



The Rockhound

Official Publication of the Gem & Mineral Society of the Palm Beaches, Inc.

www.gemandmineralsociety.org
December 2017 Volume 51 Issue 3

President's Message

Greetings, Rockhounds!

Well, another Show is in the books, and it was a great success! We don't have all the numbers analyzed yet, but attendance was strong and our vendors seemed happy. Thanks to all of our members, family and friends who contributed to this effort!

Now that our Show is done, it's time to move on to the last business of the year for the Club: Elections and Installation of Officers for 2018. Don't forget, elections will be held at our next General Meeting, on Wednesday, December 13th, 7:30 PM at the Science Center's Multi-Purpose Center. Officer installations will then take place at our Holiday Banquet, on Saturday, December 16th .

With all of that coming up, it is time for me to say Farewell - for now! My current term of two years has reached its end, and our Bylaws say I have to take some time off. If the need arises in the future, I would be honored to serve again. Next year, I will still be around helping Laura Phillips as her Assistant Newsletter Editor, as a Shop Steward, and filling in wherever I'm needed.

See You Out There! *Laura Simmons, President*

Membership Meeting

WEDNESDAY December 13
7:30 pm

4801 Dreher Trail North
West Palm Beach FL 33405
at the Multi-Purpose Center

December Meeting:

There will be no formal presentation for our December meeting. Instead, it will be a time to relive holidays past, enjoy each other's company and share the magic of the season.

Let's all celebrate the holidays with a mingle for Kris Kringle, a pause for Santa Clause, joy and festivity for the Nativity, a Festival of Lights so bright and the jewel that is Yule.

Junior Rockhounds

This month, the Junior Rockhounds will be continuing their exploration of the rocks and minerals of Florida with an exciting hands-on activity!



Official Announcement of Voting

In accordance with GMSPB By-laws, this is hereby an official announcement that **Voting for our 2018 Officers** will occur at the December General Meeting, to be held on Wednesday, December 13th at the South Florida Science Center and Aquarium's Multi Purpose Center, 4801 Dreher Trail N, West Palm Beach, FL 33405, at 7:30 PM.

Slate of Officers for 2018

Each year, in early December, our club votes in Officers for the next year. This process includes a slate, which is developed by our Nominating Committee. In addition to the slate, nominations will be accepted from the floor at the December meeting, prior to the voting. We are pleased to present this year's slate of candidates, as follows:

President: Lee Miller

First Vice President: Barbara Ringhiser (incumbent)

Second Vice President: Jen Martin (incumbent)

Secretary: Lorna Hayes (incumbent)

Treasurer: Jenny Wright (incumbent)

Please remember that Elections will be held on Wednesday, December 13th , 7:30 PM, at the Science Center's Multi Purpose Center. Installation of Officers will take place at our Holiday Banquet, on Saturday, December 16th.



Birthstone: Tanzanite

Tanzanite is the exquisite blue variety of the mineral zoisite that is only found in one part of the world. Named for its limited geographic origin in Tanzania, tanzanite has quickly risen to popularity since its relatively recent discovery.



Zoisite had been around more than a century and a half before this rare blue variety was found in 1967. Trace amounts of vanadium, mixed with extreme heat, cause the blue color – which ranges from pale blue to intense ultramarine with violet

undertones.

Due to pleochroism, tanzanite can display different colors when viewed from different angles. Stones must be cut properly to highlight the more attractive blue and violet hues, and deemphasize the undesirable brown tones.

The majority of tanzanite on the market today is heat treated to minimize the brown colors found naturally, and to enhance the blue shades that can rival sapphire.

Tanzanite is still only found on a few square miles of land in Tanzania, near majestic Mount Kilimanjaro. Its price and availability are directly tied to mines in this region.

Tanzanite measures 6.5 to 7 on the Mohs scale of hardness – which is not nearly as hard as the sapphire it often substitutes. Given its vulnerability to scratch during daily wear and abrasion, tanzanite is better suited for earrings and pendants than rings.

Between its deep blue color and its limited supply, tanzanite is treasured by many – whether one is born in December or not!

