

# Canaveral Moonstone



## Presidents Corner



Kitty and I wish for all of our CMGS friends that they had a superb Christmas or Hanukkah and will have a prosperous New Year.

Plan to make the most of your CMGS in this New Year.

- \* Join for 2016!
- \* Encourage your friends to join!
- \* Attend all of our meetings!
- \* Participate in all our parties (Picnic, April 10; Parade of Gems November, 12&13; Christmas/Hanukkah, Dec 8)!
- \* Volunteer to Teach classes in your favorite craft!
- \* Take lots of classes at Henegar!
- \* Take classes at Wild Acres and William Holland!
- \* Use our Shops to enhance your skills!
- \* Recommend programs to Nancy and volunteer to give a program!
- \* Support fund raising raffles for member scholarships!
- \* Opportunities to volunteer will appear on each months' Agenda!



There has been early progress on our Parade of Gems. Our show will be the second week end in November. All of the vendors for our 2015 show have their contract for 2016 and have been asked to commit by March 1 to reserve their 2015 location. The goal is to sell at least 30 more tables for 2016 than we sold in 2015. **A show Chairman is Needed!!** (I will continue to help!)

*Don*

**Exchange Bulletins are Welcome**

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

**The Dead Line for the February Moonstone is January 20, 2016**

**The URL for CMGS web site is: <http://www.canaveral-mgs.com/>**

Feel free to send me articles or pictures of your creations or journeys for the newsletter at [shannonb787@gmail.com](mailto: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 (except August) 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.

# January 2016

**Sun      Mon      Tue      Wed      Thu      Fri      Sat**

					1 Happy New Year	2
3	4 Open Shop	5	6 Monthly Meeting 7PM	7	8	9 Open Shop 9AM—12PM
10	11 Beading Class & Open Shop*	12	13	14	15	16 Open Shop 9AM—12PM
17	18 Beading Class & Open Shop*	19	20	21	22	23 Open Shop 9AM—12PM
24	25 Beading Class & Open Shop*	26	27	28	29	30 Open Shop 9AM—12PM
31						

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

Monday Open Shop 6PM—9PM

Mineral of The Month – Turquoise

By Bea Dietz



What is Turquoise?

The most simple's way to explain would be...volcanos erupted, mountains collapsed and wind, rain and air pulverized rocks to make dust. That dust settled in protected areas and created layers. Rain washed iron or copper particles over the dust and infused the dust with metals. These layers became Turquoise.

Is Turquoise really a rock? To me it is. The reality is that Turquoise is very soft when in the ground and breaks very easy during a mining process To mine very large pieces is a dream and does not happen very often. The largest piece ever mined weight 180 pounds, the largest piece I ever saw weight 5.5 pound.

The color of Turquoise depends on the metal content of the host rock and the surrounding rock. Generally speaking, the higher the amount of cooper in the host rock the bluer the Turquoise. As more iron is in the host rock, the greener the Turquoise. The colors can be deep sea blue known as "Persian Blue" found in Iran or the lighter blue like "Baby Blue" from Turkey. The USA produces a light blue Turquoise in Arizona out of the "Sleeping Beauty Mine" and we also have the "Fox Mine" in Nevada with a black Matrix and "Bad Boys of Cripple Creek" with a green Turquoise and it is the hardest Turquoise in the USA. It measures 6.7 to 7.7 on the Moah's scale.

How can you tell where the Turquoise is mined from? The matrix will tell you. The fine lines or deposits in the Turquoise will tell you.

Coarse black lines .....China, Africa.

Finer black lines .....Colorado, Nevada, South America.

Brown Lines or brown mass..... Nevada, Colorado.

White or silver lines.....Iran, Turkey ( Silver Lace).

"White Lace" is very rare in Colorado, but it has been found.

China has a bad reputation in the Turquoise world.

When shopping for Turquoise you will have different price brackets to shop from. Untreated, natural Turquoise is the most expensive Turquoise. Only 10% of all jewelry is made with untreated Turquoise. Enhanced Turquoise is infused with liquid quartz. Stabilized Turquoise is covered with epoxy, heated with high temperatures and covered with wax. Reconstructed Turquoise is pulverized and mixed with other stones, than made into a paste. Heated and dyed into the color of Turquoise and sold as the real thing.

