

Canaveral Moonstone



Presidents Corner



July was a busy month, at least for me it was! Our July 10th Silent auction brought out many volunteers, (and buyers!) I continue to be amazed at the strength and dedication of the volunteer base we have. Certainly, without the help from the volunteers our silent auction would have been mediocre at best. A large percentage of the equipment we had purchased from Treasure Coast Rock and Gem club was sold at the auction as well as a good amount of the rough rocks and slabs. A considerable donation from Roy Deere's family contributed to a great sale as well! The remaining equipment, tools, slabs and rough will be available for sale again at our annual Parade of Gems. The Parade of Gems will be here before you know it! Scheduled for November 12-14th. This is our largest and most important fundraiser of the year, now is the opportunity to get more involved with your club. Pulling off our **48th annual show** will require volunteers, any and all help is appreciated! We are fortunate in having Dave Wayment as chairperson this year, please speak with him about where you can "plug-in" as a volunteer.

As I had mentioned above, July was a busy month for me, all of it enjoyable! My Husband and I celebrated our birthday month by traveling to Key Largo for some scuba diving! The seas were somewhat rough but the view below was breath-taking! We dove among countless Angelfish, Parrotfish, Grunts, Snapper, Hogfish, Sergeant Majors, a nest of spiny lobster and some of the most colorful coral imaginable. Once back on the boat I mentioned to a fellow Scuba diver how some of the coral resembled crazy lace agates, he looked at me quizzically then turned away. Fair to say he wasn't a rockhound!

Looking forward once again to seeing everyone on Aug 4th!

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 September Moonstone is August 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.

August 2021

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

Meetings are being held at the Front Street Civic Center

Presentation at our monthly meeting

Chemistry for Silversmiths by Bill Harr

Up coming mineral and gem shows

Nov 13—14 Canaveral Mineral and Gem Society

The Canaveral Mineral & Gem Society will present its 48th 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/our-show.html>

Dealer Setup: November 12; Noon to 6:00pm followed by Member & Dealer Dinner.

Up coming mineral and gem shows continued

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 Parking

Adults/Seniors \$9; Children under 12 free; 2-day pass \$14; see website for \$1 off coupon

Bench Tips by Brad Smith

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

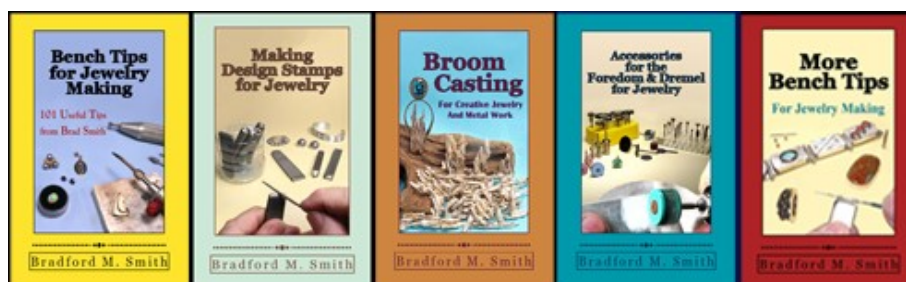
[Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)

DRILL BREAKAGE

Using a small drill is difficult for a beginner, especially if it is hand held in a flexshaft or Dremel. They are easily broken if you push too hard or if you tilt the drill while it's in the hole.

Most problems, however, are the result of buying cheap drills that suffer from poor quality steel and/or inaccurately ground cutting edges. A good drill from jewelry supply companies is well worth the price.

Remember that drilling always goes easier with lubrication. A little wax or oil is all you need. Almost anything will work - Three and One, beeswax, mineral oil, injection wax, car oil, olive oil, or one of the commercial cutting waxes. The lubricant helps to move chips out of the hole and reduces friction of the drill against the side of the hole, keeping the drill cooler.



Solve Your Jewelry Making Problems With

Brad's "How To" Books

www.amazon.com/author/bradfordsmith

Canaveral Mineral and Gem Society Jul 7, 2021 Meeting Minutes

There are no meeting minutes for July 7, as it was our “Show and Tell” Meeting and not a business meeting. Here are some pictures from the “show and tell”.

Secretary
Mary Kinberg



Jim's Cabochons



Cheryl's Jewelry



Dave Jacobson Jewelry



Bill's Orchids



Sharon's Jewelry



Melissa's Jewelry and Pat's displays



Scott's



Shannon's jewelry

Mineral Of The Month - Calcite

By Dave Jacobson

The mineral of the month is Calcite, which is the common crystalline form of natural calcium carbonate (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. I have found several specimens with calcite embedded in the cochina. 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 Hexagonal system. Calcite crystals form in many varied shapes. That is one of the neat things about collecting calcite. You can put a large collection together with varied specimens. The material can also be massive. 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 diluted hydrochloric or muriatic acid. Anybody with an in ground swimming pool should have an ample supply of acid. Calcite will bubble vigorously when a drop of hydrochloric acid is applied to the specimen. Some varieties of calcite will fluoresce when exposed to ultra violet light such as some calcites from Franklin, New Jersey. Calcite from Franklin fluoresces red due to the manganese activator in this material. Calcite is a common mineral with many unique specimens from locations all over the world.

Calcite gets its from the Latin calx, calis, "lime", originally from the Greek chalx "burnt lime".

If you have any calcite you wish to display, bring it to the next meeting for Mineral Of The Month. Feel free to bring any mineral, lapidary work, gemstones, jewelry, fossils or anything else related to the hobby to any meeting, any time, for display.



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.

Amethyst Galleries Mineral Gallery on the Internet at

The SFMS Wildacres Workshops are online. Please go to 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

or Call: 865-973-1933

Club contacts

President: Melissa Horan 1178 Firthview Dr, Melbourne, FL 32935, (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

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