



The Rockhound

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

www.gemandmineralsociety.org
January 2019 Volume 52 Issue 4

President's Message

Greetings and welcome to 2019 - How fast the last year has gone by!

I look forward to an active year with the Club, and would like to thank my fellow Officers and Board Members for all that they do in keeping the Club running. We have a number of new people getting involved, and a few trying out new roles...please check the listings here in The Rockhound and on our Website! If you are interested in getting involved with the show, see Walt Triche or just come to the Show meetings, as noted on the calendar and in The Rockhound.

It's that time of year again! If you haven't already, please remember to renew your membership. David Taylor is our newest Board Member, taking over the role of Membership Coordinator. While he gets caught up, Barbara Ringhiser can also help you with your membership needs.

Also, keep an eye on news from the Shop! We have several new things in the works, including weekend open shop times, and special "quick" project classes included in regular shop fees (no extra class fee)!

See you all "out there!"

— Laura Simmons, President

Membership Meeting

Thursday, January 17
at 7:30 pm

4800 Dreher Trail North
West Palm Beach FL 33405
at the Multi-Purpose Center

January Program: Vince Borghese

Our speaker this month is a 6th grade science teacher at Western Academy in Royal Palm Beach. He's also an amateur fossil hunter who has hunted fossils with the University of Wyoming Dinosaur Center, Dinosaur Journey Museum in Colorado, Florissant Fossil Quarry, as well as the Peace River.

In addition, Vince has received fossil matrix from the Penn Dixie Fossil site in upstate New York.

His presentation will provide fossils, show pictures and display the rest of his collection to the members.

He will also bring a sampling of matrix from Penn Dixie and Florissant for members to sort if time allows.

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Birthstone: Garnet

The name garnet actually refers to a group of minerals that exist in a rainbow of colors from red to green. The rarest garnets are blue. Most people usually think of garnets as red. Garnet



has been known since ancient times. The Latin name is "granatum" which means seed from the red seed of the pomegranate.

As mentioned earlier the name garnet refers to a group of minerals and not just one mineral. Garnets are nesosilicates which means they have the SiO₄ group. The formula for garnet is X₃Y₂(SiO₄)₃ the X's and Y's are different metals as below:

Name	X	Y
Almandine	Fe (iron)	Al (aluminum)
Pyrope	Mg (magnesium)	Al (aluminum)
Spessartine	Mn (manganese)	Al (aluminum)
Andradite	Ca (calcium)	Fe (iron)
Grossular	Ca (calcium)	Al (aluminum)
Uvarovite	Ca (calcium)	Cr (chromium)

There are still more garnets with other elements filling in the X's and Y's. It is the transition metals (iron, manganese and chromium) that give the color to the garnets. In nature none of the garnets are of one pure formula but instead have varying percentages of the different garnet minerals. Garnets found in North Carolina are usually referred to as Rhodolite. Rhodolite is not a recognized mineral name but is commonly used for garnets. Rhodolite is a



mixture of about 70% Pyrope and 30% Almandine.

In addition to the natural garnets there are also the synthetic garnets referred to as YAG which stands for Yttrium aluminum garnets. In these garnets the (SiO₄)-4 has been replaced by (AlO₄)-5 and has the formula Y₃Al₂(AlO₄)₃. YAG is used for synthetic gemstones as well as for lasers.



All photos (Almandinas.jpg, Granat, Madagaskar.JPG and Garnet_cut.JPG) from Wikipedia commons are courtesy of: WesternDevil [GFDL]

