

# Canaveral Moonstone



## Presidents Corner

Already we are into the second month of 2021?

March will be here before you know it and I am eagerly looking forward to our rock swap organized by Marc Heathman. The rock swap will take place on March 20<sup>th</sup> at Wickham park. I always seem to find that piece that I cannot live without.



Our membership continues to grow, and despite the small hiccup of having to close the shop for a short time the shop has now reopened. We have open workshop Mondays, Thursdays, and Saturdays. Classes are taking place frequently; however, we are always looking for new qualified instructors.

Included in this months Moonstone is a membership survey. Please take the time to complete this either before the meeting or at the meeting (I will be bringing copies) My intention is to learn how to better our club through strong membership communication, input, and utilization of the many skills we all possess.

Looking forward to seeing you all Wednesday February 3<sup>rd</sup> at Front Street Civic Center.

**Melissa**



**Exchange Bulletins are Welcome**

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

**The Dead Line for the March Moonstone is February 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.

# February 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Open Shop 5:30PM-9:30PM	2	3 Meeting at Front Street Civic ctr 7PM	4 Open Shop 5:30PM-9:30PM	5	6 Open Shop 8:30AM-12:30PM
7	8 Open Shop 5:30PM-9:30PM	9	10	11 Open Shop 5:30PM-9:30PM	12	13 Open Shop 8:30AM-12:30PM
14	15 Open Shop 5:30PM-9:30PM	16	17	18 Open Shop 5:30PM-9:30PM	19	20 Open Shop 8:30AM-12:30PM
21	22 Open Shop 5:30PM-9:30PM	23	24	25 Open Shop 5:30PM-9:30PM	26	27 Open Shop 8:30AM-12:30PM
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February and March meetings will be 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.

## Presentations at our monthly meetings

February 3, 2021

Melissa will present “A slide show on the construction and completion of a Chrysoprase pendant and earring set”

March 3, 2021

Anthony will do a presentation on seismology

**Canaveral Mineral and Gem Society**  
**January 6, 2020 Meeting Minutes**

President Melissa Horan opened the meeting Wednesday, January 6<sup>th</sup> at 7:02 pm at The Melbourne Front Street Civic Center, Melbourne, FL.

Melissa welcomed all new members and asked everyone to please keep their masks on and stay socially distanced from everyone. She pointed out that she made some changes to the agenda, putting the speaker earlier in the meeting and then going on to the business section of the meeting. She said she would like to keep the meeting shorter and people were in favor of skipping the break to keep the meeting shorter.

Melissa also announced that she will be calling members and asking them to speak on specific topics as speakers for the meetings.

Brian Star, a new member, from Positive Perspective Consulting spoke on The Principles of Stress Management, a much needed topic for everyone during these times. He had lots of ideas on how we can use simple techniques to focus on positive thoughts and to help change our attitude from negative to positive. Thanks Brian for giving us all some great ideas!

Secretary, Mary Kinberg, the December minutes were voted on and approved.

Treasurer, Liz Ritter went over many of the expenses and income from The Parade of Gems. She also went over some of the items that were recently bought for the workshop. It's important for the club to have classes and for members to pay dues and workshop fees so the club can pay for the rent of the shop, expenses and other things that we need.

Education Chairman, Dave Wayment said teachers are getting ready to begin teaching classes. Also please help clean up the shop when it gets close to closing time. The teachers are all volunteers and everyone needs to clean up the shop on their own.

Membership Chairman, Kathy Burnette said we are up to 147 members.

Mark Heathman announced that the Rock Swap will be held on Saturday, March 20. Please get in touch with Mark if you want a table, it's only \$15 for a vendor to have a table and there are only 2 left.

Show and Tell: Melissa Horan and Scott Bellinger brought in Azurite samples. Art DeLaurentis brought in examples of amazing necklaces and earrings that he made using patterns of Roman design. Jan and Jim Ragan brought in casting examples that they made in Melissa's class. They explained some of the different casting processes.