Birthstone: Turquoise

Admired since ancient times, turquoise is known for its distinct color, which ranges from powdery blue to greenish



robin's egg blue. It's one of few minerals to lend its name to anything that resembles its striking color.

The word turquoise dates back to the 13th century, drawing from the French expression pierre tourques, which referenced the "Turkish stone" brought to Europe from Turkey.

Ancient Persia (now Iran) was the traditional source for sky blue turquoise. This color is often called "Persian blue" today, regardless of its origin. The Sinai Peninsula in Egypt was also an important historical source.

The U.S. is now the world's largest turquoise supplier. Nevada, New Mexico, California and Colorado have produced turquoise, but Arizona leads in production by value, as well as quality. The stone's popularity here makes it a staple in Native American jewelry.

Turquoise is found in arid regions where rainwater dissolves copper in the soil, forming colorful nodular deposits when it combines with aluminum and phosphorus. Copper contributes blue hues, while iron and chrome add a hint of green.



Some turquoise contains pieces of host rock, called matrix, which appear as dark webs or patches in the material. This can lower the stone's value, although the uniform "spiderweb" pattern of Southwestern turquoise is attractive.

Turquoise is sensitive to direct sunlight and solvents like makeup, perfume and natural oils. The hardest turquoise only measures 6 on the Mohs scale, which made this soft stone popular in carved talismans throughout history.

From ancient Egyptians to Persians, Aztecs and Native Americans, kings and warriors alike admired turquoise for thousands of years. It adorned everything from jewelry to ceremonial masks to weapons and bridles – granting power and protection, particularly against falls.

Highly esteemed for its striking namesake color and its ancient history, turquoise remains popular through time.

Birthstone: Zircon

Zircon is an underrated gem that's often confused with synthetic cubic zirconia due to similar names and shared use as diamond simulants. Few people realize that zircon is a spectacular natural gem available in a variety of colors.

The name zircon likely comes from the Persian word *zargun*, meaning "gold-colored." Others trace it to the Arabic *zarkun*, meaning "vermillion." Given its wide range of colors – spanning red, orange, yellow, green, blue and brown – both origins make sense.

Zircon commonly occurs brownish red, which can be popular for its earth tones. However, most gem-quality stones are heat treated until colorless, gold or blue (the most popular color). Blue zircon, in particular, is the alternative birthstone for December.

Color differences in zircon are caused by impurities, some of which (like uranium) can be slightly radioactive. These gems are also treated with heat to stabilize the radioactivity.

While radiation can break down zircon's crystal structure, it plays a crucial role in radiometric dating. Zircon, the oldest mineral on earth, contains important clues about the formation of our planet.

Colorless zircon, known as Matura Diamond, displays brilliance and flashes of multicolored "fire" that can rival fine diamond. There's one key difference though: Zircon is more brittle. Though it measures 7.5 on the Mohs scale of hardness, its faceted edges can chip.

Zircon from Australia dates back 4.4 billion years. Australia still leads the world in zircon mining, producing 37 percent of the world's supply. Other sources include Thailand, Sri Lanka, Tanzania, Cambodia, Canada and the United States.

Since the Middle Ages, people have believed that zircon can induce sleep, ward off evil and promote prosperity.

-from americangemsociety.org



November Business Meeting Minutes

The December meeting was opened at 19:36.

Jenny Wright gave the Treasurer's Report. The month ending Oct. Total \$38,312.97

Laura Phillips was not present to report on the Newsletter.

Richard Tracy is currently overhauling the club Website.

Susan Cairl is accepting membership dues for next year.

Classes are not scheduled during the holiday season.

Susan Cairl was not present for the Shop report. Open shops are on Monday, Tuesday by appointment with Laura Simmons, Thursday, and Friday. Lo Rain Dudley announced that slabs are available for purchase at open shops.

Jenifer Martin reported on Programs. The December club meeting will be on Wednesday, December 13. We will not have a presenter; instead we will have a club social with a pot luck. In January, our speaker will be from the Historical Society. In February, she has planned a field trip to the Historical Society Museum. Jennifer also reported on a recent field trip to Norton Museum.