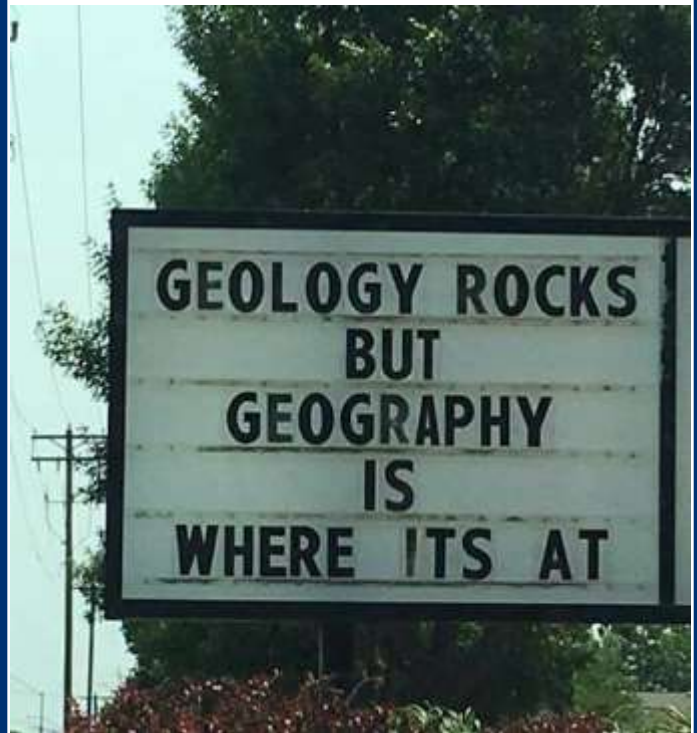
References:

<http://www.gnu.org/copyleft/fdl.html>

<https://www.americangemsociety.org/page/januarybirthstone>

<https://en.wikipedia.org/wiki/Garnet>

-Article compiled by Richard Tracey





Member Highlight: Ray Ritari

Our members come to the club for a variety of reasons. For Ray Ritari, it was a longstanding love of rocks. Originally from the Pacific northwest, he has been collecting rocks informally since he was young. Professionally, Ray had a demanding career managing arenas, stadiums, and a convention center, which kept him from exploring a lapidary hobby until after retirement.

Ray and his wife Pat joined the club after retiring and moving to Florida several years ago. Ray took the cabbing class with Susan Cairl and is a frequent fixture at our open shop sessions. Ray turns most of his custom cabochons into pendants, which he and Pat often give to friends.

Like many Floridians, Ray and Pat spend their winters here and summers elsewhere. They have a summer home close to Yellowstone National Park, which gives Ray lots of opportunity to collect interesting specimens.

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.

FAIR USE NOTICE. This publication may contain copyrighted material the use of which has not been specifically authorized by the copyright owner. We are making such material available in our efforts to advance the educational understanding of the amateur jewelry fabrication and rock collecting hobbies. We believe this constitutes a 'fair use' of any such copyrighted material as provided for in section 107 of the U.S. Copyright Law. If you wish to use material from this publication for commercial or purposes of your own that go beyond 'fair use', you must obtain permission from the copyright owner.

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*Lauriann Farmer * Sheri Hecoeks
Angela Juliano * Deniz Kilic
Samantha Lazzaro * Marlon Leon
Jennifer McIntyre * Dennis Rietwyk
Pat Ritari * Charlotte Simo
Mary Ann Stamper * Carol Swete
Jeff Ursillo * Marian Wells*

552 Carat Diamond found in Canada



Courtesy: Dominion Diamond Mines ULC

In mid-December the Dominion Diamond Mine at Diavik in Canada reported that they had found a 552 Carat yellow diamond. The Diavik mine is in Canada's Northwest Territory about 135 miles south of the Arctic Circle.

The diamond is about the size of a chicken egg and is the largest diamond ever found in North America and is one of the 30 largest diamonds ever found. Previously the largest diamond found in North America weighed in at 187.7 carats and was also found in the Diavik mine. Dominion Diamond Mines plans to have the rough diamond cut but cannot estimate the size of the resulting stone.

