



# The Rockhound

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

**www.gemandmineralsociety.org**  
**December 2019 Volume 53 Issue 2**

## President's Message

Greetings, Rockhounds!

Welcome to this "early" edition of the Rockhound! Please remember that our General Meeting is also early: Tuesday, December 3rd, at the usual location and time. Why so early? So we can hold officer elections at the General Meeting, and install those officers at the Banquet! This year the banquet will be held on Saturday, December 7th, also at the usual meeting location, in the Science Center's Multipurpose Center. The festivities begin at 6 PM. And, as a reminder, there is no meeting on the third Thursday this month - enjoy your holidays with family and friends!

I would be remiss if I didn't use some of this space to talk about the Show. We are still analyzing all the data, but the initial numbers would indicate that we had the best attendance that we've had in some time! Special thanks goes out to Sibel Bode, for handling our Social Media presence, and all-around getting the word out. Many of our vendors commented on the increased attendance, and were extremely pleased with the amount of business they received. Thanks also to all the Club Members, their families and friends, and our friends from the St. Lucie Club who volunteered to make the show a success. The show is our primary fundraiser, and our Club would not be able to continue offering all the great benefits that we do without it.

Lastly, don't forget to renew your Club Membership! Please see David Taylor, our Membership Coordinator, to renew your membership(s) on the spot; you may mail in your renewal; or you can go online to <https://gmspb.org/11memberpay2018/> ! Renewals are due by the end of February for the 2020 calendar year, but getting them taken care of earlier is easier for everyone!

See You Out There!

— Laura Simmons, President

## Membership Meeting



**Tuesday, December 3**  
**7:30 PM**

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

**Voting of 2020 Officers**  
**-and-**  
**SHOW & SELL!**

Tables cost \$10, or a donation worth \$10. If you want to reserve a table, please contact Barbara Ringhiser at 561/379-4307 or bar5678@aol.com.

## Official Announcement of Voting

In accordance with GMSPB By-laws, this is hereby an official announcement that Voting for our 2019 Officers will occur at the December General Meeting, to be held on Tuesday, December 11, at the South Florida Science Center and Aquarium's Multi Purpose Center, 4801 Dreher Trail N, West Palm Beach, FL 33405, at 7:30 PM.

## Slate of Officers for 2020

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

**President: Laura Simmons**  
**First Vice President: Dianna Ray**  
**Second Vice President: Barbara Ringhiser**  
**Secretary: Clara Pflueger**  
**Treasurer: Jenny Wright**

Please remember that Elections will be held on Tuesday, December 3rd, 7:30 PM, at the Science Center's Multi Purpose Center. Installation of Officers will take place at our Holiday Banquet, on Saturday, December 7th.

## - In This Issue -

December Birthstones  
2019 Annual Show  
Member Highlight: Dianna Ray  
Holiday Banquet December 7  
Largest Black Gem  
Bench Tips  
Sunshine News

Surprising Geological Facts  
Cathedral Windows Ornament  
Birthdays  
Cabochon Class in January  
Geologist's Lament  
Upcoming Events  
Time to Renew

Membership Application  
Calendars  
Shop Talk  
Available Classes  
Club Officers

## December Birthstones: Tanzanite, Zircon, & Turquoise

December has three birthstones: Tanzanite, Turquoise and Zircon. While the colors vary on these stones they are best known as the blue varieties. While zircon is the oldest gem on earth and tanzanite is one of the most recently discovered, turquoise is one of the first to be mined and used for jewelry.

### TANZANITE

Tanzanite was discovered in the late 1960's in Tanzania. Tanzanite was first mined by Manuel d'Souza who initially thought he was mining sapphires. His main distributor was Tiffany & Co. Tanzanite is the mineral zoisite which is a calcium aluminum hydroxyl sorosilicate that contains an impurity of the element vanadium. Tiffany & Co. named the gem tanzanite for public appeal reasons. Tanzanite can be either trichroic or dichroic

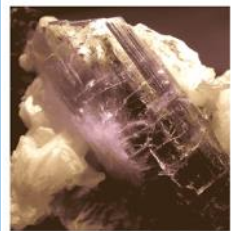


Photo by Rob Lavinsky, iRocks.com

depending on whether or not it has been heat treated. The heat treatment can be natural or done by humans and eliminates any brown colors that may be present. Trichroic means showing three colors depending on the angle it is viewed at and dichroic means two colors.