Laura Simmons reminded members that the next TY picnic is on January 14, 10 AM to 4 PM.

Walter Triche gave the Show report. Today was first day of set up. Volunteers are welcome to assist with set up. He reminded members that vendors are not required to give discounts to club members. Coupons for show admission are available for distribution.

There was no Sunshine news this month.

The December meeting on Wednesday the 13th is a requirement for installing next year's officers. The slate so far is unchanged except Lee Miller for club president. We are still accepting nominations until December meeting.

The meeting adjourned 19:59.



Member Highlight:

Lee Miller

This month the news team visits with our 2018 nominee for club President. Lee has been with the club for about three years, and his wife Lorna Hayes has served as Secretary for the past year. Lee's interest in rocks began when he was a youngster, collecting a few rocks here and there. Later a neighbor in Utah showed him how to cut slabs and he wound up buying some lapidary equipment to play with.

A few years ago, he and Lorna watched some people digging for rocks on a television show, and decided they'd like to give it a try. They traveled up to Spruce Pine in North Carolina and were forever hooked on it. Since that time, they've also collected at sites around Georgia and South Carolina. Like many of our club members, he's taken the cabbing class, and goes to the shop most Thursday evenings.

Lee still works fulltime, keeping slot machines running for a casino, but plans to retire in the next few years. He's looking forward to serving as our President next year, acknowledging he has a tough act to follow!

A little known fact about Lee is that he spent his early years traveling as a roadie for a rock band! He met Lorna at a Rolling Stones concert.

TY PARK Tri-Club Picnic and Rock Swap & Sale

Sunday, January 14 from 10:00AM-4:00 PM
Pavilion #9 at TY Park (see map)

- ◆ Relax and mingle with members of the Palm Beach, Gold Coast, and Miami clubs
- ◆ Bring a **potluck dish** to share, your **table service** and **drinks** (no glass containers)
- ◆ Bring **items to donate** to Raffles and Bingo, which pay for pavilion
- ◆ Arrive around 9:30-10:30 if you wish to set up a table to sell club related items (no charge), just bring **table** and **chairs**
- ◆ Lunch begins at 11:30
- ◆ Volunteers are needed to help set-up, sell tickets, call bingo, and clean-up.
- ◆ For more info, call Sean Branigan at 954/592-1503 or KC Foster at 561/523-4600

DIRECTIONS: From I-95 go West on Sheridan Street. Go North (right turn) on North Park Road. The Park entrance will be on the right (east) side. *Park admission is \$1.50 per person.*





SUNSHINE REPORT

Thank you to all that donated time and items throughout the year. This could not happen without you.

This is the time for a Merry Christmas and a Happy New Year peace, love, and be creative to all. Thank you, Sunshine folks!

Club Purpose

To associate persons of the Palm Beach area of Florida who are interested in earth sciences, to work together as an organization in the gathering, cutting, displaying, and studying of rocks, shells, artifacts, and any kind of scientific objects of interest to the individual and the organization, to promote community interest in these objects.

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*Katherine Behler * Christina Campbell
Nancy Critics * Larry Deaton
Tanya Epstein * Eric Essery
Gale Langford * Marsha Levey-Blandy
Eileen Reingold * Angelina Stone
Josey Stamper * Jen Ursillo
Paul Perryman * Laura Phillips*



To me, old age is always 15 years older than me.
- Lucille Ball

Palm Beach Museum of Natural History

Free Archaeology Workshop

2:00 pm

Saturday, December 9 and
Saturday, December 16

Museum at the Wellington Mall

There is no charge for the workshop, but participants must be at least 16 years of age.

No RSVP, just show up!

