



The Rockhound

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

www.gemandmineralsociety.org
June 2019 Volume 52 Issue 9

President's Message

Hello Rockhounds!

Greetings everyone! It has been a busy month here, and I look forward to telling everyone about our Hogg Mine Field Trip (thanks again to Shir-lee Rosenberg for her trip-planning efforts!), and the EFMLS Annual Conference, at the General Meeting. In the meantime, I have some important administrative announcements to pass on:

Firstly, two items regarding the newsletter - we will be doing a "Summer Edition" this year, covering the months of July and August. We had done this in past years, I am told, and during our slow(er) season, it gives all of us (and especially our hard-working Editor, Laura Phillips) a chance to breathe a bit. The second item is that we will be bringing our "Rockhound of the Month" feature to an end, as submissions have been dwindling. If you have a Rock' hound' that you would like to be featured before we wrap it up, please send a photo (or photos) and information to Laura Phillips by the end of this month. The replacement feature is a work in progress, but we are discussing a member's showcase, where we feature something hobby-related submitted by a different member each month: something they create, their favorite specimen, a great collection destination, etc.

Lastly, we are working on our printed Membership Roster. Traditionally, this has included contact information for each of our current members (name, mailing address, phone number(s), and email address(es)), as well as Club-related documents such as our bylaws. However, with today's need for caution regarding information security and identity theft, we want to give you the opportunity to "opt-out" of publishing some or all of your information. The roster will only be provided to 2019 paid members, in printed form (not distributed or posted electronically), and we encourage you to leave in as much information as you are willing to share with your fellow members. If you do wish to have some or all of your information withheld, please submit your request to our Membership Coordinator, David Taylor, via email at membership@gmspb.org, or in person at the general meeting. As we need to get started on the printing process, opt-out requests will be accepted until June 30th, 2019. Otherwise, information provided as a part of your membership application will remain available to the club officers, for use in conducting club business.

See you at the meeting!

— Laura Simmons, President

Membership Meeting

Thursday, June 20
at 7:30 pm

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

June Program: Reports from the Field

Find out what our members have been doing this summer!

- ♦ Hogg Mine field trip in May—see their finds of beryl, quartz, and other minerals.
- ♦ Laura Simmons's trip to Sterling Hill Mine in NJ, which has a major deposit of fluorescent minerals.
- ♦ Several members' search for gold in Alabama.

You'll be inspired to dig after this program!

May we have many more exciting field trips in the future!

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JUNE

Birthstones: Alexandrite, Moonstone, and Pearl

Alexandrite was discovered in the first part of the 1800's in the Ural Mountains and was named after Czar Alexander II.

Alexandrite is known as emerald by day and ruby at night or green in sunlight and red in incandescent light.

The range of color change varies from a little to complete.

Alexandrite is rare and expensive. Stones with high quality in the 4C's and high color change sell for \$2500-15,000/carats for sizes up to 1 carat.

Above 1 carat prices increase to \$70,000/carats.

The color change has more effect on the price than the clarity. Opaque alexandrite is used to make cabochons some of which can also be very expensive if they show good color change.

Synthetic alexandrite is also available which sells for about \$100/carats. The 26.75 carat stone



26.75 Carat Alexandrite



Moonstone courtesy of Didier Descouens
<https://creativecommons.org/licenses/by-sa/4.0>

shown is courtesy of: en.wikipedia [CC BY-SA 3.0 (<http://creativecommons.org/licenses/by-sa/3.0/>)]

Moonstone, unlike alexandrite has been known since ancient times. It was known to the Greeks, Romans and ancient Hindus. In

Hindu mythology the moonstone was made from moonbeams. Today adularia moonstone is mined in Burma, India, Madagascar and Sri Lanka while albite moonstone is mined in Canada. Adularia

refers to the feldspar that is primarily the potassium salt while albite is primarily the sodium salt. The adularia provides the better moonstones. Most moonstones tend to be small at about 1-5 carats. Moonstones at 15 carats and above are rare

and very expensive. The moonstone which does not occur in Florida, became the official gemstone of Florida in honor of the moon landings.



Pearl is the third birthstone for June. Pearls have been known since before written history but it is believed they were discovered by people searching for food near the waters edge. Pearls were known in China as far back as 2300 BCE. Pearls were also worn by the Romans and Egyptians. Pearls were important to the Arabs because of the large number of oyster beds in the Persian Gulf. The Gulf was the center of the pearl trade until the advent of cultured pearls.

