



# The Rockhound

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

**www.gemandmineralsociety.org**  
**April 2018 Volume 51 Issue 7**

## President's Message

Hello Fellow Rockhounds!

From the EFMLS convention in Raleigh, North Carolina! As I look out the window of our hotel room, I see that it's going to be a beautiful day. Yesterday it rained all day and the temperature dropped 30 degree in about an hour. It was a good day to go to the Gem and Mineral show sponsored by the Tar Heel Gem and Mineral Club. I was able to talk to a few of the dealers there and invite them to contact our club about our show in November.

I, along with Barbara Ringhiser, attended the annual meeting of the American and Eastern Federations of Mineralogical and Lapidary Societies also sponsored by the THG&MC and learned a little about other clubs around the United States. Barbara, the outgoing President of the Eastern Federation, presented the incoming President with a very special gavel that has been in the Federation for a long time and has a history of its own.

While here in Raleigh, we were able to visit the North Carolina Museum of Natural Sciences. Some of the many interesting items we were able to see were the 1000 + carat uncut North Carolina Emerald, and the largest piece of Mica I have ever seen!

Well, I am going to close this message with a reminder of the upcoming annual Steak Dinner and Raffle taking place next week on the 15th of April. Information on this event and others can be found in this newsletter. And as always, keep looking fore rocks.

— Lee Miller, President

## Membership Meeting

Thursday, April 19  
at 7:30 pm

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

## April Program: Show & Sell

Contact Jen Martin  
(rid808@yahoo.com) if you would  
like a table.

Sellers are asked to donate an item  
worth \$10. Table set-up should be  
complete by 7:15 pm.

## Junior Rockhounds

Coquina is a rock native to Florida. Agatized coral is the state stone of Florida! Bring any specimens of coquina and agatized coral you have so we can study, share and compare!



# APRIL

## Birthstone: Diamond

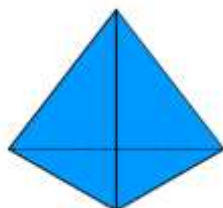
Diamond is the birthstone of April but how much do we know about Diamond? Diamond is made of carbon the same element as graphite, charcoal and coal are made of. The sources of diamonds are both natural and synthetic diamonds.

The primary source of natural diamonds is from deep volcanic vents where past eruptions have forced magma from the mantle to the surface. The diamonds come up from 80 miles and deeper. Other minor sources of natural diamonds are from impacts of meteors and asteroids, subduction of the crust which is forced back up and of course with superman squeezing coal or charcoal. Virtually all of the natural diamonds in commerce are from the deep volcanic vents. One piece of evidence that the geologists point to as the source of natural diamonds is their age. Natural diamonds are aged by looking at the ratio of rare radioactive metals and their decay products in inclusions in the stones. Using this technique natural diamonds date to about 3.5 billion years ago and this is before plants existed on earth.

Synthetic or man-made diamonds are made by two principal processes. The first is called HPHT or high pressure high temperature and the second is CVD or chemical vapor deposition. While most synthetic diamonds have been used industrially they are now being sold as gemstones as well. HPHT requires pressures of 54,000 atmospheres and temperatures of 2000 deg. Most synthetic diamonds are made by the HPHT process. The CVD process is more of a research process at present. Synthetic diamonds are being sold as gemstones at prices around 80% of natural diamonds. With more competition these prices should drop sharply.

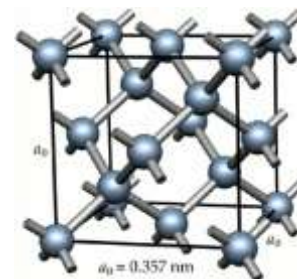
The synthetics are very hard to tell from natural stones.

Diamond, whether natural or synthetic, is one of the hardest substances known. It was used as definition of the high end, 10.0, of



the Mohs hardness scale. With the exception of inclusions diamond is pure carbon but differs greatly from other forms of carbon like graphite. In diamond the carbon atoms are linked in a tetrahedral fashion with one carbon at the center of the tetrahedron (triangular pyramid with 4 equilateral triangles) and 4 more carbons at the vertices of the tetrahedron. This pattern repeats as a virtual infinite web. In a sense a diamond is a single molecule.