We will examine artifacts from the Margate-Blount Archaeological Site

for more information
www.pbmnh.org



Princess, Bissett, and Sunny



The newest additions to the Grant and Laura Simmons family came home this past Sunday! These are Nigerian Dwarf goats, primarily bred for dairy production and as pets. The largest, the white with dark spots on her head, is Princess. She's full grown, and is a veteran mom at this point. She has kids on the way, who will be due around the new year. As a dwarf breed, her back is about as high as my knees...they are one of the smallest breeds of goats! The second biggest, the dark colored

"buckskin," is Bissette; she is not Laura's but will be staying with the Simmonses for awhile as she is a bit shy and needs a little special attention outside of the breeder's larger herd. She's a young adult, and will probably get a bit bigger yet. The littlest one (gold and white) is only eight weeks old, and doesn't have a name yet, although Laura is leaning toward "Sunny Wether Or Not." He's a wether, which means he's been "fixed" - he'll be a good companion for the girls, and will not develop the odors and behaviors of an intact buck. At this age, he's about the size of one of Laura's bigger cats!

Do you have a pet that we could feature next month? Please send a picture and a little information to Laura Phillips at laura@ahphillips.com.



Holiday Banquet!!!

Saturday, December 16 at 6:00 PM
Atlantis Country Club
190 Atlantis Blvd Atlantis FL 33462

\$10 for members who volunteer 4 hours or more
at the show

\$20 for non-volunteers and guests
80 person maximum



CASH BAR

GIFT EXCHANGE

\$10 value * lapidary related
mark *man, woman or either*



Garden Salad with Choice of Two
Dressings and Caesar Salad

HOT SELECTION
Chicken Picatta
Broiled Salmon

FROM THE CARVERY
Sliced Roasted New York Sirloin
Roasted Turkey Breast

ACCOMPANIMENTS
Scalloped Potatoes
Pasta Primavera

VEGETABLES
Green Bean Almondine

DESSERT
Cheesecake
Apple Cobbler
Carrot Cake



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WILDACRES SPRING CLASSES – MAY 21 – 27, 2018 – SPEAKER-IN-RESIDENCE: BOB JONES