Sources: (all the sources had the same basic information)

<https://www.foxnews.com/science/552-carat-yellow-diamond-found-in-canada-largest-ever-in-north-america>

<http://www.mining.com/largest-diamond-north-america-found-canadas-diavik-mine/>

<https://www.forbes.com/sites/anthonydemarco/2018/12/14/552-carat-yellow-diamond-discovered-in-canada-largest-in-north-america/#243cfb3258e3>

<https://www.cnn.com/2018/12/14/world/552-carat-diamond-found-in-canada/index.html>

U P C O M I N G E V E N T S

January 11-13, Largo FL: **Pinellas Geological Society Forty-Third Annual Gem, Jewelry and Mineral Show and Sale.** Friday and Saturday 10 AM to 5 PM Sunday Noon to 5 PM Central Park Performing Arts Center Parkside Room 105 Central Park Drive Largo, Florida Turn south off East Bay Drive just one block east of Seminole Blvd. Free admission. Donation \$2.00 for hourly drawing. Silent Auction every hour.

The members of the Pinellas Geological Society and other local Gem and Mineral Clubs will be showing their cut gems, silver and gold jewelry, wire wrap, beading, cabachons, and collections of rocks and minerals for your viewing pleasure and purchase. This show is for everyone of all ages (free rock bags for children) who are fascinated by and enjoy seeing and learning more about nature's beauty in gems, rocks and minerals. Contact person: Leona Feldhausen , Co-Chairperson; (727) 709-3236. www.pgs.rocks

January 12-13, Pompano Beach, FL: **54th Annual Broward Shell Show.** Saturday 10 AM—6 PM, Sunday 10 AM—4 PM. Emma Lou Olson Civic Center, 1801 NE 6th St, Pompano Beach, FL 33061. Thousands of beautiful and unusual shells from around the world on display and for sale. Shell ID Clinic, Raffle Prizes. Free Admission, Free Parking. Contact 954-786-4111. www.browardshellclub.org

January 19-20, Deland, FL: **Tomaka Gem & Mineral Society 48th Annual Jewelry, Gem, Mineral, Fossil Show & Sale.** Volusia County Fairgrounds (Tommy Lawrence Arena), 3150 E New York Ave, Deland, FL 32724, 1/4th mile East of I-4 at Exit 118A, Rt 44. Saturday 10 AM-6 PM. Sunday 10 AM-5 PM. Hourly drawings, Silent Auction, Grand Prize Drawing, Kid's Activities, Demonstrations, slabs, beads, tools, jewelry, specimens, fossils by 40+ vendors. Free parking. Admission \$4 Adult, 12 and under free, \$1 coupon on website and in this newsletter. Contact Show Chair Mary DeJan 386-871-6221 or Vendor Chair Ginger Lobb 386-986-9383. www.tomokagms.org

January 27th, Hollywood, FL: **TY Tri-Club Picnic.** 10 AM—4 PM. See information on [Page 7](#).

February 2-3, Merritt Island, FL: **Central Brevard Rock and Gem Club 42nd Annual Show and Sale.** Kiwanis Recreation Center, 95I Kiwanis Island Park Rd, Merritt Island, FL 32952. There will be over 20 vendors displaying finished jewelry, rocks, minerals, slabs, gemstones, strands of beads, pearls, and findings. We will have hourly door prizes, grand prize, & silent auction. A sluice and spinning wheel will be available for the children and the young at heart. Demonstrations of cabbing and faceting will be ongoing, as well as, club displays. Parking is free. Admission is \$5, children under 12 are free accompanied by an adult. There will be \$1 off coupons in Florida TodayNewspaper (including digital), flyers, and on our website. We are now on Facebook as well. (www.centralbrevardgems.org) For additional information, contact Roz Mestre , show chairman 321 431-0159. www.centralbrevardgems.org

February 16th and 17th 2019, Vero Beach, FL: **Treasure Coast Rock and Gem Society 43rd Annual Show.** Vero Beach Community Center 2266 14th Ave, Vero Beach, FL 32960. Downtown. Admission \$5 Adults, Children under 12 free. Hourly Raffle Prizes, Demonstrations, Beads-Supplies-Jewelry, Minerals-Rocks, Gems-Pearls-Opals, Guest Treasure Diver, Presentation, Book signing. Coupon available for \$1 off on the website. www.treasurecoastrockandgem.org/43rd-annual-show.html

