

# Canaveral Moonstone



## Presidents Corner

### If Winter comes can Spring be far behind? – Percy Bysshe Shelley



This has certainly been a long winter already. For some this month has been exceptionally difficult and my thoughts and prayers go out to you.

For me winter seems to bring with it a sense of the upcoming new life, I am eagerly looking forward to the spring air and blossoming flowers. As well as a beautiful day at our March 20th Rock swap at Wickham Park Pavilion number 4! Tailgating spots for the rock swap are still available, and arrangements to set up can be addressed with Mark Heathman.

Plans are underway to organize our Dollies Picnic/Auction for some time in May, so stay tuned for details in next month's Moonstone.



I want to take the opportunity to thank each of you who completed the membership survey. I also want to convey that I am continuing to entertain forward-looking ideas and suggestions to keep our club one of the best in the area. I believe that the friendships and comradery we all share are causally related to a well-organized and engaging Mineral and gem society. My mission is to strive toward continual growth with new members and innovative programs. Any input is welcomed. I can be reached through text or email.

I look forward to seeing all of us together again at this month's meeting, in the Front street Civic center on March 3rd.

Melissa Horan  
CMGS President

### Exchange Bulletins are Welcome

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

The Dead Line for the April Moonstone is March 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.

# March 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 <i>Open Shop</i> 5:30—9:30pm	2	3 Meeting at Front Street 7PM	4	5 <i>Open Shop</i> 5:30—9:30pm	6 <i>Open Shop</i> 8:30am— 12:30pm
7	8 <i>Open Shop</i> 5:30—9:30pm	9	10	11	12 <i>Open Shop</i> 5:30—9:30pm	13 <i>Open Shop</i> 8:30am— 12:30pm
14	15 <i>Open Shop</i> 5:30—9:30pm	16	17	18	19 <i>Open Shop</i> 5:30—9:30pm	20 <i>Rock Swap</i>
21	22 <i>Open Shop</i> 5:30—9:30pm	23	24	25	26 <i>Open Shop</i> 5:30—9:30pm	27 <i>Open Shop</i> 8:30am— 12:30pm
28	29 <i>Open Shop</i> 5:30—9:30pm	30	31			

**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.

**Presentations at our monthly meetings**

March 3, 2021

Anthony Boone will do a presentation on seismology

**Canaveral Mineral and Gem Society**  
**February 3, 2021 Meeting Minutes**

President Melissa Horan opened the meeting Wednesday, February 3rd at 7:10 pm at The Melbourne Front Street Civic Center, Melbourne, FL.

New guests introduced themselves and told us a little about themselves.

Melissa presented a slide show on how she made a Chrysoprase pendant and earring set. As usual with Melissa, it was very entertaining, interesting and informative. She used a miter-cutting vise jig and explained that it helped her to make a silver box for her pendant. She also showed us some of the issues she had with making her pendant and earrings and how she solved them. Thanks Melissa. The pendant and earrings were beautiful, and it was great information!

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

Treasurer, Liz Ritter – went over outstanding checks, Parade of Gem expenses, other expenses and money that came in this past month.

Education Chairman, Dave Wayment – reminded everyone that open workshop is Monday and Thursday evenings and Saturday morning. Also, please remember that the instructors are volunteers and that you need to clean up after yourself.

Melissa told us the club recently bought disinfectant wipes for the workshop and asked that after you clean up, please use the disinfectant wipes to wipe down the surfaces.

Membership Chairman, Kathy Burnette - we are up to 153 members. Members must pay their dues by next month or you will be dropped from the class list until your membership is renewed.

If you are not getting the Moonstone, please let Melissa know, she will contact Shannon, the editor of the Moonstone.

Janine Ragan has volunteered to run the membership Scholarship Drawing. Thanks Janine! She also asked for donations from the members. Please bring in rocks, jewelry or supplies that can be raffled.

Art Delaurentis reminded everyone that the Rock Swap is March 20<sup>th</sup>. Mark Heathman is in charge of it and will be putting signs out on the Parkway side of Wickham Park to the pavilion where the Rock Swap will be held. All of the tables under the pavilion have been sold, however, if you want to bring your own table (cost is \$15) and set up near the pavilion, please contact Mark. Set up time is at 8 am. Rock Swap opens at 9 am to 3 pm.

Dave Jacobson spoke about Calcite, one of the more common minerals and located just about everywhere. Calcite is the basic constituent of limestone, marble and chalk. Good information Dave!

Show and Tell: Cheryl Snyder shared samples of calcite in different colors. Thanks Cheryl! Art Delaurentis showed his Damascus blade knife with a beautiful handle that he made from Lace Agate, a natural turquoise ring and silver earrings. Always amazing.

Jennifer Davison brought in a graceful weeping willow gem tree that she made with blue calcite as the base and leaves. We appreciate everyone sharing with the club.