Class & Instructor	Description
Beaded Bezel Mia Schulman	Instead of using metal to set your cabochons, we will set them by using rows of small beads. The end result is a striking piece of jewelry suitable for any occasion. 2-day class offered first semester and no prior experience necessary.
Knitted Wire & Bead Bracelet Mia Schulman	Don't worry; you don't have to know how to knit. These bracelets are stunning and people are always surprised when told they are knitted. 2-day class offered second semester. No prior experience necessary.
Cabochons – Basic Bernie Emery	Learn to transform a piece of rock into a shiny, well-formed cabochon. You will learn the use of the trim saw as well as basics of grinding, sanding and polishing. Slabs are provided or students September use their own with approval of the instructor. Please bring an apron and safety glasses. 2-day class offered first semester. No prior experience necessary.
Cold Connections I Morning Sherrod	This class will start with basic skills such as the proper use of a jeweler's saw, hammering, patterns, doming with dapping blocks using a die cutter, and how to anneal metal. We will be using copper, brass, bronze, and silver to add color and character to your jewelry. Connections will be accomplished using rivets, jump rings, and wire. We will also learn about patinas and etching. After the mandatory projects are finished, you will be challenged to use your imagination to construct projects of your own under my supervision. This will be a fun class with finished pieces to take home. It will also provide a framework for more advanced projects. All materials and use of my tools for projects are included in class fees. I will have materials and kits for purchase if you want to purchase to take home. If you are not a beginner, I will have more advanced projects available. Please be patient and considerate of your fellow students as everyone may be at a different skill level. No prerequisites necessary. 2-day class, first semester.
Cold Connections II Morning Sherrod	I am excited you are joining me in an advanced metal working class. We will be etching, texturizing, setting cabs, and using prongs, tabs and sandwiching techniques. Also we will be sweat soldering metals together. I will first go over the techniques you will need for the projects, and demonstrate as needed. You will be challenged to create your own work. I'm there to assist you with your project. Everyone will be on different projects. Beginners are welcome!!! I will work with you to get you up and hammering. This is a laid back class. I want you to have fun and enjoy what you are doing. You may bring your own cabochons to work with if you want. I will have extra tools, cabs, metals, kits for you to purchase to take home if you want. Looking forward to meeting you and having a fun filled two days. Prerequisites. 2-day class, 2nd semester.
Cabochons - Intermediate Bernie Emery	Learn to cut different shapes and the techniques needed to do so. Slabs are provided or students September use their own with approval of the instructor. Please bring an apron and safety glasses. Prerequisite: Students must have prior experience with cabbing and use of the trim saw. 2-day class offered second semester.
Electro-Etching - Beginner Micah Kirby	Description coming next month
Electro-Etching - Intermediate Micah Kirby	Description coming next month
Faceting Steve Weinberger	Students will learn to cut and polish a 57-facet round brilliant gemstone. In addition, they will learn how to identify well-cut stones, select rough material and see whether or not they enjoy this fascinating aspect of the hobby. Students are asked to bring an Optivisor (#7 or #9) and an apron. 4-day class. No prior experience necessary.
Loop and Loop Chains - Beginner Chuck Bruce	Students will learn the ancient technique of fusing fine silver jump rings and linking them together into a chain. We will explore 2 different patterns - Roman Fold-over and Single Fold-over (Foxtail) and students should be able finish a bracelet and pair of earrings in each. (These ancient beautiful designs are quite different from chain maille). No prior experience is needed. 2-day class offered 1st semester.
Loop and Loop Chains - Advanced Chuck Bruce	Students will learn the ancient technique of fusing fine silver jump rings and linking them together into a chain. We will explore 2 different patterns - Double Fold-over (Foxtail) and Sailor's Knot; students should be able to finish a bracelet and pair of earrings in each. (These ancient beautiful designs are quite different from chain maille). No prior experience is needed, but Semester 1 helpful. 2-day class offered 2nd semester.
Silversmithing - Basic Richard Meszler	Have fun learning the basics of working silver sheet and wire to fabricate jewelry. The projects will introduce you to annealing/bending/shaping/texturing metal, soldering, piercing and polishing. Students will receive a kit containing the necessary metals and supplies to complete these projects as well as a detailed written step by step description of each project. 2-day class offered 1st semester. No prior experience necessary
Silversmithing - Intermediate Richard Meszler	Continue your education working with metals by doing a more complex project. You will learn to make a bezel setting & bail into which you will set a cabochon to make a pendant. Students will receive a kit containing the necessary metals and supplies to complete this project as well as a detailed written step by step description of each project. Prerequisite: Basic silversmithing experience including soldering. 2-day class offered 2nd semester.
Viking Knit Val Johnson	You will learn a technique used nearly 1300 years ago by ancient people to weave a silver rope. Viking knit is also called trichinopoly chain and was used to make bracelets, trim on clothing and many other decorative objects. Once you learn the skill it is very easy and uses few tools and supplies to create stunning chains. Student will complete a bracelet in single stitch. 2 day class offered 1st semester.

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2018 EFMLS Wildacres Registration

PLEASE, ONLY one person per form per session

CHECK ONE: May 21 - 27: _____ Fall: September 3 - 9: _____

Please fill out a separate registration form for each person attending and return to SUZIE MILLIGAN, 931 Carmichael Rd; Owego, NY 13827-3320. **No registration will be accepted prior to January 1, 2018.** (To make it easier for the registrar and others, please do not change or revise this form. You September photo-copy it as needed.) Please write legibly!

For Office Use Only	
ID #	_____
Date Rec'd	_____
Amt. Paid:	_____
Ck #:	_____
Amt. Paid:	_____
Ck #:	_____
Paid in Full:	_____

Name (as you wish it to appear on your name badge): _____

Street: _____ City: _____ State: _____ Zip: _____

Telephone number with area code: _____ e-mail: _____

Club/Society Affiliation: _____

Fee for each session is \$425.00 per person. Deposit is \$215 per person, payable with registration. Make checks payable to "EFMLS". Balance of fee is due 30 days prior to start of session. No postdated checks will be accepted.

Cancellation policy: If unable to attend, fees paid will be refunded if notification is given prior to one month before the session begins. No refund will be made after that date.

Circle appropriate responses:

Have you been to Wildacres before? Yes _____ No _____ Is your Club paying your tuition? Yes _____ No _____

Name of roommate: _____ (If none, one will be assigned).

Are you: Male _____ Female _____ (No single rooms are available). Are you a smoker? Yes _____ No _____
(No smoking is allowed in any building)

Do you have any physical handicaps and / or special dietary needs? Yes _____ No _____
If YES, please explain on reverse side.