Today most pearls are cultured and natural pearls are rare and expensive. Auction house sales of natural pearl necklaces and other jewelry are going in the millions of dollars now.

References:

<https://www.gemsociety.org/article/alexandrite-jewelry-and-gemstone-information/>
<http://www.ereferencedesk.com/resources/state-gemstone/florida.html>
<https://www.gia.edu/moonstone-history-lore>
<https://www.jewelryshoppingguide.com/moonstone-buyers-guide/>
<https://www.romadesignerjewelry.com/blogs/education/the-history-of-gemstones-what-is-moonstone>
<https://www.pbs.org/wgbh/nova/article/history-pearls/>
<http://www.thejewelleryeditor.com/jewellery/article/history-of-pearls-pearl-jewellery-rings-earrings-necklaces/>
<http://www.thejewelleryeditor.com/jewellery/article/natural-pearl-necklaces-earrings-dominate-jewellery-auctions/>

-Article compiled by Richard Tracey



Member Highlight: Debbie Kashdan

If you've been in the Club for a few years, you may already know Debbie Kashdan. She has been very active in the Club in recent years, and currently holds occasional Saturday classes on specific topics, such as making hinges, and perhaps soon, a class on sawing skills.

Her interest in gems and jewelry making is relatively recent. Eight or ten years ago, she took silversmithing and cabbing classes with Don Dietz at the Boca Museum of Art, and found that she absolutely loved it. Shortly thereafter, she joined our Club.

Her professional background is not, however, in the creative arts. Until she retired, she was a Physicians Assistant, and she enjoyed having jewelry crafts as a creative outlet. She also played the cello and the flute in community orchestras.

Debbie continued taking classes at the shop, including Harriet Flashenburg's glass class, and Arlene Lazzaro's foldforming class. Classes at Wildacres and William Holland rounded out her skills, and she now has a nearly complete shop at her home. She comes to the shop occasionally for inspiration and camaraderie with other artisans. She enjoys sharing her skills by holding occasional classes at the Shop, and has several more in the planning stages.

While Debbie retired in 2012, she still works part-time at an art gallery you may be familiar with—Artisans on the Ave in Lake Worth. So if you're in the neighborhood, stop by and say hello to her!

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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FIELD TRIP TO HOGG MINE



Front Row, Left to Right: Club Members David & Cindi Taylor, Anthony Leong and Family. Back Row, Left to Right: Hogg Mine Guide: Kelly Haskull, Club Members Winsome Rainford, Laura Simmons, Shir-Lee Rosenberg, Field Trip Organizer, Chris Painter, Hogg Mine Proprietor, Club Members Amber Lawson Griggs, Dori Lawson, and Lo Rain Dudley.

I want to thank everyone in the picture and all others that attended who helped make such a great successful field trip for all! Two days of digging bliss!

Buckets and buckets of Rose Quartz, Clear Quartz, Smoky Quartz, Aquamarine Beryl, and congratulations to those that found Aqua. A big find was a Huge Rose Quartz, extremely clear and of facetable material, and worth a nice sum of money!!! And not for sale!!!

Everyone dug to their best ability. Some created small caves where others dug along the side banks. Some brought home rocks that were so large that they required extra care and extra help to get them out.

FIELD TRIP (continued)

This is where the guides really helped. They not only helped to dig, identify and educate us on Hogg Mine, but their goal was, if we wanted it, they would help us get it.

The guides were instrumental in our club having such a great time and successful dig!!!

Again thank you so much for attending. Spread the word and hopefully I can organize another successful field trip in the fall to Hogg Mine. If you have any questions or would like to attend please reach out to me at anytime.

*Shir-Lee Rosenberg
561-543-1181*



Mixing Rockhounding and building engineering... Amazing!

<https://www.facebook.com/Quartzsitehappenings/photos/a.960540520671056/2660263117365446/?>

The Mohs Hardness Scale is used as a convenient way to help identify minerals. A mineral's hardness is a measure of its relative resistance to scratching, measured by scratching the mineral against another substance of known hardness on the Mohs Hardness Scale. This graphic outlines the index minerals and some common objects that are used to determine a mineral's hardness.

This method is especially useful for identifying minerals in the field because you can test minerals against some very common objects (fingernail, a penny, a nail). The scale is named for its creator, the German geologist and mineralogist Friedrich Mohs. However, the method of comparing hardness has been used as far back as 300 BC, as mentioned by Theophrastus in his treatise *On Stones*.

