crystals on top. Next is Biggs jasper from Oregon. Last is turquoise from Bad Boy mine Cripple Creek Colorado.



Bench Tips by Brad Smith

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

POLISHING WHEELS

In the finishing sequence there's a step called pre-polishing, between sanding and buffing, and one of the most effective tools I've found to help here is the little silicone wheels used in a Foredom or Dremel. They come in several different abrasive levels and several different shapes. The wheels are color coded to denote their abrasive level. Different shapes (coin, knife, cylinder, point, etc) are available to match the geometry of the area being cleaned up.

For a starter, I'd suggest a medium, a fine, and an extra fine wheel in both the coin shape and the knife-edge shape. Be sure to get a few extra mandrels so you'll have one of each wheel shape mounted and ready to go.

The thicker coin shapes are particularly handy. Cylinder shapes are nice for doing the inside of rings, and knife-edge shapes quickly clean up the solder joint around the outside base of your bezels .

Most jewelry catalogs carry these wheels, but often the color codes don't match between different manufacturers.



RESHAPING SILICONE WHEELS

Silicone polishing wheels in the Dremel or Foredom are a great time saver, but after using them a bit they often need to be reshaped. This is particularly true with the knife-edge wheels.

The natural thought is to grab one of your files and hold it up against the rotating wheel to reshape it. But this gives you a problem. The grinding grit in the silicone wheel is much harder than steel, meaning that you end up grinding down the teeth of your file.

The best way to reshape your polishing wheels is to use a diamond file or a separating disk. If you don't have one and must use a steel file, I sacrifice the area of the file that is closest to the handle. That's an area which is not used in normal bench work.



Mineral of The Month – Beryl

By Dave Jacobson

This month we will take a brief look at Beryl, $\text{Be}_3\text{Al}_2\text{Si}_6\text{O}_{18}$, beryllium aluminum silicate. Some of our more famous gemstones are varieties of beryl. A list of varieties follows.

- Emerald. Color green, sometimes yellowish green. The coloring agent is chrome. the name is from the Greek, smaragdos, which means green stone.
- Aquamarine. The name is Latin in origin “meaning water of the sea. The coloring agent is iron.
- Bixbite. Color is raspberry-red. Source of name unknown. Found in Utah
- Golden Beryl. Color ranges from lemon-yellow to golden -yellow.
- Goshenite. Colorless. Named after the city of Goshen, Massachusetts.
- Heliodor. Color is light yellow green. Name from the Greek meaning present from the sun.
- Morganite. Another name is pink beryl. Color ranges from soft pink to violet. Named after J.P. Morgan who also was a collector in addition to being a famous banker.

Crystal system is hexagonal. The crystals typically are hexagonal prisms, often unterminated. Streak is white Hardness is 7.5 to 8. Often there are many inclusions. When I was faceting I had a piece of aquamarine rough which I could never figure out how cut a decent stone. Found with granites, pegmatites and high temperature hydrothermal deposits. Some associated minerals are quartz, spodumene and cassiterite.

Following is a list of gemstones that have been mistaken for gem beryl’s.

- Emerald: Dementoid and tsavorite garnets, imperial jade, tourmaline, peridot, green zircon and hiddenite.
- Aquamarine: Blue topaz, euclase, kyanite, apatite, sapphire, tourmaline and zircon.
- Morganite: Kunzite, tourmaline, topaz, sapphire, spinel and rhodolite garnet.

I used the following reference materials in preparing this article. Simon and Shuster’s guide to Rocks & Minerals. Gemstones of the World by Walter Schuman. Gems & Crystals from The American Museum of Natural History. Authors, Anna S. Sofianides and George E.



March Business Report—April 4, 2018

The meeting was called to order by President Don McLamb. The club welcomed Barbara Cameron, Nancy James, Steve and Rita Kempt. Welcome!

The meeting was a nice preparation for the annual Dolly's picnic. Melissa and Patrick Horan will be running the grill and auction. We figured on a 50 headcount.

Sue Hamilton (one of our SFMS scholarship winners) asked if anyone wanted to carpool up to the workshops. Liz Ritter and she are working out the details. The March notes were accepted. Liz Ritter gave the Treasurers report and stated shop supplies were paid and we have a new cabbng machine. There was no educational report but classes are doing well.

Dave Jacobson presented the Mineral of the Month, Talc, a very soft silicate. It's used as an ingredient in paper and rubber products.

Show and Tell time; members shared nice projects worked on over the last month from beads to quartz, viking weave, button masterpieces, pendants, and bracelets. Thanks all for sharing!!

The member scholarship fund raffle winners were Susan Cash who chose a Magnesite necklace, Sheila Bennett scored some Red Moss Agate earrings, and Bob Miller walked away with a Sterling Silver beaver.

Ray Diebel, our wonderful machine maintenance man, requested that members, while using the machines, be aware of the fluids needed to keep the machines in good working order.

After the refreshment break, I gave a picture presentation of my recent adventure to Tanzania and Zanzibar Africa. Loved the Land and animals!!!!

With Respect, Peace and Love,
Denise Jackson, Secretary

Canaveral Mineral and Gem Society Website

<https://www.canaveral-mgs.com/>

On our Members Only portion of Canaveral-MGS.com we have tips, helpful websites, members phone listing, shop update, Etc .

Your Login ID is the email address you receive club communications at and whatever password you choose. If you have any problems logging in, click the "contact" link on the website and we'll get back with you to resolve them.

William Holland 6/10-16/2018

Bead Weaving

Cabochons I

Chasing & Repousse

Electro-Etching

Gemstone Faceting

Immersion Enameling and Cold Connection

Intarsia

Intro to Inlay/Silver 1

Junior Rockhounds, Wirecraft I

Silver 2 – Rings, Rings, Rings

Silver I

Silver-Wear

Wire II

Wildacres 8/20-8/26, 2018

Casting

Chain Maille

Introduction to Gem ID

Metal Clay – Tangible Moments

Metalwork Special Projects

Silver I

Wire

Wildacres 9/17-9/23, 2018

Chain Maille

Cold Connection

Electro-Etching

Enameling

Intro to Inlay

Seed Bead Weaving

SFMS

CLASSES

2018

Visit the website for more information

<http://sfmsworkshops.com/>

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

Secretary: Denise Jackson, 320 Arcadia Ave., Melbourne, FL, 32901, (321) 373-5133

Treasurer: Liz Ritter, PO Box 500827, Malabar, FL 32950, (321) 544-2036

Bulletin Editor: Shannon Byrd, 2225 Ladner Rd NE, Palm Bay, FL 32907, (321) 541-7230

Education Chairman: Dave Wayment PO Box 780791, Sebastian, FL 32978, (772) 532-6432

Corresponding Secretary: Kitty McLamb, 570 Seabreeze Dr., Indialantic, FL 32903, (321) 723-2592

Board of Directors 2yr: Mark Heathman, (321) 253-2856

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



This ice cube maker also makes a good tool holder. The beading group shared this idea with me.

Haydee we wish you a speedy recovery from you next knee surgery. We miss you.

Bulletin Editor

Shannon Byrd

2225 Ladner Rd NE

Palm Bay, FL 32907

Email: shannonb787@gmail.com

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