Class Pre-registration

See EFMLS Newsletter or Website (efmls-wildacres.org/) for class offerings.

You will either be able to take one 4-day class or two 2-day classes. All participants must take classes.

Which of the classes being offered would you like to take? **Please indicate at least 3 choices** in order of preference for each semester. You will be preregistered for classes based on your choices, but no class placement is guaranteed. Should your preferred class be unavailable for any reason you will be preregistered for another of your choices. If no alternate class preference is indicated we will pre-register you in a class of our choosing, based on availability.

1st Semester or 4 day classe choices

- 1 _____
- 2 _____
- 3 _____
- 4 _____

Second Semester

- 1 _____
- 2 _____
- 3 _____
- 4 _____

(No registrations accepted prior to January 1, 2018)

Mail to: Suzie Milligan, 931 Carmichael Rd; Owego, NY 13827-3320

If you have any questions, please contact either

Suzie Milligan, Registrar at <smilligan@stny.rr.com> or 607-687-5108 or
Pamm Bryant, Director at <pjbryant6@juno.com> or 804-457-4698

SHOP TALK

Open Shop Schedule



Open shop is available for members use only, but visitors are welcome to stop by during open shop hours. Open shop fees are \$5.00 for the first 3 hours and \$7.00 for time over three hours.

Important! Members must complete a 6 class Certification Class before using the cabbing equipment. This class runs for six consecutive weeks for 3 hours each week to provide safety instructions and cabbing techniques. If you received training elsewhere, you will still need to demonstrate your proficiency before using shop equipment. For information on cabbing certification please call Susan Cairl @ 561-293-1298

Open Shop Hours:

- Mondays 10:30am - 5:00pm, Samantha Lazzaro, Shop Steward - 631-764-6556
- Tuesdays Evenings by Appointment - Laura Simmons, Shop Steward - 407-234-0444
- Thursdays 12:30pm - 3:30pm, Dennis Rietwyk, Shop Steward - 561-255-0292
- Fridays 6:00pm - 9:30pm, Susan Cairl, Shop Steward - 561-293-1298

“Stuff Happens” so please call first to verify the shop will be open as scheduled. If the assigned shop steward cannot be reached, call Susan Cairl, Head Steward, to confirm.

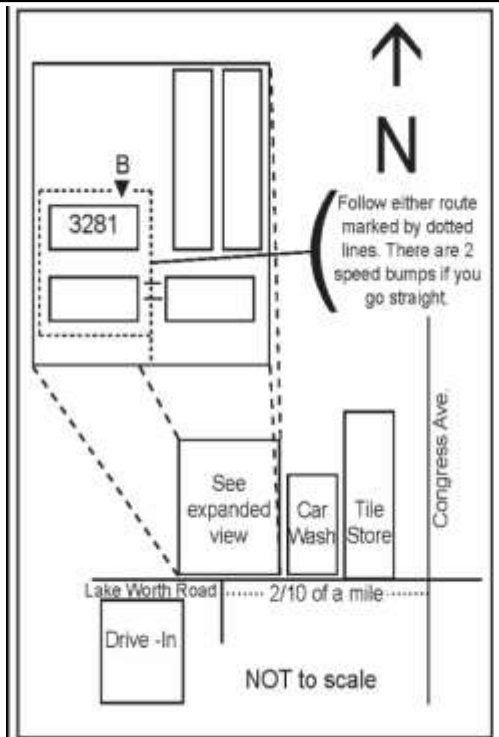
Shop Report

Open shop is available for lapidary, metal work, enameling, fused glass, classes and to use the library. You must be certified to use the kiln! For kiln certification and classes, please call Samantha Lazzaro.

