

Canaveral Moonstone



Presidents Corner

As I try to mention at each of our CMGS meetings, we have a program to award scholarships to our members to participate in the SFMS sponsored weeks at William Holland and Wild Acres. It provides an opportunity for a week of lapidary training plus room and board. Funds for these scholarships are raised from the raffles we have just prior to meeting breaks. At our March meeting, we will have the drawing for three scholarships for 2017. The drawing will contain a ticket for each member for each meeting they have attended this past year. You do not have to be present to win. We usually draw three "winners" plus three alternates in case one of the winners is unable to attend.

Melissa will again lead our team's Spring (Dolly's) Picnic at Goode park in Palm Bay on Sunday, April 2. Mark will be our Chef Delux and Liz will bring drinks and ice. The park is located on Turkey Creek at 1300 Bianca Drive, north of Port Malabar Road in Palm Bay. Enter Port Malabar Blvd NE from US 1, cross the railroad tracks, turn right onto Bianca Drive NE and proceed to the end of the street. The pavilion and parking area is ahead and a little to the right. We have reserved the pavilion from 9:00 am until 6:00pm. Lunch will start around 12:00. All members are asked to bring their favorite dish to share.

The "Verbal" Auction will start around 1:30. Bring donations for the auction to our March meeting (box will be in break room) and to the Picnic.

CMGS will provide hamburgers, veggie burgers, hot dogs, buns, onions, tomatoes, lettuce, beverage, ice, catsup, mustard, relish and disposable service items.

Tail gating is encouraged at the picnic.

Don

Exchange Bulletins are Welcome

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

The Dead Line for the April Moonstone is April 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.

A message from Kathie Burnette

If you have not paid your 2017 dues they are due by the end of the meeting on March 1st. If your dues are not up to date you cannot take a class and will be removed from the classes you have signed up for.

March 2017

Sun Mon Tue Wed Thu Fri Sat

			1	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 Happy Saint Patrick's Day	18 Open Shop 9 am-12 pm
19	20 Beading Class & Open Shop*	21	22	23	24	25 Open Shop 9 am-12 pm
26	27 Beading Class & Open Shop*	28	29	30	31	

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

Monday Open Shop 6PM—9PM

Bench Tips by Brad Smith

See all Brad's jewelry books at Amazon.com/author/bradfordsmith

BENCH SHEARS

When cutting sheet metal, it's quicker and easier to use a set of shop shears as compared with using a hand saw. The cut is not as precise, but many times you don't need that. Shears will easily cut up to 24 gauge sheet, and some will cut 22 or even 20 gauge.

Current prices for shears run from \$13 - \$22 in jewelry catalogs, and the Joyce Chen scissors recommended on some jewelry blogs run more than \$20. But we found a cheaper alternative at the 99 Cent Store - some gardening utility scissors that were only \$1.07

I buy a half dozen of them at a time for use in my jewelry classes. They're great for cutting bezels, trimming around a bezel cup and cutting a piece off a larger sheet.



February Business Report February 1, 2017

The meeting was called to order by President Don McLamb. We welcomed new members and guests Nancy Skimmerhorn, Greg and Rhonda Showman, Mary Kinberb, and Elizabeth Murray. Don stated how Dolly's Picnic is in the organizing stage and is happening on April 2 at Goode Park in Palm Bay.

Secretary notes were accepted, Liz Ritter gave the Treasurer's report. Kathy Burnette stated we are now up to 202 members but that could change with dues not being paid for the year. Donna Remsnyder spoke about The Old Vero Ice Man site and we decided on a field trip to the site on February 11.

Dave Wayment gave an educational update and stated that classes were ongoing. He asked folks to pay in a timely manner on both classes and workshops. We are now required to sign in on the cabbing machine use. He stated that when being contacted for classes that they respond in a timely manner. Three no-call backs and your name will be removed from the list.

Dave Jacobson presented Mineral of the month, Barite, and its uses. It is a strong mineral. Show and Tell brought in a few goodies that members shared. Debbie Jorgensen brought in her cabbing class examples, Bob Denaburg showed some chain maille from Roy Deere's class, Art DeLaurentis showed some advanced cabbing examples of unusual stones to set. Gayle Sheldon showed some faceted stone of class work, Donna Remsnyder displayed some fish fossil from Wyoming. Mark Heathman showed a pink faceting, Leslie Wayment showed all kinds of Gypsum Selenite, some Desert Rose and some examples of advanced cabbing. Kathy Ero presented some casting using natural items, Herrick Jeffers showed a Columbus link pattern in chain maille and a fused glass ring that he stirred in the molten stage. Nancy Stark showed some cabbing goodies from Art's class and a wired Lapis pendant. Thanks to all for sharing!

Bill Harr stated the 2017 class listing for William Holland and Wild Acres are posted on the SFMS website.

Don McLamb asked folks to take some of the new Parade of Gems rack cards to start putting in public places so folks can save the date!

