

Canaveral Moonstone



Presidents Corner



We hope everyone is getting into the mood for this best season of the year!!

Our meeting for Nov 1 will be a little different. Instead of a program after the break we will all pursue things that will support our Parade of Gems Show activities on Nov 10, 11 & 12!

All should share with Bea the things you will bring for the Member & Dealer Dinner (including yourself).



We have 700 cards that need to have stamps and address labels affixed. Bill Harr may get some of them completed before the meeting but there will be some remaining for others to enjoy!!

This meeting is the last one where you can volunteer your time & energy directly supporting our society activities at the Show. There will be sign-up sheets.

We have "road-side signs" that need to be placed in strategic locations on Nov 6 and retrieved on Nov 12.

Come and join your fellow members supporting our major program for the year.



Don

Exchange Bulletins are Welcome

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

The Dead Line for the December Moonstone is Nov. 20, 2017

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.

November 2017

Sun Mon Tue Wed Thu Fri Sat

			1 Nov. Meeting 7PM	2	3	4 Open Shop 9 am-12 pm
5	6 Beading Class & Open Shop*	7	8	9	10	11 Open Shop 9 am-12 pm
12	13 Beading Class & Open Shop*	14	15	16	17	18 Open Shop 9 am-12 pm
19	20 Beading Class & Open Shop*	21	22	23 Thanksgiving	24	25 No Open Shop
26	27 Beading Class & Open Shop*	28	29	30		

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

Monday Open Shop 6PM—9PM

Website News

By Sharon Jones

WEBSITE <http://www.canaveral-mgs.com>

HELP... You have the power to boost our gem & jewelry show's attendance & make it the most successful show we've ever had.

Are you on Facebook? Then help us get the word out about our annual gem & jewelry show, Parade of Gems, by going to the club's Facebook page (canaveralmgs) & click on the Parade of Gems "event" then click that you're going...well of course you are....then "Invite" your friends to do the same.

<https://www.facebook.com/events/1580732148616592/?ti=cl> (Ask them to use the event link to invite their other friends too.)



You can also share **the link on our website** about the show. www.canaveral-mgs.com/our-show.html

Bench Tips by Brad Smith

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

MANDRELS

Straight rod mandrels have a multitude of uses in helping to bend sheet and wire, and frequently we need a round rod for winding jump rings. Common sources for different sized rods are knitting needles, wooden dowels and clothes hangers. Metal rods can also be found in hardware stores and hobby shops.

But to get the right "look" in chain maile designs, you must have exactly the right size mandrel, and often those are not easy to find. Jewelry catalogs sell selections of straight rod mandrels for \$50 or more, but my choice is a set of transfer punches used in woodworking. The set has 28 sizes, from 3/32 inch to 1/2 inch, and is only about \$12. In the US it is available from Harbor Freight as item number #3577, and in Europe, it's available from MZS in the Netherlands as item number 250575.



JUST SAY NO TO OPTIVISORS

I was having my annual vision-check and the light-bulb went on: why not have my reading glasses made with bifocals that would magnify the same as the Optivisors? So I asked the ophthalmologist if he could add around +2.00 diopters into bifocals.

He checked with his supervisor and came back all excited. They all agreed that was a great idea and even gave him a special device to measure how far I hold a jewelry piece from my eye, so they could get the focal distance exactly right. So if all goes well, no more sweaty bulky Optivisors! (Thanks to Gary Strickland)

"Bench Tips for Jewelry Making" and
"Broom Casting for Creative Jewelry"
are available on Amazon

Rock of the Month – Opal

By Dave Jacobson

This month our featured mineral is opal, $\text{SiO}_2 \cdot n\text{H}_2\text{O}$, hydrated silicon dioxide. Opal is a variety of silicon dioxide which usually contains water typically in the range of 5 to 10%. Opal is a tectosilicate, low temperature hydrothermal mineral. It is commonly precipitated from silica-rich solutions. It sometimes replaces the skeletons of marine organisms. It occurs as nodules, seams and botryoidal crusts. It often impregnates porous rocks and sediments. Some of the more common varieties are following. Common opal; colorless and not translucent. Fire opal; reddish to orange-red translucent material. Precious opal; can be any hue which displays shifting flashes of intense color which can be red, blue, orange, green, purple and more. Colorless, transparent opal is hyalite. Hyalite is usually found in botryoidal (grape like) crusts. Hydrophane is a white, opaque, sometimes barely translucent opal which absorbs water. Wood opal replaces the mineralization in fossilized wood without destroying the structure of the material.

Opal is never found in crystal in form. It is brittle material with no cleavage plane, but has an excellent conchoidal fracture, which can be very lustrous. Hardness ranges from 5.5 to 6.5. Specific Gravity ranges from 1.99 to 2.25. The more porous material has the lower specific gravity. the gravity will increase as the opal absorbs water. When tested on a streak plate, the streak is white. It has a bright glassy to waxy luster. The color shift in precious opal is thought to be caused by the interference of reflected light due to grids of cristobalite spaced at regular intervals in the specimen.