Joe Bina brought in lots of different samples of slabs to show. He also said if you're interested in slabs, please feel free to show up at the workshop on Mondays. You can buy slabs from him or if you have questions about slabs, he'd be happy to help you.

Brian Star showed some of the preformed jade that glows when you shine a light behind it. If you are interested in buying any preforms, please contact him.

Thanks everyone who brought in 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)

#### PRE-MADE BEZEL CUPS

As a general rule of thumb I assume it's going to take me 15 - 20 minutes to make a bezel for an ordinary cabochon, so for some projects buying pre-made cups can save a lot of time. But if you go this route, keep in mind three things.

First, try to get cups made from fine silver, not sterling. Fine silver is softer and burnishes over the stone more easily.

Second, you may have trouble matching the shape and size of the stone with the shape and size of the bezel cup. Purchased cups can only be found in a limited number of standard sizes. You may have to adjust your choice of gemstone to match the cup. The other consideration is that pre-made cups often have fairly low side walls. While these are fine for low-dome stones, they're not dependable for stones with steep side walls.

Lastly before setting, check the fit of your gemstone in the cup, particularly around the bottom. The bottom corners of a stamped cup are much more rounded than a bezel you would fabricate yourself. This causes a problem with stones that have a sharp edge around the bottom. Burnishing the bezel over one of these stones will place a lot of stress on the stone and may cause it to crack. To avoid this, I round off the bottom edge of the stone with a diamond file (or use sandpaper on soft stones).



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

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

## Up coming Rock and Gem Shows

February 6 & 7, 2021

Central Brevard Gem Society

Merritt Island, FL

<https://www.centralbrevardgems.org>

February 13 & 14, 2021

Treasure Coast Rock & Gem Society

Vero Beach, FL

<https://www.facebook.com/Treasure-Coast-Rock-Gem-Society-1685966691616541/>

February 27, 2021

Bone Valley Gem, Mineral & Fossil Society Lakeland, FL

<https://www.bonevalley.net>

March 5, 6 and 7, 2021

SFMS Region

<https://www.AmFed.org/SFMS>

### **SFMS Rockhound Round-Up - 03/12/2021**

Start Date: 03/12/2021—03/14/2021

Hours: Good Old-Fashioned Rock Swap

Contact: Jerri Heer

Contact Phone: (386) 364-1683

Venue: Spirit of Suwannee Music Park

Address: 3076 95th Dr

Spirit of Suwannee Music Park

Live Oak, FL 32060

Website: <https://www.facebook.com/pg/Southeast-Federation-of-Mineralogical-Societies-317959434999844/posts/>

March 13 and 14, 2021

Tampa Bay Fossil Club

<https://www.tampabayfossilclub.com>

March 20, 2021

4th Annual CMGS Rock Swap

Wickham Park Pavilion 4

Details are on page 8 of this newsletter

**Mineral of the Month— Calcite****By Dave Jacobson**

Calcite is the common crystalline form of natural calcium carbonate ( $\text{CaCO}_3$ ), the basic constituent of limestone, marble and chalk. Calcite is one of our more common minerals and located just about everywhere, even forming in pockets in the cochina rock found along the beach in Brevard County. Calcite is noted for the variety of its crystal and massive forms and is represented in most mineral collections.

Calcite is a carbonate mineral with crystals in the Hexagonal system. It is mostly colorless, white or various pale tints, although it can be any color depending on the mineral impurities associated with the calcite. Its hardness is approximately 3 with a specific gravity of 2.7. One of the tests for calcite is the use of cold hydrochloric acid. Calcite will bubble vigorously when a drop of hydrochloric acid is applied to the specimen. Some varieties of calcite will fluoresce with ultra violet such as those from Franklin, New Jersey. Calcite from Franklin fluoresces red due to the manganese activator in this material.

