



# The Rockhound

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

[www.gemandmineralsociety.org](http://www.gemandmineralsociety.org)  
October 2018 Volume 52 Issue 1

## President's Message

Hello Rockhounds!

There has been an increase in activity the past few weeks by members preparing for our 52nd Annual Gem, Mineral, Jewelry, Bead, and Fossil Show coming next month. Of course, preparations have been ongoing for quite a while but now it's time to get serious!

So, now the kids are back in school and you don't know what to do with all the free time. We might have a suggestion about that! Call or message an officer of the club to volunteer. If you would like to help during the Gem Show, contact Dianna Ray, our amazing Volunteer Coordinator. The volunteer sign-up form can be found in this newsletter, the September Newsletter archived on the website, and at the monthly meeting on September 18. Also, pick up some show coupons at the meeting or at the shop and pass them out to friends, family and coworkers and encourage them come and see what we can do with a rock!

Election of club officers for 2019 will be held at the monthly meeting in December and we still need nominations for some positions. If you want to serve or would like to nominate someone to serve, please contact a member of the nominating committee.

I look forward to seeing all of you at the meeting next week. The presenter for this month will be Darryl Powell, who was inducted into the National Rockhound and Lapidary Hall of Fame! Refreshments for this meeting will be "potluck" so bring something to share. And if you've found some interesting lapidary specimens on your travels this summer, please think about bringing them in for a future presentation.

— Lee Miller, President

## Membership Meeting

Thursday, October 18  
at 7:30 pm

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



**Bring a tasty dish  
to share!**

## October Program: Darryl Powell

Darryl Powell, who was inducted to the National Rockhound & Lapidary Hall of Fame in 2016, for his work in educating kids in the hobby of mineral collecting, will present the October 18th program at our general meeting.

For a number of years he has collected and studied mineral and mineralogy books published in the 1800's. He will show a number of rare and influential mineralogy books from the early years of the United States, as well as from England. He will talk about the histories and importance of a number of these books. The presentation will include a first edition of James Dwight Dana's ground-breaking and highly influential book, *A System of Mineralogy*, as well as a copy of Archibald Bruce's *American Mineralogical Journal* which was owned and signed by the "father of American Mineralogy," Parker Cleaveland. The books will be able to be viewed by those attending (though handling the books will not be allowed.)

## Junior Rockhounds

This month our Junior Rockhounds will join in the adults.





## Birthstone: Opal

Opal has a long history. Archaeologists suggest that Opal was mined 10,000 years ago in North America. In recorded history it was worn by the ancient Greeks and Romans. Since around 1900



Photo by Aramgutang: <https://commons.wikimedia.org/File:OpalBanded.jpg>

Australia has been supplying gemstone opal and is now supplying about 95% of the opal and the quality is superior to that of other sources. The name opal comes from the Latin "opalus" which means "precious stone" and the Sanskrit "upla".

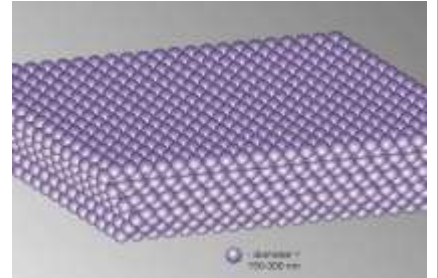
Most opal is cut and polished to form cabochons. Opal has a high water content and is sensitive to heat. It also is susceptible to scratching because it has a hardness of 5.5-6.5 on the Mohs scale. Opals are often thin and backed by a layer of dark material which helps with the "play of color" which is an optical effect resulting in flashes of colored light as the opals are moved in white light. These backed opals are referred to as doublets. Opals are also formed into triplets in which the opal has a dark backing and a quartz cover to help with scratching. Triplets are not considered precious because the opal is only paper thin.



Fire Opal: [https://en.wikipedia.org/wiki/File:Cooper\\_Pedy\\_Opal\\_2.jpg](https://en.wikipedia.org/wiki/File:Cooper_Pedy_Opal_2.jpg)

Gemstone quality opal is hydrated silica

containing 6% to 10% water. Opal is formed when silicate rich water fills cavities and precipitates at lower temperatures into uniform sized spheres. The opal is an ordered array of these monodisperse spheres with the individual spheres ranging in size from 150 -300nm in size.



The nm refers to nanometer which is 1 billionth of a meter and is so much in the news lately as "Nano Tech". It turns out the visible light has a wavelength of 400-700nm. The opal acts as a diffraction grating (same as a rainbow or a DVD) for the white light and splits into the colors of the rainbow. So in the case of opal the color comes from a different process than for most gemstones.