Opal is a common mineral and is found in many locations in the world. Most of the black precious opal comes from Australia. Mexico and Ethiopia are sources of fine fire and precious opal. In the United States precious opal is found in Nevada, Idaho and Oregon. Excellent wood opal specimens have been found in the western United States.

Opal takes its name from the Sanskrit word *upala*, meaning "precious stone" or "gem" and the Latin word *opalus*, meaning "precious stone."

The following reference materials were used in preparing this article:

Mineralogy For Amateurs by John Sinkankus.

Simon & Schusters Guide to Rocks And Minerals.

Gemstones Of The World by Walter Schumann.

Gems, Crystals, & Minerals by Anna S. Sofianides, George E. Harlow and George W. Robinson, Ph. D.

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



October Business Report—October 4, 2017

The meeting was called to order by President Don McLamb. The club welcomed Victor and Judy Sher and Mike and Beth Daugintis.

Don talked of the upcoming Parade of Gems show It'll be a fun time for all from the 10th through the 12th of November! Please sign up for all the volunteer opportunities! Also, bring in any items to be submitted and judged on the November 1st Club meeting. Leslie and Dave Wayment will be judging the lapidary items received. Don also mentioned the capping room has items in our ongoing silent auction.

The September meeting notes were accepted and Liz Ritter gave the Treasurers report.

Leslie Wayment talked of the Southeast Federation raffle happening. There are over 50 prizes available. Tickets are 5 for 20 dollars and they benefit scholarships to the William Holland and Wild Acres workshops.

Kathy Burnette stated we have 170 active members to date.

Bea Deitz asked folks to bring in little pieces of rock , shell so she and the children can have fun at the upcoming show. She also requested members to bring a covered dish to the Members and Dealers dinner on November 10.

The signup book for classes was being circulated around the room. There will be a special workshop on November 18-19 with Tom and Kate Benham discovering Repose'. They will show how to get dimension in metal by pushing and shaping.

Mike McKeon asked for any items for the Silent Auction at the upcoming show. He will pick them up at your house if convenient.

Dave Jacobson presented the mineral of the month Azurite. Beautiful blue mineral often found with Malachite, the colors coming from copper content.

Art DeLaurentis gave a talk on how important our annual Parade of Gems is for the Club and how wonderful the opportunities are to share in the show experience.

Our monthly raffle winners were Don McLamb who scooped up the opals, Dave Jacobson nabbed a slab of Petrified Wood and Donna Remsnyder picked an Irish pendant.

After a refreshment break, Donna Remsnyder gave an always interesting presentation of Fossils. She had examples of all types and is always willing to share an item or two. Thanks Donna!!

See you all in November!

Respectfully Yours,

Denise Jackson, Secretary

SIGN UP TO HELP AT THE PARADE OF GEMS.
This is our major fund raiser for our club that allows us to do what we do. Your help is essential to making our show a success.

Upcoming Gem and Mineral Shows

November 2017

4-5—PLANT CITY, FLORIDA: Annual show; Tampa Bay Mineral and Science Club, Plant City Strawberry Festival Expo Hall; 303 N. Lemon Street; Sat. 10-5; Adults \$5, Students \$4, Children under 12 free w/ parent; contact Norma Jackson, 6036 Golf & Sea Blvd. , Apollo Beach, FL 33572, (813)-641-7897; e-mail: fireweedarts@gmail.com; Web site: www.tampabayrockclub.com

11 - 12 Canaveral Mineral & Gem Society—43rd Annual Parade of Gems

Dealers in lapidary, minerals, fossils, beads, jewelry and gemstones. Demonstrations; Grand Prize; Hourly Silent Auctions; supplies for hobbies and crafts and related activities. Excellent and economical Christmas shopping with one of a kind creations that make wonderful gifts.

Show Times: Saturday and Sunday 10:00 AM to 5:00 PM

Location: Melbourne Auditorium, 625 East Hibiscus Blvd. Melbourne, FL 32901

Admission; \$5 Donation

Contact: Don McLamb, CMGS President & Show Chairman

18-19—WEST PALM BEACH, FLORIDA: Annual show; Gem & Mineral Society of the Palm Beaches, South Florida Fairgrounds Expo Center East; 9067 Southern Blvd.; Sat. 9-6, Sun. 10-5; Adults \$9, Children under 12 free; Fossil dig, gem mining, geode cracking, rock and face painting, spin the wheel game, displays, demonstrations, speakers. ; contact Walt Triche, (561)-585-2080; e-mail: wtriche@gmail.com; Web site: www.gemandmineralsociety.org

17-19 Cobb County Georgia

32 Annual Gem and Mineral Show

Cobb County Gem & Mineral Society Free Admission and Parking Gem, Mineral, and Jewelry Show

Cobb County Civic Center 548 South Marietta Parkway at Fairground Street Marietta, Georgia 30060 Show Hours: Friday Nov. 17th 10am-6pm Saturday Nov. 18th 10am-6pm Sunday Nov. 19th 10am-5pm