The SFMS Scholarship winners for the meeting were Joe (again) Bina who got the Snoopy with chocolate, Herrick Jeffers nabbed a fossil, Barbara Jeffers picked some petrified wood and Jack Simons received a nice beaded necklace.

After a short refreshment break, Mark Heathman gave a very nice presentation of his trip with wife Jesse to Florence, Italy and the sites seen. We saw stone from the Arno river that definitely had a picture landscape effect. He concentrated on going to see the process of Pietra Dora. It is cut rock on black slate. It is polished to four levels, very skilled work. You can see more on the website, scarpellimosiaci.it.

See you in March!

Respectfully yours, Denise Jackson, Secretary

Mineral of the Month – Native Silver

By Dave Jacobson

This month we will take a look at one of the native elements, silver, Ag. Native silver is rare and it is a minor source of silver ore. Most silver produced is from silver bearing ores. Some silver bearing minerals are acanthite, proustite, cobaltite, galena, copper zeolites and quartz. In addition to being used in the fabrication of jewelry it has many industrial uses. One of the largest uses of silver is in the manufacture of photographic film although I suspect the rise in digital photography has to have a large impact on this market. Silver's use in photography is due to its reactivity to light. Silver is also the best conductor of heat and electricity although its cost makes it impractical to use for wiring. Silver was one of the first metals to be used for coinage. The Lydian's made coins from electrum, an alloy of silver and gold as early as 700BCE.



Most silver produced is found with other metal ores such as copper, copper-nickel, gold, lead & lead zinc. Major producers of silver are Canada, Mexico, Peru, Australia and the United States. Mexico is reported to be one of the largest silver producers.

Silver has several properties in addition to its color and ability to take a good polish which make it excellent for jewelry work. One is silver's ductility, the ability of the metal to be drawn into wire or rolled into thin sheets. It is also malleable, which means it is capable of being formed by hammering or pressing. It is also sectile, which means it is capable of being sawed or severed smoothly. Another thing is cost, even though the spot price has been hovering around \$9.00 an ounce is not out of range for most hobbyists to fabricate jewelry from a precious metal.

Native silver is in the isometric crystal system. Cube shaped or octahedral crystals are rare. Typical forms are compact masses, plates, wire like forms and dendrite like shapes.

Color is silver white or gray although many specimens appear black due to tarnishing. It has no cleavage. Streak is silver white. Hardness is 2.5 to 3. Specific Gravity ranges 10 to 12 depending on the purity of the specimen.

Silver takes its name from the Anglo-Saxon *seolfor*. The word in the Old High German is *silabar*. The symbol for silver, Ag is from the Latin *argentum*.

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.

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

Rocks And Minerals by Chris Pellent

Upcoming Gem and Mineral Shows

March 2017

3-5—ST. PETERSBURG, FLORIDA: Annual show; Suncoast Gem and Mineral Society, Minnreg Hall; 6340 126th Ave. N.; Fri. 10-6, Sat. 10-6, Sun. 10-5; Adults/Seniors \$5, Students \$4, Free Admission for children; 47th Annual Gem, Mineral, and Jewelry Show and Sale to benefit the Suncoast Gem and Mineral Society. Finished and un-finished gems are available for sale from professional dealers and SGAMS. Also jewelry, beads, minerals, equipment and tools will be for sale. Other highlights include a grand drawing for a variety of jewelry, silent auctions through out the days, displays of members craft work in all areas, grab bags, magazines for sale and a gem mining area. Vendor refreshments are available. ; contact Bill Schmidt, P.O. Box 13254, St. Petersburg, FL 33733-3254, (727)-657-0998; e-mail: SGAMSGemshow@gmail.com; Web site: www.SGAMS.com

17-19—SARASOTA, FLORIDA: Show and sale; Frank Cox Productions, Sarasota Municipal Auditorium; 801 N. Tamiami Trail; Daily 10-5; Admission \$5, Under 16 Free; Gems, Jewelry, Crystals, Minerals, Fossils and Beads.; contact Frank Cox, 755 S. Palm Ave. #203, Sarasota, FL 34236, (941)-954-0202; e-mail: frankcox@comcast.net; Web site: frankcoxproductions.com

April 2017

28—30 Orlando, FL Central Florida Mineral and Gem Society, a non-profit educational organization, is hosting a Rock, Mineral, Gem, Jewelry & Fossil at Florida National Guard Armory, 2809 South Fern Creek Ave., Orlando, FL 32806. Show time: Fri. 1 pm to 6 pm, Sat. 10am to 6pm and Sun. 10am to 5pm. Vendors offering beads, minerals, gemstones, custom jewelry, fossils, artifacts, metaphysical stones, etc. Silent Auction and Door Prizes. Demonstrations: beading, cabochons and wire wrapping. Family Activities. Contact: phayes3@cfl.rr.com. Admission: Adults \$5, Students \$2, Uniformed Scouts Free. Web-site: www.cfmgs.org.