### TURQUOISE

Turquoise is probably best known to us as being from the Southwest and associated with the Native Americans but has been known since ancient times. King Tut's death mask was inlaid with turquoise. There is an interesting website by a company called T. SKIES ([http://](http://tskies.com)



[tskies.com](http://tskies.com)) which sells turquoise jewelry but all of the offerings are by Native Americans. The website offers bios of the artists as well as information on the mines where the material comes from.



Turquoise is a hydrated phosphate of copper and aluminum with the chemical formula  $\text{CuAl}_6(\text{PO}_4)_4(\text{OH})_8 \cdot 4\text{H}_2\text{O}$ . The copper gives turquoise its blue color. The hardness is 5-6 on the mohs scale which gives it about the same hardness as window glass.

### ZIRCON

Zircon gemstones occur in colors ranging from colorless to pink to brown to green and blue. The blue stones are the most coveted. Most zircon gemstones are mined in Southeast Asia, the middle East and Northeast Africa. In the early 1900's zircon was touted as a diamond substitute which gave zircon a bad name. Even today many people confuse zircon with cubic zirconia. Zircon is zirconium silicate and natural while cubic zirconia is zirconium dioxide and is man-made. Zircon is bi-refrangent so it shows differences in color depending on the viewing angle.



Photo by Don Guennie  
The World of Gems



Photo by Rob Lavinsky  
iRocks.com

Most zircons are the size of grains of sand and can be found on many beaches. They, along with other heavy metal minerals are the dark to black grains that often can be found in layers if you dig a trench in the sand on the beach. Zircon is actually mined in Florida near the Jacksonville area – but only for the mineral not the gemstone.

### References:

<https://www.americangemsociety.org/page/birthstones>  
<https://en.wikipedia.org/wiki/Tanzanite>  
<https://en.wikipedia.org/wiki/Turquoise>  
<https://geology.com/minerals/turquoise.shtml>  
<https://en.wikipedia.org/wiki/Zircon>  
[https://www.minerals.net/gemstone/zircon\\_gemstone.aspx](https://www.minerals.net/gemstone/zircon_gemstone.aspx)  
<https://www.minerals.net/mineral/zircon.aspx>  
<https://geology.com/minerals/zircon.shtml>  
<https://www.gemselect.com/gem-info/zircon/zircon-info.php>

-Article compiled by Richard Tracey



# 53rd Annual Gem, Mineral, Jewelry, Bead and Fossil Show

Saturday, November 23 & Sunday, November 24



We rocked the Annual Show this year with attendance that was 30% up from last year! Sales appeared to be way up too, and many vendors requested bigger booths for 2020. A big shout out to our Social Media Organizer, Sibel Bode, for the huge boost. Sibel, you're a rock star!

## *Oh, what's a show!*

KIDDY KORNER, below, was new for 2019 and was a huge hit with the little ones. A big thanks to Shirl-Lee Rosenberg for her hard work putting this together!





# 53rd Annual Gem, Mineral, Jewelry, Bead and Fossil Show (continued)

## Display Case Winners

### Judge's Choices:

1st Place Arlene Lazzaro

2nd Place Dianna Ray

3rd Place John Speier

### Peoples' Choice Winners:

1st Place Arlene Lazzaro

2nd Place Eleanor Heilner

3rd Place Tristina Dietz-Elmes



1st: Arlene Lazzaro



2nd: Dianna Ray



3rd: John Speier

## 2019 SHOW COMMITTEE

Show Chairmen  
Demonstrations  
Information Area  
Signage & Drawing

Walter Triche  
Kelly Azor  
Jenny Wright  
Lo Rain Dudley  
Jenny Wright  
Clara Pflueger  
Dianna Ray  
Sibel Bode  
Jenny Wright  
Barbara Ringhiser  
Clara Pflueger  
Walter Triche  
Barbara Ringhiser  
Dennis Rietwyk  
Laura Phillips  
Barbara Ringhiser  
Lo Rain Dudley  
Shir-Lee

Volunteers  
Advertising

Rosenberg  
Walter Triche  
Dianna Ray  
Susan Cairl  
Laura Simmons  
Grant Simmons  
Lo Rain Dudley

Exhibit Cases  
Vendor Coordinator

Mine Area  
Program

Jr. Rockhound Area

Show Setup

Multimedia

Prize Drawing



## Member Highlight:

# Dianna Ray

If you've been in the club for awhile, you've no doubt talked to Dianna Ray. She's been with the club for about eight years and has served on the board as a past Secretary, and this year, as the 1st Vice President. She also does a lot of behind-the-scenes tasks, such as scheduling the volunteers for our annual show, and organizing attendance and logistics for many of our club events.