Thank you, Beate M Dietz

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A special Thank You to CMGS Member Peter Zies for his donation to our Library:

"Gem Hunter's Guide" by Russell P. MacFall.

## Web Sites Resources

SFMS Workshops: <http://www.sfmsworkshops.com>

American Federation of Mineralogical Societies web site is at: <http://www.amfed.org>

Southeast Federation of Mineralogical Societies Website at: <http://www.amfed.org/sfms>

The URL for CMGS web site is: <http://www.canaveral-mgs.com/>

## Monthly Bench Tips

By Brad Smith

"Bench Tips for Jewelry Making" and "Broom Casting for Creative Jewelry" are available on Amazon [www.BradSmithJewelry.com](http://www.BradSmithJewelry.com)

### DEPTH GAUGE FOR DRILLING

Sometimes you need to drill a number of holes all to the same depth. One quick and easy way to do this is to wind some tape around the drill bit so that the tape just touches the part surface when the hole is deep enough.

You can set the depth either by measuring from the tip of the drill to the tape or by drilling to depth, leaving the bit in the hole, and wrapping tape around the bit at the surface level.

Note that a little extra tape left free on the end will blow away debris from the drilling.

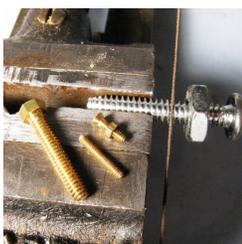


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### CUTTING A BOLT

Whenever you have to cut a threaded bolt shorter, it's often difficult to get the nut to thread back onto it. And the smaller the bolt, the more difficult it is to restore any distorted threads. The problem is easily solved with the use of a nut. Here's how I do it.

First, screw a nut onto the bolt before cutting it. Grip the bolt by the threaded section that is to be sawed off. Then saw the bolt to the desired length, taper the end with sandpaper or file, and unscrew the nut from the bolt.



Unscrewing the nut over the freshly cut end of the bolt will straighten out any damage that sawing and filing did to the threads. Gripping the bolt by the piece to be sawed off localizes any crushing damage to the piece that will be thrown away.

**December Meeting  
December 2, 2015**

The meeting was called to order by President Don McLamb. He led us in the Pledge of Allegiance. We welcomed new members Nikki Lally and Elisabeth Fawcett. Welcome!

We discussed the upcoming Holiday party taking place at the Front Street Center on December 10 at 6P.M. Bea Deitz volunteered to decorate and organize the event and she stated the pot luck dishes that the members would share should arrive by 5:30 P.M. We agreed that we would have a Yankee Trader swap with the gifts keeping in the 10-20\$ range.

A club member, Gale Sellers, stated she would be having a Rock and Gem Estate sale of her Dad's collection of tools, books, rocks cabochons, facet rough at her home in Melbourne beach on Dec. 5-6.

The November meeting minutes were accepted and Treasurer Liz Ritter gave the monthly report. Kathy Burnette gave us an update on club membership and we are now at 172 members...Wow! Kitty McLamb volunteered to be the Corresponding Secretary for 2016. Thanks Miss Kitty! Ray Diebel is looking for someone who has space to store his phosphorescent display case that he shares at the annual show.

Mark Jackson gave the educational report. The sign up for class book was there to share. Mark is working on getting our volunteer teachers to start up some new classes in the new year. He stated the 600 wheels on the capping machines are being a little abused.

Shannon Byrd gave the Moonstone update. She does a fantastic job monthly! Thanks Shannon!

The Mineral of the Month talk was about Chalcedony. Chalcedony typically is quartz with banding and are a favorite with folk who work in lapidary arts.

Thanks to everyone who brought in Show and Tell items to share from beading to casting to examples of Chalcedony.

Leslie Wayment announced we have a Cabochon artist who has achieved Master status in competition...Art DeLuarentis!!!!Way to go Art!!!

The meeting ended with the monthly raffle for the club member scholarships and socializing around the refreshments wishing and hoping for a very Merry Christmas and a Happy, Healthy New Year!!!

