

Canaveral Moonstone



Presidents Corner

The calendar says it is Fall!! Still feels like Summer. Maybe next week.

I am eager to see a large group at our October CMGS Meeting (at Unity of Melbourne) after 3 months of no meetings!!

Our nominating committee, Chaired by Nancy, has met. She has shared with me that all of the current Board Members are willing to serve again in 2020!! We will have our election opportunity at the November meeting.



Our 46th annual "Parade of Gems Show and Sales" will be presented November 9 & 10. It is most successful when all of our members participate. Sign-up sheets, will be available at our October and November meetings, for you to volunteer to help in the many activities that need support. Our Dealers would also be most pleased if all of our members came and found something to acquire from their vast offerings. Try to remember to wear your badges!!

Successful shows are the result of large attendance based great advertising; news papers, a variety of electronic media, messages to other clubs, and contacting friends. All add to the success!! All of our members can help!

As always, we have some dealers that do not plan to return and we find new ones. This year the departures have exceeded our new acquisitions. Two or three additional dealers are being sought to fill the 10 tables still available. If any of you know of potential dealers, please send me the contact information.

Our **SILENT AUCTION** is always a huge attraction. Not meeting for the past 3 months has limited the collection that **Michael** has been able to acquire. **All members** are urged to **contribute** your best and the most you can at our next 2 meetings. Michael (321-795-0802) will also come to your house and **pick-up** if you call him!!



Don

Exchange Bulletins are Welcome

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

The Dead Line for the November Moonstone is October 20, 2019

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 Unity of Melbourne facility at 2401 North Harbor City Blvd., Melbourne, Florida. 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.

October 2019

Sun Mon Tue Wed Thu Fri Sat

		1	2 Monthly Meeting 7PM at Unity	3	4	5 Open shop 9AM_ 12:30PM
6	7 Open Shop 5:30—9 PM	8	9	10	11	12 Open shop 9AM_ 12:30PM
13	14 Open Shop 5:30—9 PM	15	16	17	18	19 Open shop 9AM_ 12:30PM
20	21 Open Shop 5:30—9 PM	22	23	24	25	26
27	28 Open Shop 5:30—9 PM	29	30	31		

Open shops are held at the new workshop at 255 East Drive in Melbourne

Website News
By Sharon Jones

It’s wonderful to have so many volunteers get our new shop up and running. Now let’s make all that effort worthwhile by coming and using the shop. The address and shop hours are on our website @ <https://canaveral-mgs.com>.



Like us on Facebook

Web and Facebook

Please make both of these sites useful by posting to them. Facebook - If you have any good jokes about gemology or any interesting tools or tutorials please post those items. The more "likes" we get on Facebook posts, the more attention we'll get running our November Show ads on Facebook.

Canaveral Mineral and Gem Society June 5, 2019 Meeting Minutes

President Don McLamb opened the June 5th meeting at 7:08 pm. He welcomed us to our first meeting at The Unity of Melbourne Hospitality Room, 2401 North Harbor City Blvd. Reminding us that for easy access, park in the back as they have a good handicap ramp.

Don welcomed new guests Loret Gomez and Collin Muir, they introduced themselves.

Don said a super thank you to Dave Wayment for spear heading the new workshop project and a huge thank you to everyone that helped. Everyone has done a fantastic job. Our club will get 2 months of our lease back from the Henegar Center for moving out of the space by the end of May.

There will be an Open House at our new workshop at 3:00 pm Sunday, 255 East Dr., Suite K. Please bring refreshments. Clean up day on Saturday before the Open House at 9:00 am.

Don also announced that we have lost a wonderful member with Barbara Deere's passing. We will be keeping Barbara and Roy in our prayers.

The May minutes were voted on and approved.

Treasurer, Liz Ritter, said we had a lot of checks go out because of repairs on the new workshop. We've received \$6000 in checks for the Gem Show in November and have sold a cabbing machine and some tools. We have paid our rent through December for our new workshop. Liz Ritter reminded everyone that we won't be meeting in July or August.

Kathie Burnette said membership is up to 139 people.

Sue made announcements about the library. It will be categorized and cross referenced by September. You can buy magazine holders for \$.50.

Melissa and Sharron both made comments about how great the new workshop looks and how important it is to work on keeping it looking nice. Many of the volunteers have worked every day for a month! Let's all keep it nice by cleaning up after ourselves, taking out the trash and helping however you can.

Sue also suggested that people bring in things like pencils, notebooks, etc for the new workshop.

Shannon announced that she won't have a Moonstone until closer to September since there are no meetings in July or August.

Dave Jacobson spoke about Galena, a common mineral and one of the more important lead ores.

Sharron also reminded everyone that we get a 10% discount if you order from FDJ by being a club member.