Crystallographers use the term unit cell which is the smallest repeating unit of a crystal. For diamond the unit cell can be depicted as:



Information compiled by Richard Tracey from the following references on the internet:

<https://geology.com/articles/diamonds-from-coal/>

<https://www.gia.edu/gia-news-research-tiny-inclusions-reveal-diamond-age>

[https://en.wikipedia.org/wiki/Synthetic\\_diamond](https://en.wikipedia.org/wiki/Synthetic_diamond)

<http://www.stevesque.com/diamond/structure/>

## ROCKS, FOSSILS, MINERALS AND MORE!

Ned and Jeanie Fitchen of Cocoa, FL are selling most of their collection in order to move out west. They invite you to make your next field trip to their place! They have agates, dino bone, petrified wood, obsidian, fossils, onyx, geodes, thunder eggs, turquoise, Australian opal, jasper, garnets, coral, crystal clusters, antlers, abalone shells, skulls, and bone gem strands available. They have been collecting since the 1940s! Photos on their Facebook page.

Ned & Jeanie Fitchen

321/632-8996

thefitchens@yahoo.com

See [Craigslist Ad](#) or

Facebook: Search or click [The Art of Petrology](#)

# Steak Dinner and Auction 2018

April 15, 2018  
10:30 AM Setup \*11:30 AM Eat  
Scottish Rite Lodge  
2000 N. "D" Street  
Lake Worth, Florida 33460

**Also anyone willing to help set up, show up by 10:30.**

Mark your calendars and save your money. The Society will supply the steaks and you bring your own table service (plates and silverware), drinks, and a side dish to share (we suggest salads, vegetables, or dessert). We will be serving the steaks around noon, so get there

11:30 for a good seat. It's Free for paid-up members; \$10.00 for a guest. The auction will follow after we finish eating. Lapidary donations welcome.



**Attention: Well done steaks! Only if you want a WELL DONE steak Call Debi 561-568-8736.**



## SUNSHINE NEWS

*Thank you for supporting our club and enjoy your steak dinner.*

*Thank you all that help putting it all together.*

*Thank you Laura for your creativity and patience in putting together our newsletter.*

### Estate of Jim Chadwell

Jim Chadwell was a well-known, active member of the Miami club who recently passed away. His niece, who lives in Georgia, would like to sell his lapidary equipment and collection, which includes supplies, faceted stones, cabochons, and lots of spectacular raw specimens. She would like to sell it as a single parcel. It is not sorted and inventoried, but Sandy Mielke has gone through it and estimates the "good stuff" to be worth upwards of \$20,000. The niece would like someone to make a bid on it, and if accepted, pack it all up and take it. Anyone who might be interested is asked to contact Sandy Mielke at [webguy@mmlg-inc.org](mailto:webguy@mmlg-inc.org), and he will get back to you with a more complete description.

### Show Committee Meeting

**Monday, June 1 at 7:30 PM  
at the GMSPB Shop**

**All members are  
welcome!**



Susan deWeil  
Harriet Flashenburg  
Cheryl Gasero  
Eleanora Heilner  
Scott Hicks  
Alan Meltzer  
Nataly Morales  
Mary Ricciardi  
Tim Shewalter  
Meredith Snieder  
Britney Torres  
Jack Stamper



### **SAVE THE DATES!**

This year's **SFMS workshop weeks** will be held at **William Holland June 10th – 16th**, 2018, and at **Wildacres August 20th - 26th and September 17th - 23rd**, 2018. More information is available at [sfmsworkshops.com](http://sfmsworkshops.com).

This year's **EFMLS workshop weeks** will be held at **Wildacres May 21st - 27th and September 4th – 10th**, 2018. More information is available at [efmls-wildacres.org](http://efmls-wildacres.org).



## Member Highlight: **MITCH TURK**

If you haven't already met Mitch, he's been leading our Junior Rockhounds program for the past few months.

Mitch is originally from Long Island, New York, but has lived in the West Palm area for almost 14 years. When he was in his 20s, he was looking for a teaching position in New York and found that it was easier to get a job teaching science than a job teaching English. He started as a biology teacher, but eventually found himself teaching earth science.

Teaching earth science rekindled his boyhood interest in minerals, rocks, and gems. When he was 14, his family moved for year to Israel where they lived in a high school/college community in the desert. He used to hike frequently in the desert and down into the canyon that was next-door to his community, as well as visiting a large crater nearby called Mitzpe Ramon, collecting rocks, bones and fossils.

Mitch and his family will be returning to Israel in two months to visit family. While they are there, he's planning to return to his old teenage haunts to see what treasures he can find and hopefully present to our Junior Rockhounds!

Young rockhounds are encouraged to join Mitch at this month's meeting to learn about coquina and agatized coral, both of which are local to Florida.

## UPCOMING EVENTS

April 6-8, 2018

**Orlando, FL: Central Florida Mineral & Gem Society.** Rock, Mineral, Gem, Jewelry & Fossil show. Florida National Guard Armory, 2809 S Fern Creek Ave., Orlando. Fri: 1-6pm, Sat: 10am-6pm, Sun: 10am-5pm. Admission: Adults \$5, kids \$2, Scouts with uniforms free. <http://www.cfmgs.org> or contact Salvatore Sansone 321/278-9294.