8-9—PINECREST, FLORIDA: Show and sale; Miami Mineralogical and Lapidary Guild, Evelyn Greer Park; 8200 SW 124 Street; Sat. 10-5, Sun. 10-5; Admission \$6, Children free; The Miami Mineralogical and Lapidary Guild (MMLG) is holding a Gem, Jewelry, Mineral, and Fossil Show. There will be exhibits, displays, demonstrations, raffles, and vendors showcasing mineral & fossil specimens, gemstones, fine jewelry, and artisan-crafted collectibles. Children's activities include jewelry-making sessions, surprise grab-bags, gem prospecting, and geode splitting. ; contact Sandy Mielke, P.O. Box 460206, Fort Lauderdale, FL 33346-0206, (305)-460-2244; e-mail: webguy@mmlg-inc.org; Web site: www://miamigemandmineral.com

Dolly's Picnic

Remember that our picnic is April 2 at Goode Park. Come out and see the auction and enjoy a grilled lunch. Bring a covered dish and visit with your friends. There will be tail gating too. Please bring donations for the auction to our next meeting March 1.

Directions coming south from Melbourne:

Going south on US 1, turn right onto Port Malabar Blvd NE. Turn right onto Bianca Drive NE. Follow Bianca Drive to the park.

South Eastern Federation of Mineral Societies

The Lodestar is a monthly publication of our South Eastern Federation of Mineral Societies. Anyone interested in receiving a copy just need to send an email to sfms.lodestar@gmail.com and they will be added to the distribution list.

2017 SFMS Workshops

Workshop I – William Holland – June 11-17, 2017

Class Instructor

Inlay/Silver I	Chuck Bruce & Micah Kirby
Silver I	Pattie Appleby
Silver II – Southwest	Vickie Prillaman
Cab II w/ Intarsia	Paul Roberts
Immersion Enameling W/Cold Connections	Debora Mauser
Polymer Clay	Sandi Davis
Beading	Gail DeLuca
Opals I	Cheryl Kasper
Casting	Bill Harr
Faceting	Linda Searcy
Wire I/Spoon Jewelry	Jan Stephens

Workshop II – Wild Acres – July 23-29, 2017

Wire	Rowan Rose-Morgan
Beads	Gail DeLuca
Creative Jewelry Design	Morning Sherrod
Metalsmithing for Juniors	Dave & Leslie Wayment
Raku Pottery	Gary Lee
Chain Maille	Roy Deere
Gem Trees	Jerri Heer
Casting 1	Kim St. Jean

The above list is the first two secessions. To view all secessions, visit the website at

<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) 726-9784

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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

Editors Notes

By Shannon Byrd

Join us on March 1 for our regular monthly meeting. Bring your newest creations and a snack to share with the group.

As we prepare for Dolly's Picnic, please remember to bring in your donations. The picnic will be held at Goode Park in Palm Bay on Sunday, April 2.

The information below was sent to me, I have no connection to the websites or business. I'm just passing the information on to those that may be interested.

Lapidary lovers now have a blog just for us! www.LapidaryWhisperer.com has just come online and I hope you will check it out. It's an online community for lapidary lovers where I'll post a new blog entry every other Wednesday.

Over the years, Justin Zxyzx has been very active in the mineral community, promoting minerals and rock-hounding in our local community and beyond. We published 19 magazines about minerals and we are working on issue 20 right now. We own a website called WhereToFindRocks.com and another called CutThatA-gate.com. You can read many of our magazines for FREE on MineralMagazine.com

<http://wheretofindrocks.com/rock-mineral-club-special-offer/>

<http://wheretofindrocks.com/rockhound-barstow-field-guide/>

AFMS Code of Ethics

I will respect both private and public property and will do no collecting on privately owned land without the owner's permission.

I will keep informed on all laws, regulations of rules governing collecting on public lands and will observe them.

I will to the best of my ability, ascertain the boundary lines of property on which I plan to collect.

I will use no firearms or blasting material in collecting areas.

I will cause no willful damage to property of any kind—fences, signs, buildings.

I will leave all gates as found.

I will build fires in designate or safe places only and will be certain they are completely extinguished before leaving the area.

I will discard no burning material—matches, cigarettes, etc.

I will fill all excavation holes which may be dangerous to livestock.

I will not contaminate wells, creeks or other water supply.

I will cause no willful damage to collecting material and will take home only what I can reasonably use.

I will practice conservation and undertake to utilize fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.

I will support the rockbound project H.E.L.P. (help Eliminate Litter Pleaser) and will leave all collecting areas devoid of litter, regardless of how found.

I will cooperate with field trip leaders and those in designated authority in al collecting areas. I will report to my club or federation officers, Bureau of land management or other authorities, any deposit of petrified wood or other materials on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.

I will appreciate and protect our heritage of natural resources.

I will observe the "Golder Rule", will use "Good Outdoor Manners" and will at all times conduct myself in a manner which will add to the stature and public image of rock hounds everywhere.

Bulletin Editor

Shannon Byrd

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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