It was a great night of sharing helpful ideas, learning experiences, and beautiful projects to share. I tried to write them down and finally gave up. I loved all the sharing and found it fascinating! Thanks!

Mary Kinberg
Secretary

Mineral of the Month—Galena

By Dave Jacobson

The mineral for this month is Galena (PbS, lead sulphide). Galena is a common mineral and is one of the more important lead ores. It is present in almost all hydrothermal sulphide ore bodies and is associated with pyrite, chalcopyrite and sphalerite. Galena from some locations is silver bearing. Although galena is the leading lead ore, enough silver is recovered during ore processing to make it a leading silver ore. Galena is found in most mineral collections as its cubic shape makes it an interesting specimen. Galena is a common mineral. Some of the more noted sites where galena has been mined are the Texas-Oklahoma-Missouri Tri-State Mining area in the USA; Broken Hill, Australia; Cumberland, England and Santa Eulalia, Mexico.

Galena is in the isometric (cubic) crystal system. Cube shaped galena crystals are very common. The stepped offsets in the faces of these cubic crystals are also very common. Galena has a hardness of 2.5 - 2.7 with a specific gravity of 7.58. Its streak is lead gray. Galena's color ranges from a metallic silver-gray appearance to dull lead-gray. Freshly fractured specimens usually have a metallic luster with the luster diminishing to a duller gray over time. Galena is easy to identify, with its shape, color, hardness and high specific gravity.

Galena gets its name from the Greek, *galene*, meaning "lead ore"

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 <http://mineral.galleries.com>



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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)

TAPERED REAMERS

A tool you don't see often these days is a tapered reamer. They're particularly useful for making an irregular hole round or for enlarging a hole to an exact diameter.



For example, the small set in the yellow pouch is for holes in the range of 0.3mm to 2.5mm. They are great for sizing a tube to fit a hinge pin.

Other times when I'm drilling a hole for riveting sheet metal and can't find the exact size drill, I simply drill the holes with a slightly smaller bit and enlarge them with a reamer until the wire just fits.

For larger hole sizes in sheet metal up to 14 ga, I really like the reamer with the black handle. It makes quick work of sizing holes from about 3mm to 12mm. You can find them in well-equipped hardware stores.

You may never use the large diameter reamers, but when sawing out some rings from 4mm thick sheet, I found they worked well for rounding and sizing the hole.



Coming Gem & Mineral Shows

10/19/2019 - 10/20/2019

Florida Fossil Hunters Fossil Fair

Indoors at Central Florida Fairground, 4603 W Colonial Dr, Orlando, Florida 32808

11/02/2019 - 11/03/2019 11/02/2019

Tampa Bay Gem, Mineral & Jewelry Show

Plant City Strawberry Festival Expo Hall, 2301 W. Oak Avenue, Plant City, Florida 33563

11/08/2019 - 11/10/2019

Jacksonville Christmas Bead & Jewelry Show

Morocco Shrine Center, 3800 St. Johns Bluff Rd., S., Jacksonville, Florida 32246

11/09/2019 - 11/10/2019

The Canaveral Mineral & Gem Society will present its 46th annual "Parade of Gems" Show & Sales

Dates: November 9 & 10, 2019

Time: 10:00am to 5:00pm

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>.

Dealer Setup: November 8; Noon to 6:00pm followed by Member & Dealer Dinner.

Continuous Armed Security November 8, 9, & 10.

Contact: Don McLamb

CMGS President

2019 Show chairman

321-723-2592

11/23/2019 - 11/24/2019

Gem, Mineral, Jewelry, Bead & Fossil Show

South Florida Fairgrounds Expo Center East, 9067 Southern Blvd., West Palm Beach, Florida 33411

12/06/2019 - 12/08/2019

Withlacoochee Rockhounds Gem, Mineral, Fossil, & Jewelry Show

Veterans Memorial Park, 14333 Hicks Rd., Hudson, Florida 34669

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)749-7675

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Board of Directors 3yr: Dave Jacobson, 672 Manor Place, West Melbourne, FL 32904, (321)676-4306

Board of Directors 2yr: Mark Heathman, 4166 Mockingbird Dr., Melbourne, FL 32934, (321)253-2856

Board of Directors 1yr: Roy Deere, 7041 Rodes Place, West Melbourne, FL 32904, (321)725-9179

Board of Directors (Past President) 1yr: Keith Stokes, 601 Georgia Ave., Melbourne, FL 32901, (321)266-8707

Bulletin Editor

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The Canaveral Mineral and Gem Society meets the First Wednesday of each month at the Unity of Melbourne Center, Melbourne, Florida. The time of the Meeting is 7:00PM . Visitors are always welcome.

CANAVERAL MINERAL & GEM SOCIETY
NEWSLETTER: MOONSTONE