## Birthstone: Tourmaline

The other birthstone for October is Tourmaline which is a gemstone that comes in many different colors. Tourmalines have been misidentified as emeralds, rubies and sapphires. Tourmaline was not recognized as a distinct mineral until the 1800's. Prior to that tourmaline was used in jewelry but misidentified. Tourmaline has become one of the world's most popular gemstones in jewelry stores, and mineral specimens are very popular with collectors.



Photo by Rob Lavinsky: <https://www.irocks.com>

Tourmaline exists in many colors: black, blue, brown, green, pink, red and yellow. Some tourmaline crystals can be bi-colored. Tourmaline has an unusual effect in that it exhibits the pyroelectric effect

which means that when it is heated or rubbed it picks up an electric charge. When charged it can pick up small pieces of lint or paper.

Tourmaline is a complex aluminum borosilicate containing sodium, aluminum, boron, oxygen, hydrogen and silicon. In addition, other metals can be present which give tourmaline it's many different colors. Some of the other elements possible are: Calcium, Potassium, Lithium, Magnesium, Iron, Manganese, Chromium, Vanadium, Fluorine and others. The International Mineralogical Association has recognized 32 different minerals that are called tourmaline.

**References Opal:**

- <http://earthsky.org/human-world/october-birthstone-opal-tourmaline>
- <https://en.wikipedia.org/wiki/Opal>
- <https://www.macsopals.com/opal-guide/history-opal/>
- <http://www.webexhibits.org/causesofcolor/15F.html>

**References Tourmaline:**

- <http://earthsky.org/human-world/october-birthstone-opal-tourmaline>
- <https://en.wikipedia.org/wiki/Tourmaline>
- <https://geology.com/minerals/tourmaline.shtml>
- <https://www.gia.edu/tourmaline>

-Article compiled by Richard Tracey

**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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- Casandra Stryker

*Growing old is mandatory, but growing up is optional.*



www.istockphoto.com



## Member Highlight:

# Debi Kachman

*This month, the club spotlights focus on Deborah Kachman, who has been with the club for many years. In her own words...*

When I graduated high school in 1972, I found a lapidary shop on Singer Island where I could buy the silver castings, clean them up, and mount cabs. I also bought wire and made a couple of bracelets. Then after about forty years and a few GMSPB shows, I met a coworker's dad (Ron Ketlaar) who hooked me into the club. He took me down for my first TY Picnic. He worked hard for the club and built the flume we still use at the annual show. Because of his example, I always try to demonstrate at our annual show some of what I've learned.



I teach a few classes at the shop, and if anyone is interested, my number is at the bottom of the Classes page in the newsletter for Wire Fan and Wire Sculpture (including wire wrapping). Our general meeting is always informative, and it's so wonderful just talking to so many talented people who have a similar interest!

I took classes from so many of our members and past members, and I can't find my Roster. I'd hate to misspell someone's name. Wire working, silversmithing, kumihimo, cabling, metal working, and copper enameling. I love taking a rock, cutting and polishing it, and finding its inner beauty, then working the silver to make unique jewelry. I took two classes in opal cabling at William Holland with different instructors and learned a lot from both. I loved the experience. It's like an "away camp" for adults!

I went on quite a few digs... in Georgia, South Carolina, North Carolina. But after going to Quartzsite, I figured it was better to buy than dig.

I try to stay involved with GMSPB by going to the Officer meetings, and also, I've been the Social Events Coordinator for five or six years. If you haven't been to our annual Steak Dinner, you don't know what you're missing! Also I'm a past 2nd Vice President. And still a Show committee member, since the Show is the life blood of our club. See you next month at the Show!

# Top Spots For Gem Hunting In The US I

## Top 8 Places to Go Gem Hunting On Your Next Family Vacation

Similar to the therapeutic relaxation of tossing a fishing line or hand-pressing fresh dough, a methodic hunt of natural resources—that is, finding gems—is worth a vacation, too. Consider taking a vacation to one of these geologically rich destinations and you might just find enough gemstones or precious metals to pay for the trip, because you can keep everything you find. You're guaranteed to have a good time looking—even if you come up empty.

### 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 and under. Address: 484 Emerald Hollow Mine Dr, Hiddenite, NC 28636.