At the present time, kiln use is limited to Monday Open Shop Hours. For beginning silversmith classes, please call Laura Simmons. Additional classes will be announced as they become available. When visiting the shop please know:

- ◆ You will be asked to sign a one-time liability waiver and be given a copy of the shop rules
- ◆ Always sign in and out of the log book and complete the information on the sign in sheet
- ◆ Drinks and food are permitted in the outer room only
- ◆ There is no fee to use the library or reference videos available in the shop

The street address of the shop is:
3281 Lake Worth Road, Suite B, Lake Worth, FL 33461



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Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 Open Shop** 6-9 PM General Work Susan 561/293-1298	2 GLASS BLOWING 10am-Noon
3	4 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	5 Open Shop** 6-9 PM RSVP ONLY! Laura 407/234-0444	6 BOARD MEETING 7:30 PM @ Shop	7 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	8 Open Shop** 6-9 PM General Work Susan 561/293-1298	9
10	11 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	12 Open Shop** 6-9 PM RSVP ONLY! Laura 407/234-0444	13 MEMBERSHIP MEETING 7:30 PM @ Science Center	14 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	15 Open Shop** 6-9 PM General Work Susan 561/293-1298	16 HOLIDAY BANQUET 6 PM
17	18 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	19 Open Shop** 6-9 PM RSVP ONLY! Laura 407/234-0444	20	21 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	22 Open Shop** 6-9 PM General Work Susan 561/293-1298	23
24	25 MERRY CHRISTMAS	26 Open Shop** 6-9 PM RSVP ONLY! Laura 407/234-0444	27	28 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	29 Open Shop** 6-9 PM General Work Susan 561/293-1298	30
31						

CALL BEFORE GOING TO OPEN SHOP!!

Always call the shop steward before going to the shop.

Open shop sessions may be cancelled or changed due to scheduling conflicts.

If the assigned shop steward cannot be reached, call Susan Cairl, Head Shop

Steward, to arrange for open shop.

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Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 Open Shop** 6-9 PM RSVP ONLY! Laura 407/234-0444	3 BOARD MEETING 7:30 PM @ Shop	4 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	5 Open Shop** 6-9 PM General Work Susan 561/293-1298	6
7	8 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	9 Open Shop** 6-9 PM RSVP ONLY! Laura 407/234-0444	10	11 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	12 Open Shop** 6-9 PM General Work Susan 561/293-1298	13
14 PICNIC at TY PARK 10 AM - 4 PM	15 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	16 Open Shop** 6-9 PM RSVP ONLY! Laura 407/234-0444	17	18 MEMBERSHIP MEETING 7:30 PM @ Science Center	19 Open Shop** 6-9 PM General Work Susan 561/293-1298	20
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AVAILABLE CLASSES

CLASS	INSTRUCTOR	COST	DATE/TIME/NOTES
<ul style="list-style-type: none"> ◇ Introduction to Chainmail ◇ How to Use the Jumpringer ◇ Introduction to Metalsmithing ◇ Viking Wire Weave 	Laura Simmons 407/234-0444	\$30 + \$10 materials fee \$10 + \$5 materials fee \$50 + \$30 materials (copper) or \$60 materials (silver) \$30 + \$15 fee	Contact instructor to arrange.
Art Clay Silver	Michelle Renné 561/644-2323	\$50 + est. \$85 materials fee (depending on cost of silver)	Contact instructor to arrange.
Cabochon sessions Six 3-hr sessions	Susan Cairl 561/293-1298	\$75 + \$20 materials fee	Contact instructor to arrange.
Cold Connections Class Series: <ul style="list-style-type: none"> ◇ Explosion Pendant ◇ Fold Forming Bracelet w/Beveled Stone Setting ◇ Scrapbook Bracelet (rivets) ◇ Metal Etching & Air Chasing Bracelet ◇ 3D Pendant w/Druzy Stone Slice NEW! 	Arlene Lazzaro 516/810-3495	\$40 + \$35 materials fee \$40 + \$35 materials fee \$40 + \$35 materials fee \$40 + \$40 materials fee \$40 + \$40 materials fee	Contact instructor to arrange.
Embellished Multi-Metal Jewelry	Michelle Renné 561/644-2323	\$40 + \$20 materials fee	Contact instructor to arrange.
Enameling	Samantha Lazzaro 561/372-2359	\$40 + \$50 materials fee	Contact instructor to arrange.
Flat Lap	Susan Cairl 561/293-1298	\$40 + \$10 supplies fee	Contact instructor to arrange.
Fused Glass (Beginner)	Harriet Flashenburg 561/733-1466	\$50 + \$50 materials fee	Four afternoon sessions Class taught in season only. Contact instructor to arrange.
Gem Tree	Dianna Ray 561/707-6753	TBD	Contact instructor to arrange.
Metalsmithing: <ul style="list-style-type: none"> ◇ Alien Prong Ring 	Arlene Lazzaro 516/810-3495	\$40 + \$15 materials fee	Contact instructor to arrange.
Non-solder Wire Work	Michelle Renné 561/644-2323	\$40 + \$15 materials fee	Contact instructor to arrange.
Wire Fan Bracelet Class	Debi Kachman 561/568-8736	\$30 + \$20-50 materials fee (depending on metal) OR supply list can be provided	Contact instructor to arrange.
Wire Sculpture Class	Debi Kachman 561/568-8736	\$30 + \$20-50 materials fee (depending on metal) OR supply list can be provided	Contact instructor to arrange.