Rock on!!!!Respectfully yours,  
Denise Jackson, secretary

Editors Notes  
By Shannon Byrd

Join us on January 6 for our regular monthly meeting. Remember to bring in your newest creations for show and tell.

The mineral of the month will be turquoise, bring in samples if you have them.

Please send your favorite recipes to Pegatha at [mempkm@me.com](mailto:mempkm@me.com) for the CMGS cookbook.

## Upcoming Gem and Mineral Shows

**January 8, 9, &10**

**Pinellas Geological Society, Inc.**

40th Annual Gem, Mineral and Jewelry Show & Sale

Presenting Beautifully Crafted Jewelry, Gem Trees, Mineral Eggs & Spheres, Crystals, Mineral Specimens, Slabs, Artifacts, Cut Gems, Indian & western Jewelry, Exhibits & Library.

Fri/Sat; 10am to 5pm  
Sun; 12 noon to 5pm

Location: Largo Cultural Center 105 Central park Drive, Largo, FL

**January 16 & 17**

**Tomoka Gem & Mineral Society**

45th Annual Jewelry, Gem Minerals and Fossils Show & Sale

lapidary & jewelry, Demos, Classes, Supplies, Fine Jewelry, Gems, Minerals & Fossils

Sat; 10am to 6pm  
Sun 10am to 5pm

Location: Volusia County Fairgrounds  
Tommy Lawrence Building State Route 44, Deland, FL (1/4 mile East of I-4, Exit 118A)

**February 28, 2016**

**The Villages Gem & Mineral Society**

4th annual Brilliant, Bright & Bedazzled Show

Gems - Minerals - Fossils - Jewelry Artists - Loose beads made of clay, paper, resin & hand blown glass - Jewelry supplies - Findings - Basket Weaver - Wood Sculptures - Glass Fusion - Sea Shells - Gemologist - Silver Smith - Faceters - Rough - Slabs - Chains of various materials and designs sold by the foot and many more vendors. Door Prizes every hour.

10:00am to 4:00pm; FREE ADMISSION

Sea Breeze Regional Recreation Center 2384 Buena Vista Blvd. The Villages, Fl 32162

**November 12 and13, 2016**

**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.

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 & Acting Show Chairman

## Time for 2016 Membership Renewal

Membership fees for are due by Jan 1st, - Dues are \$20.00. Junior Member dues are \$2.00

Checks should be made payable to the "Canaveral Gem & Mineral Society" and sent to the Membership Chairman, Kathy Burnette 554 Veracruz Blvd Indialantic, FL 32903 or given to Kathy at a meeting. Those who joined Oct. 1 or later are paid through 2016.

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Mark Jackson is coordinating our class schedules for 2016. Teachers/volunteers are being lined up for several classes.

Cabachon Cutting

Casting

Chain-Maille

Cold Connections

Wire wrapping

Opal Cutting

Silversmithing

And more. You will be contacted based on the class list in the order that you signed up.

If you are interested in Kumihimo or Peyote Stitch Bead Weaving contact Haydee Hernandez at 321-727-0201 and she will work it into the beading class schedule for you.

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## 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:** Mark Jackson, 320 Arcadia Ave., Melbourne, FL, 32901, (321) 373-5133

**Corresponding Secretary:** Kitty McLamb, 570 Seabreeze Dr., Indialantic, FL 32903, (321) 723-2592

## Board of Directors

**Alfred Lightsey:** One-Year Term, (321) 676-0795

**Freda Hull:** Three-Year Term, (321) 425-0847

**Roy Deere:** Two-Year Term (321) 725- 9179

**Mark Heathman:** One-Year Term (321) 253-2856

**Canaveral Mineral and Gem Society, Inc.**

**P.O. Box 1597, Melbourne, FL 32902-1597**

**Bulletin Editor**

Shannon Byrd

2225 Ladner Rd NE

Palm Bay, FL 32907

Email: shannonb787@gmail.com

**CANAVERAL MINERAL & GEM SOCIETY**  
**NEWSLETTER: MOONSTONE**

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