<https://www.nps.gov/articles/mohs-hardness-scale.htm>

Mohs Hardness Scale		
Mineral Name	Scale Number	Common Object
Diamond	10	
Corundum	9	Masonry Drill Bit (8.5)
Topaz	8	Steel Nail (6.5)
Quartz	7	Knife/Glass Plate (5.5)
Orthoclase	6	
Apatite	5	
Fluorite	4	Copper Penny (3.5)
Calcite	3	
Gypsum	2	Fingernail (2.5)
Talc	1	

Increasing Hardness

COMING UP: SHELL CRAFTING FOR THE CLUB

Would you enjoy assembling various seaside found objects like coral and shells into objects d'art? Join us on an upcoming Saturday afternoon at the shop.

We'll get together to enjoy each other's creativity and artistic vision, and also provide the club with items we can use at the club's discretion—perhaps as a spinning wheel prize or raffle item at the November show.

There will be no charge for the class, and no charge for materials, but there will be a \$5 shop use fee. The club will provide Apple Snail shells, mussel shells, feathers, small pieces of hard white coral, rough black coral, colored pencils, sealant, glass gems, tumbled rocks and whatever else catches Clara Pfleuger's eye as she's packing up. You are encouraged to bring any of your own embellishments and hot glue guns too. If you love your creation too much to donate it to the club, you may make a cash donation to the club in lieu, of whatever amount you deem appropriate.

Please sign up at the general meeting if you're interested. The date will be determined ASAP.

Examples of things that can be made from sea shells are shown below, but let your imagination run wild!



Q: Did you hear the one about
the geologist?

A: He took his wife for
granite so she left him.

source: [http://www.jokes4us.com/
miscellaneousjokes/schooljokes/
geologyjokes.html](http://www.jokes4us.com/miscellaneousjokes/schooljokes/geologyjokes.html)



Don Chenoweth
Laurie forman
Benjamin Johnson
Tami Levy
Stephanie rosicci
Bruce sirkus
Randy Sol omon
Donna Sypniewski
Cindy tayl or

*"Our age is merely the number of years
the world has been enjoying us."*

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Exit I-95 at 6th Ave. South and go East
Take a Left at South F St. [at the blue Kwik Stop Store]
Turn Right on 3rd Ave. S. to our large parking lot [Enter
in Rear]

**Our Normal Hours: Tuesday-
Saturday 10am-5pm**



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ROCKHOUND of the MONTH

Sadie!

Little Sadie is, sadly, no longer with us. She was an adorable, affectionate but spunky, little



Lionhead rabbit who lived with Laura Phillips, your newsletter editor, for several years until she succumbed to injuries incurred when she was a baby.

You see, Sadie was “for sale” in a pet store, where some careless customer picked her up and dropped her on the floor, and apparently left the store without telling anyone. An employee found her and called the rabbit rescue, who Laura volunteered for. Laura picked her up from the store, took her to the vet, and cared for her the rest of her life. Some kind soul donated an appropriate size wheelchair so Sadie could be mobile. She was very sweet, and they became good friends.

Why are we featuring a pet that is no longer alive? Because month after month, we struggle to find a pet to feature.

Do you enjoy this column in the newsletter? If so, please make your thoughts known to a board member. Better yet, send a picture or two of your trusty non-human rockhounding buddy, along with a few sentences about him or her, to the newsletter editor at laurajeanphillips@gmail.com, or send via text message to 561.523.3594.

Where to Find Fossils in Florida

GAINESVILLE: Find fossil sharks teeth by sifting through the sand of the small creeks that run through the city. Hogtown Creek and Possum creek are popular sites, especially where they cross 8th Avenue.

JACKSONVILLE BEACH: Atlantic storms regularly turn up fossilized tiger shark teeth, as well as the fossilized bones of horses and giant ground sloths. The most productive area is south of Jacksonville Beach at Mickler Landing, just north of Guana River State Park.

VENICE BEACH: Just offshore from Venice beach is a Pleistocene boneyard, a huge deposit of fossil bones and teeth from ancient mammals and giant sharks. The adventurous can rent scuba gear and dive down to the deposit to get first pick – or, you can snorkel parallel to the shore about ten feet from the edge of the water and look for fossils on the bottom.