Calcite gets its name from the Latin *calx*, *calis*, "lime", originally from the Greek *chalx* "burnt lime". The information on the origin of the name is from the book *MINERALOGY FOR AMATEURS* by John Sinkankas.



**Message from our Webbie**  
**Sharon Jones**



**STAY CONNECTED** <https://www.facebook.com/Canaveralmgs/>

Are you using the shop? Don't forget it's open three times a week now, Monday and Thursday evening 5:30 to 9:30 and Saturday morning 8:30 to 12:30. Masks are required and there is social distancing. Great time to share ideas, check out new rocks people are cutting and use machines you don't have at home. \$10 per shop visit. All details regarding shop use are on our Facebook and web <https://www.canaveral-mgs.com/>

FACEBOOK: <https://m.facebook.com/Canaveralmgs>

If you are selling your jewelry or cabachons etc go to our Facebook site and post a picture & include your web or Facebook business address.

## **34th Annual CM&GS Rock Swap**

**Saturday, March 20, 2021**

**Wickham Park.**

The rock swap will be held at Pavilion #4 on the east side of the second (north) lake at Wickham park just past the dog play area.

The public is invited, entrance is free. All vendors must pay a \$15 fee to cover expenses. The first 14 vendors can make a reservation for an 8 foot picnic table under the pavilion shelter. Other vendors can tailgate or use the parking and grass areas.

The rock swap will run from 9:00AM - 3:00PM. Vendors can begin setting up at 8:30AM.

Contact Mark Heathman at 321-474-1406 to make a reservation.



Please take the time to complete this either before the meeting or at the meeting (I will be bringing copies) My intention is to learn how to better our club through strong membership communication, input, and utilization of the many skills we all possess.

Membership Survey

02/2021

1. How long have you been a member? \_\_\_\_\_

2. How did you hear about us? \_\_\_\_\_

3. How often do you attend our monthly meetings? \_\_\_\_\_

4. What benefits do you find most valuable?  
ie Open workshop, classes ,monthly meetings \_\_\_\_\_

5. What other types of events would you like to see from  
CMGS? \_\_\_\_\_  
\_\_\_\_\_

6. What are some new ideas you would like to see at our monthly meetings?  
\_\_\_\_\_

7. How do you prefer to communicate with the club members?

Email \_\_\_\_\_

Text \_\_\_\_\_

Call \_\_\_\_\_

8. If applicable where would you like to see yourself volunteering?  
\_\_\_\_\_

9. PLEASE USE THE REVERSE SIDE FOR ADDITIONAL COMMENTS

**Club contacts**

**President:** Melissa Horan 1178 Firthview Dr, Melbourne, FL 32903, (321)960-4134

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

**Secretary:** Mary Kinberg, 245 Hedgecock Ct., Satellite Beach, FL 52937, (321)223-4260

**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

**Membership Chairman:** Kathie Burnette, 554 Veracruz Blvd, Indialantic, FL 32903, (321) 693-9719

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

**Corresponding Secretary:** Lynn McKinney, 3537 Sparrow Ln, Malabar, FL 32935, (321)427-24460

**Board of Directors 3yr:** Keith Stokes, 601 Georgia Ave., Melbourne, FL 32901, (321)266-8707

**Board of Directors 2yr:** Dave Jacobson, 672 Manor Place, West Melbourne, FL 32904, (321)676-4306

**Board of Directors 1yr:** Mark Heathman, 4166 Mockingbird Dr., Melbourne, FL 32934, (321)253-2856

**Board of Directors (Past President) 1yr:** Don Mc Lamb, 570 Seabreeze Dr, Indialantic, FL, 32903, (321) 723-2592

**Librarian:** Sue Diebel, 35 Sapphire St. Melbourne, FL 32904, (321)704-3198

**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 Front Street Civic Center, Melbourne, Florida. The time of the Meeting is 7:00PM . Visitors are always welcome.

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