April 13-15, 2018

**Sarasota, FL: Gem-Jewelry- Bead Show.** Frank Cox Productions.

Municipal Auditorium, 801 N. Tamiami Trail (Hwy. 41), Sarasota, Florida 34236. Show Hours: 10am-5pm daily; Admission: Adult \$5.00 (\$4.00 if you mention this listing at <http://www.frankcoxproductions.com/schedule/>).

April 14, 2018

**Okeechobee, FL: GMSPB Field Trip to Ruck's Pit.** See Details on Page 7.

April 14-15, 2018

**Miami, FL: Gem, Jewelry, Mineral, and Fossil Show.** Miami Mineralogical and Lapidary Guild (MMLG). 10AM to 5PM both days. Evelyn Greer Park, 8200 SW 124 Street in the Village of Pinecrest (just south of Miami, FL) – one block off US 1 with plenty of free parking. Admission is \$6 – children under 12 admitted free (with paid adult admission). Exhibits, displays, demos, raffles, and vendors showcasing specimens, gemstones, fine jewelry, and artisan-crafted collectibles. Children's activities include jewelry-making sessions, surprise grab-bags, gem prospecting, and geode splitting. For discount admission coupons, see Page 6. More information at [www.miamigemandmineral.com](http://www.miamigemandmineral.com).

April 21-22, 2018

**West Palm Beach, FL: Gem-Jewelry- Bead Show.** Frank Cox Productions. South Florida Fairgrounds, 9067 Southern Blvd. (Hwy 92), West Palm Beach. Show Hours: 10am-5pm daily; Admission: Adult \$7.00 (\$5.00 if you mention this listing at <http://www.frankcoxproductions.com/schedule/>).

June 3, 2018

**Hollywood, FL: TY Park Tri-Club Picnic and Rock Swap & Sale.** 10am-4pm. Pavilion #9 at TY Park. Details are on Page 5.

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**Where Miami  
Really Rocks!**



semi-annual

### GEM & MINERAL SHOW

*(We've got jewelry & fossils too!)*

Gems – Minerals – Beads – Exhibits  
Artisan Jewelry – Children's Activities  
Raffles – UM Geology Dept Booth

**Sat & Sun**  
**April 14 & 15**

**10 AM to 5 PM**

at

**Evelyn Greer Park**

in Pinecrest - free parking  
8200 SW 124 Street – one block off US1

**Admission: \$6**

*Half price with this flyer!*  
(children under 12 free with paid adult)

Go to our website for complete information,  
including a map and directions  
[www.miamigemandmineral.com](http://www.miamigemandmineral.com)



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## You Know You're a Rockhound If...

- ◆ You prefer baryte roses to real ones.
- ◆ Your garage is so full of rocks that the car won't fit in.
- ◆ You collect Interesting specimens, including the brown unknown ones, just in case they might turn out to be something special.
- ◆ You've ever sorted through a mullock heap.
- ◆ You've ever dumpster dived at a marble warehouse.
- ◆ You colour co-ordinate your clothes and shoes to match your gemstone pendants.
- ◆ The sign on the side of the road says "Falling Rock" and you pull over to wait.
- ◆ You like to examine the rocks in your driveway.
- ◆ You treasure ancient, fossilised animal dung.
- ◆ You spend hours searching the ground while everyone else around you gets bored.

— from [owlcation.com](http://owlcation.com)

# Field Trip!!!

Saturday, April 14

## Fort Drum Crystal Mine AKA Ruck's Pit

This is a casual meetup with everyone arriving in their own cars. While there is no set time, the general idea is for people to arrive at roughly 10:00am.

\$50 per person. Information and details about what to bring are available at [visitflorida.com](http://visitflorida.com) or on their [Facebook page](#). You can also view a short YouTube [video tour](#).

If you plan on going, please let Jennifer Martin know at [rid808@yahoo.com](mailto:rid808@yahoo.com).