PEACE RIVER: The Peace River flows through a large area rich in fossils. In the winter dry season - November to June – the river is usually shallow and clear, and the sand and gravel bottom is easy to search by wading or snorkeling.

GARDNER: The boat ramp at Gardner is one of the best places for fossil hunting if you don't have a boat. In the dry season, (Dec-May) the water is shallow and clear and you can walk in at the ramp and wade up stream and hunt as you walk.

SHELL CREEK: A tributary of the Peace River, Shell Creek has it all. Shark teeth, fossilized shells, Paleo-Indian arrowheads and spear points – this creek can turn up anything. It is best to have a small boat or rent a canoe that way you can access the shallow areas and banks.

Condensed from <http://www.wildflorida.com/Activities/Fossils.php> where you can find a lot more information about these fossil hunting spots!

Bench Tip #4: How To Adjust Earring Backs

by GIA's Jewelry Manufacturing Arts Instructors

There are many types of backs available to hold earrings securely in place. Clutch, friction or butterfly backs are discs with curled-up tabs that oppose one another, acting as springs that pinch the ear post. The post has notches on it that function as stops so the clutch backs can hold the earring in place. Adjusting the tension of these springs so the earrings fit comfortably and securely is a routine service task for the bench jeweler.

Loosening the tension in the curled springs reduces the friction on the post but makes the catch less distinct, posing a very real risk of losing the earring. Tightening the curled springs, on the other hand, increases the friction on the post and gives the catch a better connection. But this can make it uncomfortable, even painful, for your customer to put on and take off the earrings.

Simply deepening the grooves on the ear post also has limitations, because the post is weakened without a noticeable effect on the catch. The curled springs bridge the notches, leaving a barely noticeable stop.

Here is a better way to tighten earring springs. First, you need to make the curvature of the springs smaller at the point of contact with the post. This allows the curls to sink deeper into the notches and create a more secure catch. Mark this point of contact on the outside thickness of the clutch back with a marker. Next, open the curled springs to the point where they can be grasped with the appropriate pair of pliers and give each

spring a little extra curl at the mark you made. Then restore the original curvature to the remainder of the spring, adjusting for the desired tension as you go. In many cases, this sufficiently enhances the hold of the catch.

This may not be tight enough for some, so use a 1.0 to 1.3 mm ball burr to make miniscule indents in the curled springs of the clutch back. This will enable them to sink even deeper into the ear post notches and make the catch considerably more pronounced. Working from the top of the clutch back, simultaneously rest the ball burr on both springs as you cut a tiny indent dead center. Repeat this step from below the connection with the ear post. You will likely have to pinch the



A close-up of the earring post and back shows how the back catches in the grooves of the post.

shaft of the burr between the curled springs and pull back on the burr to avoid excessive widening of the hole in the disc.

Bear in mind that commercially available clutch backs can be less than 0.2 mm thick, so it takes little to burr right through them. But very small indents can

create secure stops that are safer than even the strongest possible tension between the curled springs. If properly positioned, these indents should stabilize the position of the clutch back on the post.

Reprinted from [gia.edu](https://www.gia.edu) (URL below).

WATCH THE VIDEO [HERE: https://www.gia.edu/bench-tip-how-to-adjust-earring-back](https://www.gia.edu/bench-tip-how-to-adjust-earring-back)

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

June 21 – 23, Gastonia, NC: **Gem Show.** Gaston VFW Absher-Flowers Post 9337, 3250 W Franklin Blvd, Gastonia, NC 28052. FREE Admittance. Minerals and fossils from around the world. Cutting material, Quality Gemstones, Wire wrapping, settings, Geodes, Jewelry, etc. www.facebook.com/groups/gastongems or machine66man@gmail.com for more information.

June 22-23, Pompano Beach, FL: **INTERGALACTIC BEAD SHOW.** 1801 N.E. 6th St., Pompano Beach, FL 33411. Sat, Sun 10-5. \$5 admission. Gemstones, elaborate findings, pendants and more. More information and \$2 off admission at beadshows.com.

August 3-4, Ft Lauderdale, FL: **BEAD MERCANTILE.** Courtyard by Marriott Fort Lauderdale North/Cypress Creek. Sat 10-5; Sun 10-4. Jewelry, beads, beading supplies, findings, pearls, silver, designer cabochons, tools, jewelry cleaner, Diamonds, Beads, Pearls, Opals, Fine Jewelry, Precious & Semi-Precious Gemstones, and much more.