### Crater of Diamonds State Park, Arkansas

[The Crater of Diamonds](#) volcanic pipe is part of a 95-million-year-old eroded volcano. The deeply sourced lamproite magma, from the upper mantle, brought the diamonds to the surface. The diamonds had crystallized in the cratonic root of the continent long before and were sampled by the magma as it rose to the surface. For a fee of a few dollars you can enter the mine, search all day and keep any diamonds that you find. In addition to diamonds, you might find one of the many colorful gemstones that occur naturally there. These include: **amethyst, agate, jasper, garnet, peridot, hematite** and many others. Crater of Diamonds State Park is a 911-acre (369 ha) Arkansas state park in Pike County, Arkansas, in the United States. In addition to diamonds, visitors may find semi-precious gems such as amethyst, agate, and jasper or approximately 40 other minerals such as garnet, phlogopite, quartz, baryte, and calcite. Address: 209 State Park Rd, Murfreesboro, AR 71958.

### **Morefield Mine, Amelia, Virginia**

The [Morefield Gem Mine](#) is a unique experience for children and adults alike. The mine is a great introduction to minerals and mineral collecting at a real mine. The mine is a great introduction for anyone, any age, who wants to find rocks, minerals, and gems and learn to identify them. No less that 10 minerals species can be found on any day and with experience, time, and depending on what is being mined underground, more of the almost **80 mineral species** occurring in the Morefield pegmatite can be found. Address: 13400 Butlers Rd, Amelia Court House, VA 23002.

### **Crystal Grove Diamond Mine, St. Johnsville, New York**

New York is home to Broadway shows, plenty of shopping, Times Square, and the Statue of Liberty, but did you know New York is a great place to mine for gemstones? [Crystal Grove Diamond Mine](#) is the place to go to find **Herkimer diamonds**, beautiful quartz crystals that are fun to mine. These crystals were first discovered in New York, and the perfect clarity of some of these stones makes them very popular with gem hunters. Address: 161 Co Rd 114, St Johnsville, NY 13452.

### **Royal Peacock Mine, Virgin Valley, Nevada**

Since 1981, the Royal Peacock Opal Mine has been open to the public as a pay-to-dig mine. It has yielded countless world-class precious opal specimens during that time. Digging isn't cheap, though. They charge \$180 per person per day to dig in the fire-opal-rich bank area and \$75 to dig in the mine dumps and tailings (piles of rock extracted from the mine). Address: 10 Virgin Valley Rd, Denio, NV 89404.

### **Himalaya Mine, Mesa Grande District, California**

The [Himalaya Tourmaline Mine](#) is located near Santa Ysabel, CA at Lake Henshaw in the beautiful Mesa Grande. Visitors can dig at Lake Henshaw Resort where they will dig and screen through ore from the world famous Himalaya Mine. Many minerals can be found including pink and green tourmaline, black tourmaline, quartz crystals, spessertine garnet, lepidolite, clevelandite, and a variety of others. Adult Dig \$75, youth 13 years old to 15 years old half price (\$37.50), children 12 years old and under are free with paying adult. Address: 26142 CA-76, Santa Ysabel, CA 92070.

### **Gold 'N Gem Grubbin' mine, Gold Nugget Ln, Cleveland, Georgia**

It started as a commercial gold mine and opened to the public in 1984. At [Gold n Gem Grubbin](#) you can pan for gold and screen for gemstones in a convenient sluices sitting comfortably under shade trees with a view of our 7 acre lake. The mine's trained staff will teach you the art of gold panning just like the old timers did it! What you may Find **Gold, Gemstones (Rubies, Emeralds, Sapphires, Amethyst, Garnets)**. There is no admission fee, we have free parking and handicap facilities. Address: 75 Gold Nugget Ln, Cleveland, GA 30528.

### **Ron Coleman Mining, Jessieville, Arkansas**

[Ron Coleman Mining](#) has been the premiere destination for hands-on mining and precious gem gifts for nearly 30 years. Families and visitors come from all over the country to see our mine in Jessieville, Arkansas, and to dig their own gems. This mine was and is the most productive quartz mine in Arkansas. It has been producing quartz crystals in large quantities since 1943. Address: 211 Crystal Ridge Ln, Jessieville, AR 71949.

From <http://www.geologyin.com/2016/09/top-spots-for-gem-hunting-in-us.html#zBA1EOP2HTJ3CLA.99>



## This is Percy!



His real name is Perseus, but his friends know him as Percy. He shares his home and life with our 1st Vice President, Barbara Ringhiser.