February 23, Lakeland, FL: **Imperial Bone Valley Gem, Mineral & Fossil Society.** Location: First Presbyterian Church 75 Lake Hollingsworth Dr Lakeland, FL 33803 Saturday 9 AM-4:30 PM. Admission: Adults \$3; Students, Children and Teachers Free. Door prizes, Spin & Win Mineral Wheel, kids' Treasure Dig, demonstrations, educational displays, silent and Chinese auctions, more than 30 dealers, rocks, minerals, fossils, jewelry, gifts, hobby supplies, lapidary demonstrations, wire wrapping, cabochon making Contact Kim Price, (863) 412-9156; e-mail: IBVGMFS@gmail.com www.bonevalley.net



**Rocks,
Gems and Jewelry**
Show and Sale
February 2 and 3, 2019

Show Hours
Saturday 10-5
Sunday 10-4

Kiwanis Island Recreation Center
951 Kiwanis Is Park Rd
Merritt Island, FL 32952

Hourly Door Prizes
Silent Auction
Grand Prize Drawing

ADMISSION: \$5.00 (\$1.00 OFF
WITH AD OR WEBSITE COUPON)
Children under 12 free when
accompanied by adult.

Sponsored by:
Central Brevard Rock & Gem Club
www.centralbrevardgems.org



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THE BROWARD SHELL CLUB
PROUDLY PRESENTS THE **54TH ANNUAL
BROWARD SHELL SHOW**
THOUSANDS OF BEAUTIFUL AND UNUSUAL SHELLS
FROM AROUND THE WORLD ON DISPLAY AND FOR SALE
SHELL ID CLINIC • RAFFLE PRIZES

www.browardshellclub.org



FREE ADMISSION
FREE PARKING

**SATURDAY
JAN 12, 2019
10AM-6PM**

**SUNDAY
JAN 13, 2019
10AM-4PM**

Scaphella jamaica (Lamarck, 1804)
Florida - Gulf of Mexico

EMMA LOU OLSON CIVIC CENTER 954-786-4111
1801 NE 6TH STREET • POMPANO BEACH, FLORIDA 33061

TIME TO RENEW!

It's time to renew your membership for 2019!

Membership forms are available in the January newsletter, and also at club meetings.

Online membership signup and renewal is now available on the club website under the About menu.

Please remember that for 2019 and beyond, we are asking members to print their own newsletters. If you require a printed copy to be mailed to you, the new cost is \$40/year, which is closer to the actual cost to the club. If this poses a hardship for you, please contact Barbara Ringhiser or Laura Phillips.



www.gmspb.org

South Florida Science Center

DINOSAUR INVASION!



Dinosaurs are returning to the South Florida Science Center, even bigger than before! Journey back millions of years and experience the largest exhibit we've ever had during this indoor and outdoor expedition. See how you size up against life-size animatronic Triceratops, Raptors, Tyrannosaurus Rex, and even the giant Spinosaurus! Click [here](#) to view the exhibit video.

With a scale unmatched in animatronic dinosaur exhibitions, this exhibition features some of the world's most unique and recently discovered dinosaurs. While experiencing scientifically accurate and exhilarating dinosaurs, visitors to Dinosaur Invasion will make a trek through the largest exhibit the South Florida Science Center has ever hosted. Visit every continent in order to discover what dinosaurs lived there and how they arrived. Along the way, learn about tectonic plates, geological formations, the latest paleontological research, and interact with actual fossils and a dig pit.