August 12, Greenville, SC: **WESCAGEM (Western Carolina Gem and Mineral Show) 2nd Annual Gem and Mineral Silent Auction.** Viewing 7:00 pm. Auction 7:30 pm. No further information available.

Looking to travel to one of the top gem and mineral shows in the USA? Check out the list here: http://www.geologyin.com/p/with-literally-hundreds-of-places.html?fbclid=IwARxz2gxau0VV3YwuiaDwjzIKxMhEn_OORxz2gxau0VV3YwuiaDwjzIKxMOx8NOYG0#bcTfcb7ksLdJi1q.99

Remember this when you're outside digging for rocks. It's Florida and it's summer.

HEAT-RELATED ILLNESSES

WHAT TO LOOK FOR

WHAT TO DO

HEAT STROKE

- High body temperature (103°F or higher)
- Hot, red, dry, or damp skin
- Fast, strong pulse
- Headache
- Dizziness
- Nausea
- Confusion
- Losing consciousness (passing out)

- Call 911 right away-heat stroke is a medical emergency
- Move the person to a cooler place
- Help lower the person's temperature with cool cloths or a cool bath
- Do not give the person anything to drink

HEAT EXHAUSTION

- Heavy sweating
- Cold, pale, and clammy skin
- Fast, weak pulse
- Nausea or vomiting
- Muscle cramps
- Tiredness or weakness
- Dizziness
- Headache
- Fainting (passing out)

- Move to a cool place
 - Loosen your clothes
 - Put cool, wet cloths on your body or take a cool bath
 - Sip water
- Get medical help right away if:**
- You are throwing up
 - Your symptoms get worse
 - Your symptoms last longer than 1 hour

HEAT CRAMPS

- Heavy sweating during intense exercise
- Muscle pain or spasms

- Stop physical activity and move to a cool place
- Drink water or a sports drink
- Wait for cramps to go away before you do any more physical activity

- Get medical help right away if:**
- Cramps last longer than 1 hour
 - You're on a low-sodium diet
 - You have heart problems

SUNBURN

- Painful, red, and warm skin
- Blisters on the skin

- Stay out of the sun until your sunburn heals
- Put cool cloths on sunburned areas or take a cool bath
- Put moisturizing lotion on sunburned areas
- Do not break blisters

HEAT RASH

- Red clusters of small blisters that look like pimples on the skin (usually on the neck, chest, groin, or in elbow creases)

- Stay in a cool, dry place
- Keep the rash dry
- Use powder (like baby powder) to soothe the rash



BE SAFE!

WHERE CAN YOU FIND EMERALD CRYSTALS IN THE USA?

Emerald is a gemstone and a variety of the mineral beryl. Beryl is a rare mineral with a chemical composition of $\text{Be}_3\text{Al}_2(\text{SiO}_3)_6$. It is rare because beryllium is an element that occurs in very small amounts in the Earth's crust.

Even though the conditions for the formation of emerald are very unlikely, the gem has been found in a diversity of rock types. Many of the world's emerald deposits have formed in areas of contact metamorphism. A granitic magma can serve as a source of beryllium, and nearby carbonaceous schist or gneiss can serve as a source of chromium or vanadium.

The emeralds usually form in the schist or gneiss or in the margins of a nearby pegmatite. Mafic and ultramafic rocks can also serve as sources for chromium or vanadium. Emeralds are rarely mined from alluvial deposits. Emerald is usually a fractured stone that does not have the alluvial durability to persist great distances from its source.

Very few emeralds are mined in the United States. North Carolina has been a sporadic producer of emeralds in small quantities from a few tiny mines since the late 1800s.

Here are some places where you can dig some emerald yourself in The USA:

Crabtree Emerald Mine, North Carolina

The Crabtree pegmatite is a beryl (emerald, green beryl, aquamarine and yellow beryl) and tourmaline-bearing granitic pegmatite. Emerald and green beryl occurs in the biotite and chlorite selvage and the pegmatite margin. Aquamarine and yellow beryl occurs in the pegmatite core. Fees and Info.