Barbara admits that Percy is “one of the world’s most stubborn dogs”. He likes to sleep late. He also seems to feel that he should have more privileges than the other dogs in the house. Note that he’s claimed that sofa all for himself!

Stubborn or not, Percy is loved by all in the household, both the two-legged and the four-legged types.

*Do you have a furry, finned, feathered, or other friend that keeps you company when you’re having fun with your rocks? We’d love to feature him or her in the next newsletter. Send a picture or two and a little info to Laura Phillips at [laurajeanphillips@gmail.com](mailto:laurajeanphillips@gmail.com).*

## CALLING ALL MEMBERS!

Summer is almost over and it is time to start planning the Exhibit Cases for our big show in November, the weekend before Thanksgiving. The Exhibit Cases are an important aspect of the Club's Gem and Mineral Show because it differentiates us from the purely commercial shows by emphasizing the educational and social elements of gems, minerals, lapidary and fossil studies.

What has brought you to join the Gem and Mineral Society of the Palm Beaches? Is it an interest in antique mining equipment, jewelry or something else? This is your chance to share your unique collection, specimens and knowledge.

This year's theme is the color pink and we hope it will help inspire your display, but it is not obligatory. There will be a sign-up sheet at the meetings and an information sheet available.

This year's exhibit cases have been refurbished and equipped with much-improved lighting. You will be impressed with the results of lots of hard work by our President and Show Committee Chairman, as well as other members of the Show Committee.

# WHY ROCKHOUND?

So you've been thinking of taking up a new hobby. How about rock collecting - a hobby that is not only loads of fun, but has other benefits too?

Rockhounding, or amateur geology, is the recreational study and collection of rocks, gems, minerals, or fossils from their natural environments. Rockhounds are the people who cannot pass by a pretty rock without picking it up for a closer look.

So why do it?

- ◆ No experience needed! Rockhounding can be as simple as going down to the nearest creek or roadcut, and finding pretty stones that suit your fancy.
- ◆ It's cheap. Or rather, it can be as cheap or as expensive as you want to make it. Some rockhounds travel the world to collect stones in exotic locales, while others never go further than ten miles from home.
- ◆ If you have children, rockhounding is a great way to get them interested in geology and the outdoors. Kids seem to have a natural love for this hobby [why not, it's just like treasure hunting, after all!]
- ◆ It's a great excuse to get out in the fresh air and sunlight, and get some exercise. Hauling sacks of heavy rocks is a great workout.
- ◆ If you join a local gem club, it's a good way to make friends and connect with the community. Rockhound circles tend to be both close-knit and welcoming.
- ◆ When you're tired of the awesome stones you've collected, or when you need to make room for new ones, you can sell your spares to other collectors, and earn a bit of spare cash.

- from [www.rockhoundtimes.com/why-rockhound.html](http://www.rockhoundtimes.com/why-rockhound.html)



## The Gem & Mineral Society of the Palm Beaches, Inc.

Is proud to present our

**52<sup>nd</sup> ANNUAL**

### Gem, Mineral, Jewelry, Bead and Fossil Show

*Featuring special exhibits, speakers & prize drawings!*

**November 17—18, 2018**

**South Fl. Fairgrounds/ Expo Center East**

**9067 Southern Blvd. / West Palm Beach, FL 33411**

ADULTS \$9  
2-DAY PASS \$14  
CHILDREN  
UNDER 12 FREE

**Saturday 9AM to 6PM  
Sunday 10AM to 5PM**

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DEMONSTRATIONS  
SPEAKERS  
EXHIBITS  
FACE & ROCK PAINTING**  
Proceeds from this event support  
GMSFPB INC (a 501(c)(3) Corp.)

## COMING SOON!

You will soon be able to join the Gem and Mineral Society of the Palm Beaches or renew your annual membership online, and make payment via PayPal. We are moving into the 21st century! The club thanks Webmaster Richard Tracey for his dedication to making our website fabulous!