Until 4/21/19

Adults \$17.95 * Seniors (60+) \$15.95 * Children 3-12 \$13.95

<https://www.sfsciencecenter.org/dinosaur-invasion>

TY PARK Tri-Club Picnic and Rock Swap & Sale

Sunday, January 27, 2019 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.*



SFMS Federation Week

William Holland

June 9th, 2019 – June 14th, 2019

For more information go to www.sfmsworkshops.org we will be updating the website soon to include registration and payment but for now you can mail your registration form and \$50 Deposit to:

SFMS Workshops
 c/o Warren Ratcliff, WH Registrar
 420 S. Oak Ave
 Bartow, FL 33830
 (Make check payable to SFMS Workshops)

Warren (Teddy) Ratcliff, WH Registrar
Warren.Registrar@yahoo.com (941) 545-4728
 Kristine Robertson, WH Director
Kristine@kmarella.com, (863) 640 - 2887



Class/Instructor	Brief Description (Website contains full description and instructor bios)			
Casting with Bill Harr	This class will teach silver casting for beginner and intermediate silversmithing. The emphasis will be on production centrifugal casting, meaning techniques for high reliability. The class will teach centrifugal and vacuum casting, wax modeling, sprueing, investing, burnout, casting, finishing and polishing, rubber mold making and wax injection.			
	Prerequisites:	none		
	Lab Fees:	\$100	Material Fees:	est. \$100

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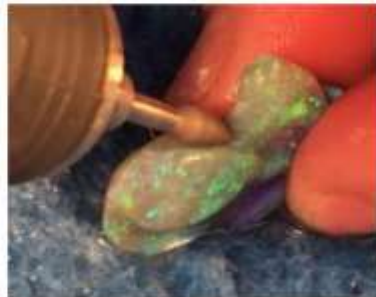
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Loop n Loop with Chuck Bruce	In this class, students will learn how to coil, form, cut and fuse/solder fine or sterling silver rings, to make loops, then form and weave the loops to make simple and complex chains. We will explore 4 different patterns - Roman Fold-over, Single Fold-over(Foxtail), Double Fold-over (Foxtail) and Sailors Knot, students should be able finish a bracelet and pair of earrings in each.			
	Prerequisites:	Previous Silver I Class skills are helpful, but not required.		
	Lab Fees:	\$150	Material Fees:	est. \$100 - \$300
Silver II - Fused with Dale Koebnick	Metal techniques learned in this class will include fusing silver on silver, gold on fine silver (keum-boo technique), and fusing copper and/or brass on silver. Students will use sheet, scrap and 23.5k keum boo gold to create fused sheets to be made into jewelry and jewelry components.			
	Prerequisites:	Silver I		
	Lab Fees:	\$100	Material Fees:	Est. \$250
Metal Manipulation/Cold Connections with Debora Mauser	Take your jewelry creations to a new level with cold connections including riveting, tab setting and layered rivets. This class will also teach several ways to manipulate metal. We will use colored pencils, different patinas, and etching. We will color titanium by anodizing and torch as well as use a hydraulic press to form a dimension piece of copper.			
	Prerequisites:	none		
	Lab Fees:	\$180	Material Fees:	Included in Class Fee
Wire II - Bracelets Only with Gene Sheridan	This class will be making Bracelets only. We will make bracelets using pattern wire, half round wire, square wire, twisted square wire, and round wire that is twisted together and then is flattened by running it through a rolling mill.			
	Prerequisites:	Wire I with about 6 months of practice at home.		
	Lab Fees:	\$40	Material Fees:	est. \$300 - \$400
Silver-Wear I and II with Jan and Keith Stephens	Combination Silver-Wear I and Silver-Wear II for those who have taken Silver-Wear I and are ready to move on. In Silver-Wear I, students will recycle vintage Silver plated flatware into beautiful Silver-Wear jewelry. For Silver-Wear II, building on the skills learned in Silver-Wear I, this class will take the student further in creative design and embellishment including shaping, stone capturing, and other artful enhancements.			
	Prerequisites:	Silver-Wear I: none Silver-Wear II: Silver-Wear I		
	Lab Fees:	\$195	Material Fees:	est. \$0
Electro Etching / Wood Inlay with Micah Kirby	Class will combine two techniques of Electro Etching and Wood Inlay to bring beautiful and unique design elements to Inlay jewelry.			
	Prerequisites:	Intermediate Solder Level		
	Lab Fees:	\$175	Material Fees:	est. \$0