Dianna "caught the bug" for gems when she went on a vacation, intending to go to Dollywood in the Smokey Mountains, but instead wound up spending several days panning for gems in Cherokee, NC. She and her boyfriend Rick came home with lots of gems and a new passion for gems and minerals! Once home, she googled around and found out about the Gem and Mineral Society, and immediately joined. She also joined the St. Lucie club and is an active and enthusiast member of both.

Dianna's first passion is lapidary arts, but she's also well known for her beautiful gem trees, which she learned from another well-known artisan, Jerri Herr. More recently, she took a Silver-smithing class at the St. Lucie club and has been honing her skills with metals. Over the years, she's taken a number of classes offered at our club, such as Cabbng with Jeff Ursillo, Wire Wrapping with Debbie Kachman, and Copper Etching with Arlene Lazzaro. She's also taken some Silversmithing classes at William Holland. Her daughters Kourtney and Kaysie are also passionate about gems, minerals, and jewelry making. Dianna hasn't been on a dig yet, and she's eager to do that, as soon as she can find time between her current roles at home, in the two gem clubs, and alas—a full-time job!

Dianna's enthusiasm is contagious and her energy seems boundless. Currently, she's working on coordinating the menu for our upcoming Holiday Banquet on December 7th. She's the one you'll be contacting when you reserve your spot(s) at the Banquet. Her wish for the club is to grow, expand, and share the passion, and she's doing everything in her power to make that happen.

Thank you, Dianna, for your dedication to the 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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# **HOLIDAY BANQUET**

**Saturday, December 7 at 6:00 PM**  
**Multi-Purpose Center at the Science Museum**  
(our usual meeting place)  
**4800 Dreher Trail North**  
**West Palm Beach FL 33405**  
*Catered by Too Jays*

**\$10 for members who volunteer 4 hours or more at the show**  
**\$20 for non-volunteers and guests**  
**80 person maximum**



## **GIFT** **EXCHANGE**

**\$10 value - lapidary related**  
**Mark for Man, Woman, or Either**

## **CENTERPIECE** **CONTEST**

**Prizes for 1st, 2nd & 3rd places**



# **RSVP**

**Reserve your place!**  
**Dianna Ray (561) 707-6753**  
**Call in the evening or**  
**Text anytime**

# THE LARGEST AND MOST SIGNIFICANT BLACK GEM

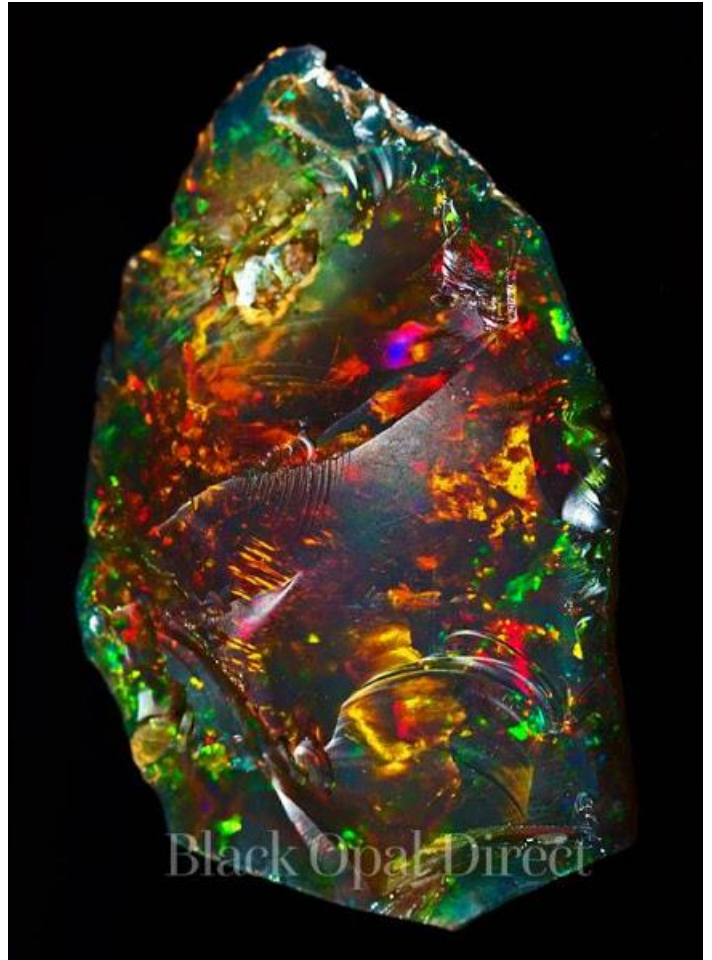
From [geologyin.com](http://geologyin.com)