[www.gmspb.org](http://www.gmspb.org)



Find us on  
**Facebook**

Click the logo above or go to [www.facebook.com/GEMANDMINERALSOCIETYOFTHEPALMBEACHES/](http://www.facebook.com/GEMANDMINERALSOCIETYOFTHEPALMBEACHES/)



## **VOLUNTEER TIME FOR THE ANNUAL SHOW!!!**

November 17<sup>th</sup> and 18<sup>th</sup>, the weekend of our annual show, will be here before we know it!! Our 52nd!!! That means it is time to start thinking about volunteering NOW. Here's a list of volunteer positions and the duties required. YOU can make a difference! Without you, our society members, it would be impossible to fill the many time periods necessary to make the 2018 show the best show yet! Over 100 volunteer shifts need to be filled. **The club cannot run without the proceeds from the show!!**

### **PLEASE LET US COUNT ON YOU.**

#### **THURSDAY Set-up crew - NOVEMBER 15TH**

Approximately 6 people are needed to move tables around and set up each booth area. We will be supervising Fair- grounds help in the placement of tables according to our floor plan. Also, we will be able to do the Society's setup on Thursday. We have hired help to do the heavy lifting, but we still need members to assist in directing helpers on where unloaded materials go at the fairgrounds. Materials such as our display cases, from the storage unit, must be loaded in the rented truck, and brought to the Fairgrounds, unloaded and set-up. We will also be setting up the flume.

#### **FRIDAY SET/UP/SUNDAY TAKE DOWN - NOVEMBER 16th and 18th**

As many volunteers as we can get are needed to set-up during the day on Friday and to take-down after the show from 5:00 PM on Sunday. Friday, the display cases need to be assembled, as well as many odds and ends jobs too numerous to go into here. On Sunday, after the show is over, everything must be packed up, loaded in the truck, and delivered back to the storage area. Again, we have hired help to do the heavy lifting, but we still need members to assist in directing helpers on where materials go to be loaded into the truck. We also will need some people to go to the storage location to direct the hired help on where to put the unloaded materials.

#### **TICKET TAKERS, NOVEMBER 17<sup>th</sup> and 18<sup>th</sup>**

Two people are needed for each 2-hour time slot. Responsibilities include taking tickets at the entrance doors, tearing the ticket in half, depositing one half in the box, and giving the second half to the guest. This position requires either sitting on a stool or standing. Requirements include a pleasant, friendly, helpful, courteous, and kind personality. At times, ticket takers are very busy. This is a very important position because ticket takers are the "first impression" that people get of our society.

#### **INFORMATIONTABLE -NOVEMBER17<sup>th</sup> and 18th**

Three people are necessary for each 2-hour time slot. Responsibilities include answering questions concerning the show, checking in volunteers and giving them their badges and providing information about our society's activities. Information attendants should be able to direct visitors and provide information about everything from who is in charge, to where a particular dealer is located. This position requires sitting at the information desk. The ability to be pleasant and helpful, without getting flustered, is important.

#### **SCHOLARSHIP FUND PRIZE DRAWING -NOVEMBER17<sup>th</sup> and 18th**

Two people per 2-hour time slot are needed. Responsibilities include encouraging people to purchase tickets for the prize drawing of the many items available. It is extremely important to be friendly, inviting, cheerful, and encouraging without being insistent. This position requires some standing. The main objective is to point out the items that may be won with only a \$1.00 ticket.

## **DEMONSTRATIONS- NOVEMBER 17<sup>th</sup> and 18<sup>th</sup>**

People are needed to demonstrate their skills during each 2-hour time slot. The area is large enough for several demonstrators to present simultaneously. This is the opportunity to greet the public and show-off by participating in beading, stained glass, wire wrapping, chain making, or any other lapidary skills. If you are interested in volunteering to demonstrate at the show, please contact demonstration coordinator Kelly Azor-Anderson at 561-635-7619.

## **LUNCH ON SET-UP DAY - NOVEMBER 16<sup>th</sup>**

Lunch will be served to the dealers, society members, and fairgrounds workers on Friday, set-up day. We need someone who will shop for the supplies (we have a list - sandwich makings, drinks, salad, plates, utensils, donuts, coffee, etc.) Everyone makes their own sandwiches. You would be advanced funds for shopping. Serving is buffet style. We need a couple of volunteers there to oversee the buffet between 9am and 5pm - 2 hour shifts.

## **MINING / FOSSIL DIG/ GEODE CRACKING/SPINNING WHEEL GAME - NOVEMBER 17<sup>th</sup> and 18<sup>th</sup>**

We need the following people *for each 2-hour time slot* to run the mining area effectively. Duties include:

- 2 people working together to collect money and use an iPad for credit card payments, enter inventory on an iPad and give out tickets
- 1 person to crack geodes
- 1 person for working the Spin-the-Wheel game and for keeping the table stocked with prizes. The game involves a table marked with squares that correspond to numbers on the wheel. The player wins the prize in the square matching the number on the wheel.
- 1 person to identify fossils and gemstones at the flume area. Volunteers will be briefed on what fossils and gemstones are available in the dig and mine. There will be cards available with fossil samples and rough gemstone samples to aid in identification if participants request the information.
- 1 person to help visitors select geodes.
- 1 person to fill bucket bags and fill buckets as needed.
- 1 person to keep the flume running smoothly, moving used gravel, handing out screens, etc.