Secretary,  
Mary Kinberg

**Message from our Webbie  
Sharon Jones**



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

QUESTIONS ABOUT OUR WEBSITE & FACEBOOK:

1. How do you get to the "Member's Only" portion of our website?
2. Who can post information on our Member's Only portion of our website?
3. Where can you get club members phone numbers?
4. If you can't find your newsletter, where can you always find the latest copy?
5. Do you have to have a Facebook Account to view CMGS's Facebook page?
6. Can club members post pictures on our FB page of jewelry etc they've made?
7. Do you know how to "share" CMGS's events on your FB page?
8. Name 4 ways the club keeps YOU up to date with what we're doing.

\*Answers on page 10



## **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.

## 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)



SHARP KNIVES FOR CUTTING MOLDS

Cutting molds is easier and more precise with a sharp blade. A new Xacto blade is sufficient for cutting RTV molds but is usually not sharp enough for vulcanized rubber. For that it's best to use scalpel blades available from most jewelry supply companies.

The #11 blade is triangle shaped, and the #12 is hawksbill shaped. I find the hawksbill is particularly nice for cutting the registration keys of the mold.



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

**March 6th, 7th, and 8th, 2020 Live Oak, FL**

**Southeast Federation of Mineralogical Societies (SFMS)  
SFMS Rockhound Round-Up - 2nd Annual**

Spirit of Suwannee Music Park  
Live Oak, FL  
3076 95th Drive, Live Oak, FL 32060  
(386) 364-1683  
[www.musicliveshere.com](http://www.musicliveshere.com)

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

Estate sale

Gary Dulac was a goldsmith for 45 years in the Vero Beach area and passed away last month. He made custom made jewelry and collected gems over his lifetime. His wife, Donna, is selling the collection of gems; which includes precious and semi-precious gems like opals, red and green tourmaline, moonstone, ruby, emerald, drussie, citrine and others. Anyone interested can call Donna at 1-772-321-0396.

## Mineral Of The Month – Corundum

By Dave Jacobson

This month we will take at corundum,,  $Al_2O_3$ , aluminum oxide. Two of the more famous gemstones are varieties corundum. Ruby is the red variety. All other colored gem grade material is sapphire. It is not until about 1800 that ruby and sapphire were recognized as corundum. Prior to that red spinel and garnet were also considered ruby. Some non-gem grade material is called emery is used as an abrasive. Some associated minerals are calcite, zoisite, feldspars, micas and garnet. Corundum is found in many locations in the world such as Burma; Sri Lanka, Tanzania and other African localities; India; the Middle East and Southeast Asia.

Corundum is found in a variety of deposits such as metamorphic rock, pegmatites and nepheline syenites. The rock is typically lacking or poor in silicon oxide, which if present would combine to form another mineral. Corundum is also found in alluvial deposits. Many of the facet grade ruby's and sapphires are mined in alluvial deposits.

Corundum is the second hardest mineral on the Mohs scale, although diamond the hardest mineral is four times harder than corundum. This due to the strong and short oxygen-aluminum bonds which pull the oxygen and aluminum atoms close together. This makes a tightly bonded structure that results in a hard, dense mineral.

Corundum is in the trigonal crystal system. The crystals are typically tapered hexagonal prisms. They are often tabular. The crystal ends are frequently marked with triangular striations. Colors are as follows: Ruby is intense red due to chromium. Blue sapphire is due to iron and titanium trace elements. Colors other than blue are called fancy sapphires. Padparadscha is orange due to chromium plus ferric iron. Alexandrite-like is due to vanadium. Yellow due to ferric iron (or defects). Green due to ferrous plus ferric iron (and defects). Colorless is pure, no trace elements. Hardness is 9. Specific gravity is 3.9 to 4.1. Streak is white.

Corundum takes its name from the Tamil word kuruntam which is derived from the Sanskrit kuruvinda meaning "ruby".

I used the following reference materials 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.

Gemstones Of The World by Walter Schumann.

The Audubon Society Field Guide To North American Rocks And Minerals by Charles W. Chesterman.

Gems, Crystals, & Minerals by Anna S. Sofianides & George E. Harlow

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





Please take the time to complete this either before the meeting or at the meeting. 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, Melbourne, 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

### \*ANSWERS

1. Link at top menu of the site via you computer, phone, or tablet
  2. Any member can login & post info about websites, books, schools, materisl/equipment for sale, etc.
  3. On the Member's Only portion of the web site once you log in
  4. On the News page of our website
  5. No, the page is "Public", even though FB tries to get you to sign in, you don't have to in order to read it.
  6. Yes, if you have a Facebook account, you can post pictures & info to our Facebook page. (Note...The admins have the right to remove a post if its not applicable to the purposes of the club.)
  7. If you have a Facebook account, you can help spread the news to your friends/family by hitting "share" at the bottom of a post.
- NOTE: have problems logging in on the web, hit "contact" & send the Webie a note. Have a question on our Facebook page, hit "message" & type your question, in both cases our admin will get back to you within 12 hours.

**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**