A mammoth 568 carats “The Eternal Flame” is the largest and most significant black crystal ever found. What makes it even rarer is its origin. The volcanic soils of coastal New South Wales, Australia are replete with bands of obsidian and quartz but only small finds of volcanic opal – nothing like the great inland fields of Lightning Ridge, Coober Pedy and Queensland.

Full of fire and wonder it glows like a prehistoric magic flame and harks back to a time when the earth was undergoing massive geological upheaval. The colour is unflinching and majestic, daring you to find an inferior angle. It holds a power that is bewitching.

The volcanic region of eastern Australia created the most unusual of all Australian opals. Tintenbar crystal is volcanic and ethereal. The opal fire is soft and gem edges are water worn, indicating an alluvial nature. The pieces found are usually small under 10 carats. They are collectors oddities for the most part.

By contrast “The Eternal Flame” is so named for the fire which burns bright within. A large piece of black crystal opal it rivals the best of any found on the fields of Lightning Ridge. Stored dry in a vault, forgotten for



over 40 years, the opal remains in pristine condition with no water wear. Opal experts including us have never seen anything like it and could not conceive of such an opal existing.

*The above story is based on materials provided by [Black Opal Direct](http://www.blackopaldirect.com).*

*Read more at <http://www.geologyin.com/2017/08/the-largest-and-most-significant-black.html#g7WiTfQOImVmf72u.99>*



## Jewelry Making Bench Tips

By Jeremy Pavlow at [ganoskin.com](http://ganoskin.com)

Jeremy Pavlow shares his common jewelry making bench tips by taking advantage of other tools and materials not normally used for jewelry making. Here are some very useful tips he uses around the shop every day.

### Not Just For Oral Hygiene

I use a motorized throw away toothbrush, such as a Crest spin brush, on articles that need a quick cleaning. I let the brush do all the work. It gets behind stones perfectly without scratching polished pieces. I keep the brush next to the ultrasonic at all times for quick dipping.

### Fast Food, Fast Find

I use small paper cups (the kind fast food restaurants have for condiments) to hold my parts. I keep them handy on my bench to hold jump rings or sizing pieces. I label them on the side for quick spotting.

### Loop-De-Loupe

I attach my loupe to my bench pin with a string just long enough to dangle a bit. It's always there when I need it.

### Bottoms Up

I rubber banded a bottle cap to my bench pin for a pool of oil for my setting burs. It's always there when I need a quick dip.

### Nail It Down

Don't think it's not possible- you can nail that runaway pedal easily. Just find the right hole and attach it to the floor. Velcro does a good job also.

### Eye This

I use a small empty eye drop bottle for my flux. Soldering has never been easier. Just drip it on and solder away.

### Java Jewels

Use coffee filters to clean your plating solution. It works best if you pour the solution through the filter while the solution is hot. Then throw the used papers in with your sweeps.

### Forget Those Lighters

I know it's quick but it is not safe. Never keep a lighter around a flame. Look into getting an electric starter. They are available in most suppliers catalogue.

### Tarn X

This stuff is awesome. Keep a beaker full of it near the sink to dip your tarnished gold or silver. Make sure you rinse well, and cover the beaker when not in use.

### More Dental Fun

My dentist gave me some of his old dental picks. They work great. Grind them to a tip and use them for solder picks, to unknot chains, apply glue, and to check for loose stones. These are just some of the uses I've found. Explore away!