*From a distance, it doesn't look like much. Tall, grayish rock piles, maybe forty feet-long stand next to each other at the edge of a grassy field. But get up close, catch the light just right, and you'll see that they glitter with golden treasures. And if you're lucky – which is pretty much a guarantee – you'll be taking them home by the bucket-load.*

*Ruck's Pit, in Fort Drum, is the site of a former mining operation for the fossilized shell rock commonly used in our state's roadbeds. But long ago, its owners discovered something special: fossilized clams the size of your hand, filled with honey-colored calcite crystals. A unique treasure to our state!*

*Ruck's Pit is the only known place in the world to find such fossils, which geologists estimate at over 1.5 million years old.*

- from [visitflorida.com](http://visitflorida.com)

## TY PARK Tri-Club Picnic and Rock Swap & Sale

Sunday, June 3 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.*



# The Collection

By Jessica Lippy

There are times where I grow weary of winter's  
icy clutch,

The freezing wind so cold, it frosts over my  
heart,

Huddled in my room, blanketed from the cold, I  
reach for warmth to thaw the ice in my soul.

Sitting on my shelves, for everyone to see, my  
good luck and perseverance displayed proudly.

From soapstone to calcite,

Fossils in shale and opal,

These are the things that make me smile.

Gently, I run my fingers over one and for a  
moment I'm there

The bright hot sun beating down on my back

A chorus of voices, excited and cheerful

Camaraderie at its peak

The moment when I looked down and  
discovered this piece of the Earth's soul  
crystallized, and everything ceased to exist but  
me and the awe of nature's artistry

It's times like these in the dark of winter that I  
remember the light

And realize again, I don't just collect rocks I  
collect memories.

Reprinted from the April 2018 issue of The Rock Buster  
News, a publication of the Central Pennsylvania Rock and  
Mineral Club

## 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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## Meet Jumbo!

Quite a name for  
the little guy, eh?

Jumbo is the  
faithful companion  
of Stephanie  
Rosicci. He's part  
Chihuahua, part  
Rat Terrier, and has  
a big personality.

She adopted him  
from Peggy Adams  
Animal Rescue.

He's 8 years old  
now, but she  
adopted him at 8 months.



Jumbo is a great dog, she says, and lots of  
fun. He loves going for rides in the car and to  
the grocery store. He's very affectionate and  
makes friends with every cat that comes his  
way.

*Do you have a pet that we could feature next month?  
Please send a picture and a little information to  
Laura Phillips at [laura@ahphillips.com](mailto:laura@ahphillips.com).*

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## Safety Matters – Going it Alone

by Ellery Borow, AFMS Safety Chair

Going it alone, getting away from it all, escaping the concrete canyons, taking a hike, or just goin' rockin', we are a traveling hobby. Unless one does a good deal of mail order, we go to the rocks instead of their traveling to us.

A friend of mine enjoys going it alone while looking for the yellow metal. He enjoys using his metal detector in the remote high country of California. His preference is to go where no man has gone before -- or at least no one has gone in a long, long time. When I ask him of his adventures he often mentions "incidents". Those "incidents" have raised the hair on the back of my neck on several occasions. I know it's none of my business, but as a safety minded person, I feel obliged to express my concern about his desire to go it alone. "No problem", he assures me.

While young men may think themselves indestructible, I have other thoughts on the matter -- and this friend of mine is not young. So using that story as a lead-in, here are some thoughts on goin' rockin' alone:

1. Keep the folks or friends or relatives or someone you trust apprised of your travel plans - roads, trails, time tables, details. If one is going up mountain, mention which trail. Many areas have several trails all going to the same place, yet offer different starting points. It is not a good idea to tell folks you are going one place and not bother to tell them that you have changed your mind and will instead, at the last minute, go some place different. Periodic contact with the folks back home is a good safety idea and will go a long way in reassuring them of your well being!
2. Have a fully charged cell phone and, if possible, an extra batter or way of charging the phone in the wilds and woolies. Keep checking your bars (not the ones along the highway, but the ones on your phone) for reception and be aware that there are many areas where there will be no bars (of either kind) to be found.

3. Bring sufficient water times two. It is often the case that, when working in a hot pit, one drinks more (or should drink more).
4. Have maps with you, the kinds that do not require a battery. Learn how to use the maps! There is a good deal of useful information on them.
5. Have a first aid kit and your meds with you - not back in the truck which is parked a good (or not so good) five miles away.
6. Have and utilize good clothing, footwear and safety gear including snake bite proof boots, bug powder, sun screen goggles, survival gear, flash light or whatever one thinks is appropriate to the conditions...and speaking of conditions...
7. Mind the weather as conditions can change rather suddenly.
8. 8. Have a plan B (and C, D and E) as the conditions and situations warrant.
9. 9. Take rest breaks before you are tired, not after. the same goes for drinking water. Drink before you are thirsty, feeling thirsty means you are already dehydrating.
10. Have food with you. To save carrying weight, there are numerous energy foods and power bars available.
11. There are perhaps 11 million other safety rules, think OSHA and MSHA, so just keep in mind the ones most germane to the going-it-along place your are heading.