*This is a very active area and these volunteer positions, with few exceptions, are not sedentary positions.*

Please remember, if you commit to an assigned position, please perform those duties *unless asked to temporarily work in in an extra busy area.*

If you really want your choice of positions, remember to contact us early, it is first come first serve.

## 2018 ANNUAL SHOW VOLUNTEER SIGN-UP FORM

The form can be turned in to any of the persons listed below, in whichever manner is easiest for you. Turn the form in at any upcoming Membership meeting, email, phone, or mail.

By email or phone:	Dianna Ray 561-707-6753 countrycutie29@aol.com	Walt Triche 561-628-1031 wtriche@gmail.com	Lee Miller 561-329-8872 wilfred12244@yahoo.com
By mail:	GMSPB Volunteers PO Box 18095 West Palm Beach, FL 33416-8095		

**Name:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**Best time to call:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Positions interested in:** \_\_\_\_\_

(use additional sheet if necessary)

**Please circle the shifts for which you are available:**

<b>Thursday, Nov. 15 (set-up)</b>	<b>9-11am</b>	<b>11am-1pm</b>	<b>1-3pm</b>	<b>3-5pm</b>
<b>Friday, Nov. 16 (set-up, lunch)</b>	<b>9-11am</b>	<b>11am-1pm</b>	<b>1-3pm</b>	<b>3-5pm</b>
<b>Saturday, Nov. 17</b>	<b>9-11am</b>	<b>11am-1pm</b>	<b>1-3pm</b>	<b>3-6pm (3 hours)</b>
<b>Sunday, Nov. 18</b>	<b>10 - Noon</b>	<b>Noon - 2pm</b>	<b>2 - 5pm (3 hours)</b>	<b>5 - ?pm (take down)</b>

## 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.

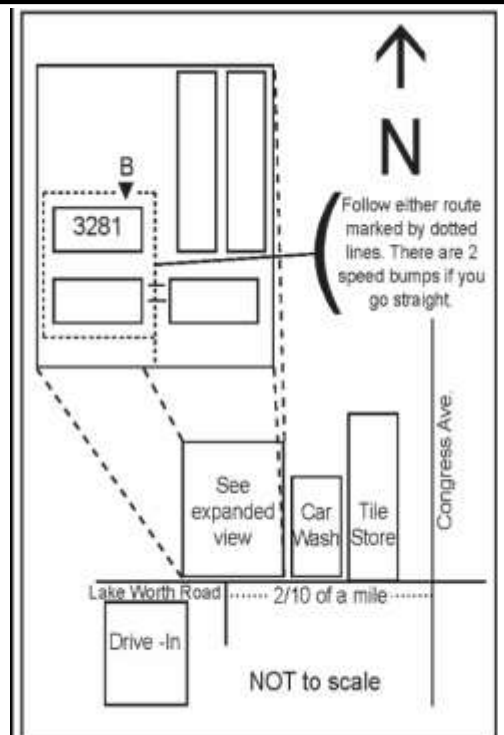
### Shop Report

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





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

## 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.

# November

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				<b>1</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>2</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>3</b>
<b>4</b>	<b>5</b> Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	<b>6</b>	<b>7</b> <b>BOARD MEETING</b> 7:30 PM	<b>8</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>9</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>10</b>
<b>11</b>	<b>12</b> Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	<b>13</b>	<b>14</b>	<b>15</b> Open Shop** 12:30-3:30 PM <b>MEMBERSHIP MEETING</b> 7:30 PM	<b>16</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>17</b> <b>GMSPB 52nd ANNUAL SHOW</b>
<b>18</b> <b>GMSPB 52nd ANNUAL SHOW</b>	<b>19</b> Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	<b>20</b>	<b>21</b>	<b>22</b> 	<b>23</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>24</b>
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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.

## 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*	Lee Miller	561/389-8584
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

### 2018 DIRECTORS

Head Shop Steward*	Susan Cairl	561/293-1298
Membership*	Jennifer McIntyre	863/414-1240
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](http://www.gemandmineralsociety.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](https://smile.amazon.com) account:  
<http://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](mailto:newsletter@gemandmineralsociety.org)