The Rockhound

Official publication of the Gem & Mineral Society of the Palm Beaches, Inc.

MEMBERSHIP DUES

Junior Membership—\$10.00
(Under age 18)

Single Membership—\$20.00
(Over age 18)

Family Membership—\$30.00
(Includes 2 adults and children under age
18 in a single household)

*Membership expires on December 31st
each year and is due by the end of
February of the new year.*

To renew your membership, make your
check or money order to:

Gem & Mineral Society of the Palm
Beaches, Inc. and mail to:

Membership Coordinator
Gem & Mineral Society
P.O. Box 18095
West Palm Beach, FL 33416-8095

NAME TAGS

Available from:
Ace Marking Devices (\$12.00)
3308 S. Dixie Hwy.
West Palm Beach, FL 33405
561/833-4073

SHOP FEES

Up to 3 hours shop time - \$5
Over 3 hours shop time - \$7

SEE CALENDAR FOR OPEN SHOPS

SHOP STEWARDS

Head Shop Steward:
Susan Cairl 561/293-1298

Laura Simmons 407/234-0444
Dennis Rietwyk 561/255-0292
Samantha Lazzaro 561/372-2359

Shop Phone:
561/585-2080

2017 OFFICERS

President*	Laura Simmons	407/234-0444
1st Vice President*	Barbara Ringhiser	561/379-4307
2nd Vice President*	Jennifer Martin	561/281-5466
Secretary*	Lorna Hayes	561/389-8584
Treasurer*	Jenny Wright	561/634-1427

2017 DIRECTORS

Head Shop Steward*	Susan Cairl	561/293-1298
Membership*	OPEN	
Newsletter Editor*	Laura Phillips	561/523-3594
Member-at-Large*	Lo Rain Dudley	561/827-5793
Show Chairman*	Walter Triche	561/628-1031
Webmaster*	Richard Tracey	561/318-6891

COMMITTEE CHAIRPEOPLE

Hostess	Samantha Lazzaro	561/372-2359
Jr. Rockhound Program	Mitchell Turk	561/506-4655
Librarian	Shop Steward on Duty	
Programs	Jennifer Martin	561/281-5466
Raffle Coordinator	Keith Klein	561/541-1243
Refreshments	Arlene Lazzaro	516/810-3495
Sunshine Committee	Lo Rain Dudley	561/827-5793
Social Events	Debi Kachman	561/793-6777

*Denotes a Voting Member of the Executive Committee.

WEBSITE

www.gemandmineralsociety.org

Club Email Addresses

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Link to our **smile.amazon.com** account:
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The Gem & Mineral Society of the Palm Beaches, Inc. is a 501 (c) (3) corporation and a member of the Eastern and Southeastern Federations of Mineral and Lapidary Societies, and is affiliated with the American Federation of Mineralogical Societies. Monthly meetings are held on the third Thursday of the month except for December, which is held on the second Thursday. Meetings start at 7:30 PM at the former Garden Club building (across from the Science Center), 4800 Dreher Trail North, West Palm Beach, FL 33405.

Send comments or submissions to newsletter@gemandmineralsociety.org