### Soft Sounds

If you use a mini anvil or bench block on your bench, you can curb all the hammering noise by putting a flat piece of cloth under it. What a difference.

## Sunshine News



**Wishing an easy recovery to Charlotte Simo, who is suffering from a broken ankle.**

**Deepest condolences to the family of K.C. Foster after the loss of her beloved mother in Michigan.**

**Also, K.C. Foster, we're so sorry to hear your car was recently totaled, but thankful that you weren't injured. We understand your new car is a beauty!**

**A big thank you to Amber Griggs, Dori Lawson, and Lorna Hayes for serving food to the vendors at our 2019 Show.**

**The shop is open on Saturdays from 10 AM to 2 PM. Come down and make use of it!**

**The holidays are here. Please drive safe and sound!**

**Our *Holiday Banquet* is coming up on December 7. Center pieces are needed! Please contact *Lo Rain Dudley* at 561/827-5793 if you would like to donate one. Our theme this year will be *Ugly Christmas Sweaters*.**

**Exchange holiday gifts at the Holiday Banquet! If you wish to participate, please bring a wrapped gift, and label it Male, Female, or either.**



# 18 Geological Facts That Might Surprise You

From [geologyin.com](http://geologyin.com)

1-There are 18 volcanoes in the US with the potential to erupt again, all of them in Alaska, Hawaii and the West Coast states.

2-Rubies and sapphires are actually the same mineral - corundum. The basic chemical formula of corundum is  $Al_2O_3$ , but traces of iron stain the mineral red (ruby) while traces of chromium or titanium stain the mineral blue (sapphire).

*[GMSPB Editor's Correction: Rubies actually get their red color from chromium, while sapphires get their blue color from both titanium and iron.]*

3-Rubies, sapphires and emeralds are all more rare than diamonds.

4-Not all diamonds are transparent. They come in a variety of colors (called "fancies"), including yellow, green, blue, orange, brown ("champagne"), purple, grey, black (called carbanado, recently shown to be meteoric), milky white, pink, and red. Red is by far the rarest.

5-Antacids taste like chalk because they ARE chalk, a.k.a. calcium carbonate.

6-Will Yellowstone spawn a "supervolcano" that will destroy the US? ANSWER: Probably not. The amount of rhyolitic magma just beneath the surface of Yosemite is relatively small at present, so even if it eventually "erupts" through the surface, should cause minor lava flows rather than a large supervolcano-type eruption. (For those who are still hoping the Mayans were onto something, however, a supervolcano-type eruption is technically possible. USGS sets the odds of such an event occurring in the next few thousand years at 0.00014% .)

7-The Gulf of California is a spreading zone - many millions of years from now, it will be an ocean.

8-The earth is slipping along the San Andreas fault at a rate of about 2" per year. This means that in about 15 millions years Los Angeles and San Francisco will be neighbors.

9-The Great Lakes, combined, contain more than 20% of the world's available fresh water. (Doesn't count underground aquifers or polar ice)

10-People experiencing earthquakes in the Great Lakes

region have the glaciers to thank - the earth there is still "rebounding" from having been smushed by glaciers during the last ice age. ("Smushed" isn't actually a geological term, but it should be.)

11-What country owns Antarctica? ANSWER: No one - there's a treaty that establishes Antarctica as a "neutral zone" ... though no telling how much longer this will go unchallenged, since melting due to global warming has begun exposing huge oil reserves beneath Antarctica's surface.

12-People who wade into the Dead Sea automatically float. Dissolved salts make the water so dense, humans are less dense in contrast and so float.

13-What is the most earthquake-prone state in the US? ANSWER: Gotcha! It's not California, but Alaska.

14-What is the most dominant element in the air we breathe? ANSWER: Gotcha again! Our atmosphere is 80% nitrogen.

15-Iceland looks huge on a regular map, but it is approximately the size of Kentucky. This is because the Mercator projection map we use to make lines of latitude and longitude lie flat inadvertently makes countries nearer the poles appear HUGE.

16-Why doesn't the earth have as many craters as the moon? ANSWER: We do - but our craters have gradually eroded away or been overgrown by vegetation.