Numerous safety and survival guides are available. You might find a great many practical and useful ideas in them.

Yes, I can hear eyes rolling loudly and comments of "Yes dear", and "Yes mother" with the above point; but my yellow metal digging friend is still with us, no more "incidents" have been mentioned to me - so maybe what I mentioned to him is working.

Please be safe. Your being safe is, I suspect, important to more folks than you might realize.

## 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.

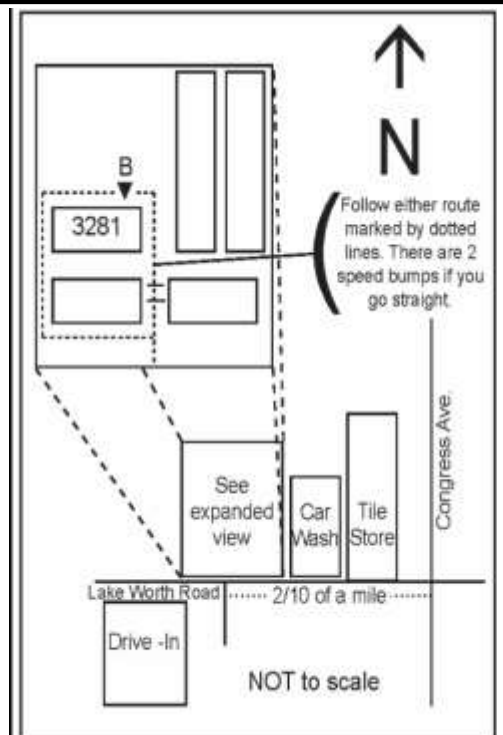
### Shop Report

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> 	<b>2</b> Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	<b>3</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>4</b> <div style="background-color: #008000; color: white; padding: 5px; text-align: center;"> <b>BOARD MEETING</b>                          7:30 PM                          @ Shop                     </div>	<b>5</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>6</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>7</b>
<b>8</b>	<b>9</b> Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	<b>10</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>11</b>	<b>12</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>13</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<div style="background-color: #008000; color: white; padding: 5px; text-align: center;"> <b>FIELD TRIP</b>  <b>RUCK'S PIT</b>                          10AM                          See details                          Page 7                     </div>
<div style="background-color: #008000; color: white; padding: 5px; text-align: center;"> <b>STEAK DINNER &amp; AUCTION</b>                          10:30 AM                     </div>	<b>16</b> Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	<b>17</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>18</b>	<div style="background-color: #008000; color: white; padding: 5px; text-align: center;"> <b>MEMBERSHIP MEETING</b>                          7:30 PM @                          Multi-Purpose Center                     </div>	<b>20</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>21</b>
<b>22</b>	<b>23</b> Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	<b>24</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>25</b>	<b>26</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>27</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>28</b>
<b>29</b>	<b>30</b> Open Shop** 10:30AM - 5 PM 561/372-2359 <div style="background-color: #008000; color: white; padding: 5px; text-align: center;"> <b>SHOW CMTE MEETING</b>                          7:30 PM @                          Shop                     </div>	Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444				

## 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
		<b>1</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>2</b> <b>BOARD MEETING</b> <b>7:30 PM</b> <b>@ Shop</b>	<b>3</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>4</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>5</b>
<b>6</b>	<b>7</b>	<b>8</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>9</b>	<b>10</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>11</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>12</b>
<b>13</b>	<b>14</b>	<b>15</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>16</b>	<b>17</b> Open Shop** 12:30-3:30 PM General Work Dennis 561/255-0292	<b>18</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>19</b>
<b>20</b>	<b>21</b>	<b>22</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>23</b>	<b>24</b> <b>MEMBERSHIP MEETING</b> <b>7:30 PM @</b> <b>Multi-Purpose Center</b>	<b>25</b> Open Shop** 6-9 PM General Work Susan 561/293-1298	<b>26</b>
<b>27</b>	<b>28</b> Open Shop** 10:30AM - 5 PM General Work Samantha 561/372-2359	<b>29</b> Open Shop** 6-9 PM <b>RSVP ONLY!</b> Laura 407/234-0444	<b>30</b>	<b>31</b> 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.
Fused Glass (Beginner)	Harriet Flashenburg 561/733-1466	\$50 + \$50 materials fee	Four afternoon sessions Class taught in season only. Contact instructor to arrange.
Gem Tree	Dianna Ray 561/707-6753	TBD	Contact instructor to arrange.
Metalsmithing: ◇ 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	Jennifer Martin	561/281-5466
Raffle Coordinator	Lo Rain Dudley	561/827-5793
Refreshments	Arlene Lazzaro	561/810-3495
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)