December 2017

1-3—HUDSON, FLORIDA: Annual show; Withlacoochee Rockhounds, Veterans Memorial Park; 14333 Hicks Rd; Fri. 9-5, Sat. 9-5, Sun. 9-5; Adults/Seniors \$3, Teens \$1, Children 12 and under free; Educational displays, demonstrations, door prizes, Diamonds of the World, Aaron's Breastplate replica. Mineral and fossil specimens for everyone from beginner to advanced collectors, handcrafted jewelry, gemstones, and handcrafted knapped stone blade knives. ; contact Ralph Barber, FL, (352)-200-6852; e-mail: barbersbloomers@hotmail.com; Web site: www.withlacoocheerockhounds.com

February 2018

February 17 & 18, 2018; Vero Beach, FL

Treasure Coast Rock and Gem Society 10-5 sat 10-

4 sun The show is located in Vero Beach at the Community Center

14th Avenue & 23rd Street Downtown Vero Beach, FL 32960 email: treasurecoastrgs@gmail.org web-

site: http://www. Show Chair: Vina Proper 772-519-0533 Co show Chair: Ann Metz 772-231-0218 Show is actively recruiting vendors; if interested, please contact the show chairs for application and information.

Please contact me with details of other shows that our members would be interested in knowing about.

Special 2 Day Class Opportunity for club members

What: Chasing & Repoussé Class

When: Late November or early December, 2-day class 9 a.m. - 4 p.m. We are trying to schedule it for a week-end.

Taught by: Lapidary Journal contributors "Ask the Experts", Kay & Tom Benham. They teach regularly at Wildacres, William Holland and John C. Campbell.

Cost: \$150 if we can get 10 people. If there are less than 8 people prices will be increased to cover expenses. (Do a web search, you won't find this offered anywhere this inexpensively!) If interested, sign up online at <http://www.canaveral-mgs.com/chasing-and-repousse-class-signup.html> or at the next meeting. A deposit of \$50 will be required to hold your place (first come, first served). Tools will be furnished by instructor for use in the class.

Repousse and chasing are techniques for creating 3 dimensional relief in sheet metal. The process is a very old one which is often overlooked by metal artists today. It is a direct method of sculpting metal using simple hand tools and hammers. In its simplest form, the metal is placed on pitch and tools are struck with a hammer to "draw the line art" on the metal and flipped to the back side to push the metal up around the lines from the previous side to add dimension. There is no loss of material when forming metal with these techniques - the metal is not cut by the tools but pushed into shape in small increments. The most phenomenally detailed designs can be created on metal or the technique can used just to add line and shape to a piece.



A picture to wet your appetite..

Parade Of Gems MEMBER COMPETITION

AMP UP YOUR FUN AT THE PARADE OF GEMS......compete against other member for bragging rights in any or all of the following categories (ask Sharon Jones & Melissa Horan about the smack talk in the shop over this):

Jewelry & Metalcrafts: Create a ring with a faceted stone sized 4mm or greater (natural or man-made). Can be any material for stone and be of any metal. May not use a commercial or purchased wax for casting. Must be original work. May contain more than 1 stone.

- **Cabachon Cutting:**

○ Beginners - a calibrated 12 x 20 mm oval from any agate or jasper
Intermediate or Advanced - 48 x 32 mm rounded trapezoid in any type of stone

Beading: Create a bracelet utilizing a combination of any 2 stitches and any 2 sizes of seed beads.

Items will be judged on quality and labeling according to the AMFED rules. Please see the American Federation of Mineralogists rules PDF document at http://amfed.org/rules/AFMS_Rules_2017.pdf (do a search for your particular category).

Deadline is November 1 to turn in your piece(s). Winner's piece(s) will be displayed at the show and then returned to you.

Editors Notes

By Shannon Byrd

Our Parade of Gems show is coming up this month. If you have items to donate to the auction, please bring them in to the shop so that Michael McKeon can get things ready for the auction. This is a good source of income for our club. It also offers our members and show attendees the opportunity to find great buys on items donated.



ROCKHOUND CULTURE

Making Cabs

Take a rock and check for fractures,

If the phone rings, don' t answer, You are quality testing.

Set your saw and slab a section,

If the phone rings, don' t answer, You are creating.

Outline your cab on a flat section,

If the phone rings, don' t answer, You are designing.

Trim your cab and shape it,

If the phone rings, don' t answer, You are sculpting.

Polish and set in your best style,

If the phone rings, don' t answer, You are perfecting.

Wear and admire in a mirror,

If the phone rings, answer, It is time to tell the world!

Peter Martin, 2010

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) 726-9784

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 3yr: Mark Heathman, (321) 253-2856

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

Board of Directors 2yr: Freda Hull , (321) 725-0847

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

We will vote on officers and board members at the meeting on November 1, 2017

Nominating Committee Proposed 2018 Officers

President: Don McLamb

Vice President: Nancy Stark

Secretary: Denise Jackson

Treasurer: Liz Ritter

Bulletin Editor: Shannon Byrd

Education Chairman: Dave Wayment

Corresponding Secretary: Kitty McLamb

Board of Directors 3yr: David Jacobson

Board of Directors 2yr: Mark Heathman

Board of Directors 1yr: Freda Hull

Board of Directors 1yr: Roy Deere

Respectfully Submitted,

Nancy Stark Nominating Committee Chairman

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