Address: 1449 Emerald Mine Rd, Spruce Pine, NC 28777

Hiddenite Gem Mines, North Carolina

Famously popular, Hiddenite Gem Mines is known for the discovery of some of the largest gems in the world. Comprised of several mines, Hiddenite Gem Mine's

group includes Emerald Hollow Mine—which is open for public mining—Adams Mine and NAEM (North American Emerald Mine). At this Great Smoky Mountain-area mine in Franklin, North Carolina, about 60 miles southwest of Blowing Rock, you might find rubies, sapphires, garnets, and rutile. Your admission fee gets you two buckets, a



screen box, and a seat cushion, which you use at the flume line. For a dollar extra, you can get a shade umbrella. Admission: \$15 for ages 12 and up, \$10 for kids 6 to 11; free for ages 5

Address: 484 Emerald Hollow Mine Dr, Hiddenite, NC 28636

Gold 'N Gem Grubbin', Georgia

Gold n Gem Grubbin began in Cleveland, Georgia in 1984. It started as a commercial gold mine

and opened to the public in 1984. We have happily served the public since with an old fashioned philosophy...customer service! You can Find Gold, Gemstones (Rubies, Emeralds, Sapphires, Amethyst, Garnets). Fees and Info.

Address: 75 Gold Nugget Ln, Cleveland, GA 30528

Old Mine Plaza construction site, Long Hill, Trumbull, Connecticut

A well-known construction site locality bordering the NW side of Old Mine Park (Hubbard) Tungsten Mine, both sites have a mineral assemblage unique to the state. Cross-cutting veins contain the same muscovite-topaz-fluorite var. chlorophane-quartz assemblage found in the surrounding area. Light green beryl was also found in small granite pegmatite stringers less than 7 cm wide.

Other Places:

Oreana Tungsten mine, Rye Patch District, Pershing Co., Nevada

Fontana Reservoir Beryl Deposit, Swain Co., North Carolina

Makarah Outcrop, Sangre de Cristo Mts, Taos Co., New Mexico

Read more at <http://www.geologyin.com/2017/08/where-can-you-find-emerald-crystals-in.html#oLMMgo5HvMiZsR07.99>

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.

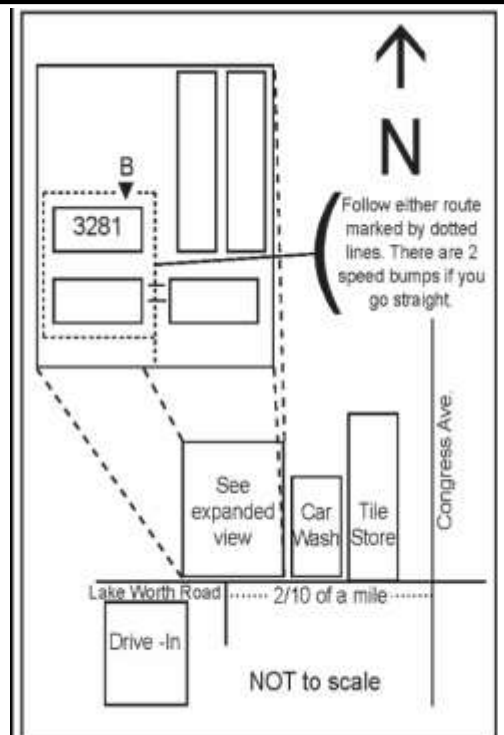
Shop Report

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



JUNE

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5 BOARD MEETING 7:00 PM	6 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	7 Open Shop** 6-9 PM General Work Susan 561/293-1298	8
9	10 SHOW COMMITTEE MEETING 7:30 PM	11	12	13 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	14 Open Shop** 6-9 PM General Work Susan 561/293-1298	15
16	17 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	18	19	20 Open Shop** 12:30-3:30 PM MEMBERSHIP MEETING 7:30 PM	21 Open Shop** 6-9 PM General Work Susan 561/293-1298	22
23	24 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	25	26	27 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	28 Open Shop** 6-9 PM General Work Susan 561/293-1298	29
30						

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.

The Rockhound

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



Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	2	3	4 	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	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	15 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	16	17	18 Open Shop** 12:30-3:30 PM <div style="background-color: red; color: white; padding: 5px; text-align: center;"> MEMBERSHIP MEETING 7:30 PM </div>	19 Open Shop** 6-9 PM General Work Susan 561/293-1298	20
21	22 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	23	24	25 Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	26 Open Shop** 6-9 PM General Work Susan 561/293-1298	27
28	29 Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	30	31	Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	Open Shop** 6-9 PM General Work Susan 561/293-1298	

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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.

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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

2019 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

2019 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
newsletter@gmspb.org
president@gmspb.org
show@gmspb.org
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