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Silver I with Vickie Prillaman	This class will cover the proper use of basic tools and some of the alternative tools used in making jewelry. Students will learn to solder using an acetylene torch, how to saw, file, and polish properly, just to cover a few of the things we will be discussing and practicing.			
	Prerequisites:	None		
	Lab Fees:	\$120	Material Fees:	est. \$180 - \$250
Cabochons I with Paul Roberts	All the basic techniques for trimming a slab into a preform, then grinding and shaping, sanding and polishing that preform until you have a sparkling cabochon ready for mounting will be discussed and/or demonstrated. Safety issues, machine maintenance, sealing and stabilizing fractured or pitted stones will be covered as well as dealing with toxic material.			
	Prerequisites:	None		
	Lab Fees:	\$35	Material Fees:	est. \$0 - \$100
Opals II - Carving with Cheryl Kasper	Combination of Opals 2 & 3, this class will focus on the unique characteristics of opal rough from Lightning Ridge, Australia and introduce you to carving this wonderful stone. Class fee will include practice carving material, as well as a student guide and all supplies needed for class. Students will use the instructor's equipment. Higher grade opal rough will be available for purchase.			
	Prerequisites:	Opals 1		
	Lab Fees:	\$100	Material Fees:	est. \$100 - \$300 (optional)
Beading with Dot Kasper	In this class we will be working with natural gemstone beads, freshwater pearls, crystal and other glass beads accented with sterling silver, 14k gold filled, copper, pewter, and other metals and materials. We will learn the basics of bead stringing including knotting between beads using silk thread, different methods of closure and also stringing necklaces with flexible wire and crimps.			
	Prerequisites:	none		
	Lab Fees:	\$0	Material Fees:	est. \$100 - \$200



Gem and Mineral Society of the Palm Beaches, Inc. Membership Application

Check ONE Only: *

- ___ \$20.00 - Individual Membership - Any single adult 18 years of age or older
___ \$30.00 - Family Membership - Two adults, all minor children & students up to age 21 in household.
___ \$10.00 - Junior Membership - A child under the age of 18 joining with the permission of a parent or guardian.

Check ONE Only:

- ___ New Membership
___ Renewal Membership

Please provide us with your name(s), address, telephone number and email address (if you have one). We need a mailing address and telephone number for contact purposes. Any information provided will be kept private and secure and will not be shared with any outside persons, organizations or entities. Members information may be published in the annual Society Roster for the sole distribution to other Society members.

NAME: _____ Month & Day of Birth: _____

SPOUSE OR PARTNER: _____ Month & Day of Birth: _____

ADDRESS _____

CITY, STATE ZIP _____

HOME PHONE _____ CELL PHONE _____

SPOUSE'S PHONE _____ CELL PHONE _____

EMAIL ADDRESS _____

SPOUSE'S EMAIL _____

Family Membership additional names (year of birth required for children under the age of 18)

CHILD'S NAME _____ mm/dd/yyyy of Birth _____

CHILD'S NAME _____ mm/dd/yyyy of Birth _____

CHILD'S NAME _____ mm/dd/yyyy of Birth _____

CHILD'S NAME _____ mm/dd/yyyy of Birth _____

(Minor's Information required so that we may include them for Eastern Federation Dues and third-party liability insurance).

By signing below, I hereby submit my application for membership into the Gem and Mineral Society of the Palm Beaches. Signature _____ Date: _____

Amt. Enclosed: _____	
<input type="checkbox"/> Cash	<input type="checkbox"/> Check
Check # _____	

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 - 9:00pm, 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.

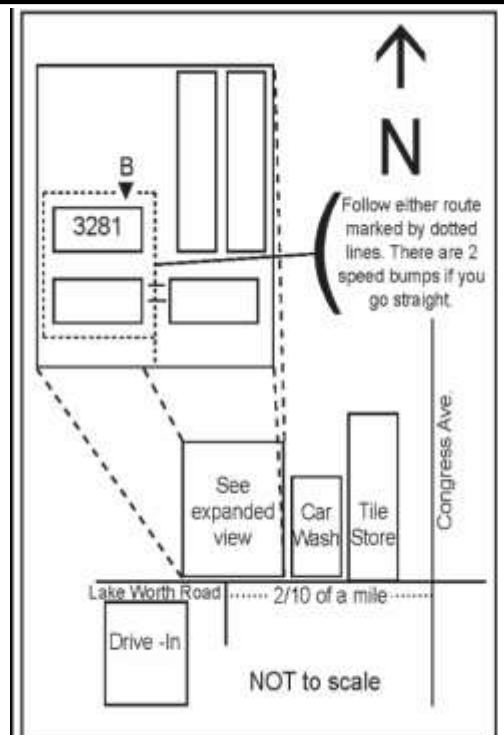
Shop Report

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



JANUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 BOARD MEETING 7:30 PM	3 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	4 Open Shop** 6-9 PM General Work Susan 561/293-1298	5
6	7 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	8	9	10 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	11 Open Shop** 6-9 PM PINELLAS GEM SHOW	12 PINELLAS GEM SHOW BROWARD SHELL SHOW
13 PINELLAS GEM SHOW BROWARD SHELL SHOW	14 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	15	16	17 Open Shop** 12:30-3:30 PM MEMBERSHIP MEETING 7:30 PM	18 Open Shop** 6-9 PM General Work Susan 561/293-1298	19 TOMAKA GEM SHOW
20 TOMAKA GEM SHOW	21 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	22	23	24 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	25 Open Shop** 6-9 PM General Work Susan 561/293-1298	26
27 TRI-COUNTY PICNIC AT TY PARK 10 AM-4PM	28 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	29	30	31 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292		

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.



Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 Open Shop** 6-9 PM General Work Susan 561/293-1298	2 CENTRAL BREVARD GEM SHOW
3 CENTRAL BREVARD GEM SHOW	4 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	5	6 BOARD MEETING 7:30 PM	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	13	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 TREASURE COAST GEM SHOW
17 TREASURE COAST GEM SHOW	18 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	19	20	21 Open Shop** 12:30-3:30 PM MEMBERSHIP MEETING 7:30 PM	22 Open Shop** 6-9 PM General Work Susan 561/293-1298	23 IMPERIAL BONE VALLEY GEM SHOW
24	25 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	26	27	28 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	Open Shop** 6-9 PM General Work Susan 561/293-1298	

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.

AVAILABLE CLASSES

CLASS	INSTRUCTOR	COST	DATE/TIME/NOTES
◇ 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.
Cabochon sessions Six 3-hr sessions	Susan Cairl 561/293-1298	\$75 + \$20 materials fee	Contact instructor to arrange.
Cold Connections Class Series: ◇ 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.
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.
Gem Tree	Dianna Ray 561/707-6753	TBD	Contact instructor to arrange.
Metalsmithing: ◇ Alien Prong Ring	Arlene Lazzaro 516/810-3495	\$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

2018 OFFICERS

President*	Laura Simmons	407/234-0444
1st Vice President*	Dianna Ray	561/707-6753
2nd Vice President*	Barbara Ringhiser	561/379-4307
Secretary*	Clara Pflueger	201/566-6492
Treasurer*	Jenny Wright	561/634-1427

2018 DIRECTORS

Head Shop Steward*	Susan Cairl	561/293-1298
Membership*	David Taylor	561/644-1888
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	Barbara Ringhiser	561/379-4307
Raffle Coordinator	Lo Rain Dudley	561/827-5793
Refreshments	Arlene Lazzaro	516/810-3495
Sunshine Committee	Lo Rain Dudley	561/827-5793
Social Events	Debi Kachman	561/793-6777
Webmaster	Richard Tracey	561/318-6891

*Denotes a Voting Member of the Executive Committee.

WEBSITE

www.gemandmineralsociety.org or www.gmspb.org

Club Email Addresses

membership@gmspb.org

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president@gmspb.org

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vendorinfo@gmspb.org

webmaster@gmspb.org

Link to our smile.amazon.com account:

[http://smile.amazon.com/ch/59-6196330](https://smile.amazon.com/ch/59-6196330)

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