17-About 200 million years from now, Asia and America will collide to form a supercontinent centered around the north pole. Scientists already have a name for it: Amasia. (Because apparently scientists are better at predicting stuff than they are at naming stuff.)

18-Every so often our magnetic poles "reverse" - the north pole and the south pole reverse their magnetism. Scientists estimate this could happen again about 1000-2000 years from now. (So start relabelling your magnets now!)

Read more at <http://www.geologyin.com/2016/03/18-geological-facts-that-might-surprise.html#DvmClSzmCRDIWYqs.99>

## Free Online Class—Cathedral Windows Ornament

Tuesday, December 10 at 1:00 PM

Teacher: Debbie Griffith-Brown



*This is a live, interactive lesson on your computer. Debbie Griffith-Brown is an experienced and talented beader who has been teaching classes for over ten years. This class is offered via Microsoft's streaming service, Twitch. You can find the materials and tools at any bead store.*

### MATERIALS REQUIRED:

Seed Beads, Size 15—1 gram  
Seed Beads, Size 11—5 grams  
Glass Pearls, 3mm—20 pieces  
Glass Pearls, 4mm—20 pieces  
Crystal Bicones, 4mm—100 pieces  
Glass or Plastic Ornament—2.5" Round—1 piece

### TOOLS REQUIRED:

Beading Needles, Size 10 or 11  
Beading Thread, 6 lb (preferred) or 8 lb

### HOW TO SIGN UP FOR THIS CLASS:

1. From your computer (not phone), go to [Twitch.TV](https://www.twitch.tv) and register for a FREE account.
2. Search for SouthernBeadz and "Heart" it. (Note the Z in the name!)
3. If you have Amazon Prime, sign up for Twitch Prime at no extra charge. Your lessons will always be free, as this is a Prime perk.
4. Click the bell icon to get notifications for upcoming lessons.
5. Return to the Twitch web page at 1 PM on December 10. Enjoy!

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

Sunday, January 19, 2020 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.*







**Gale Langford**  
**Leslie Markowitz**  
**Paul Perryman**  
**Laura Phillips**  
**Irene Platt**  
**Dianna Ray**  
**Josey Stamper**  
**Jen Ursillo**  
**Patricia Varnon**

*"When I was young, the  
Dead Sea was still alive!"*  
- George Burns

## Learn to Cut Your Own Cabochons!

Saturdays, starting January 4, 2020  
11 AM—1 PM

Instructor: Lee Miller

(The exact dates and times are subject  
to negotiation with Instructor.)

*This six-session cabbing class begins in early  
January. The classes are three hours long, and the  
dates and times may be adjusted, depending on  
the schedules of the  
members who sign up.*

*If you want to sign up or  
you have questions, please  
contact Lee Miller at  
561/389-8584 or  
wilfredl2244@yahoo.com.*



**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 – FIU Geology Dept Booth

**Sat & Sun  
Dec 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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[www.miamigemandmineral.com](http://www.miamigemandmineral.com)

**Miami Semi-Annual  
Gem, Jewelry, Mineral  
& Fossil Show**  
December 14-15 \* 10 AM—5 PM

**EVELYN GREER PARK**  
**8200 SW 124 Street**  
**Village of Pinecrest, Florida**  
Just south of Miami and one block off US 1.

*Admission is \$6 – children under 12 admitted free with  
paid adult admission. There will be exhibits, displays,  
demonstrations, raffles, and vendors with mineral &  
fossil specimens, gemstones, fine jewelry, and artisan-  
crafted collectibles. Children's activities include jewelry-  
making sessions, surprise grab-bags, gem prospecting,  
and geode splitting.– and we're having the  
participation of the FIU GEOLOGY Department!*

[mmlg-inc.org](http://mmlg-inc.org)

## The Geologist's Lament

By RL Frism (Lodestone 1940)

Gather 'round me, hear my story,  
I'm a rockhound in distress:  
I'm a rockhound bathed in troubles.  
I'm an outcast, more or less.  
I have fossils in the kitchen.  
I have crystals in the Hall.  
I have min'erals in the bathtub.  
I have relics on the walls.  
I have oxides on the carpet.  
I have oil upon the floor;  
I have black light in the parlor;  
I have bones behind each door.  
Attic rooms are fairly sagging;  
Flat rocks pave the cellar floor-  
Pockets bulge with gemmy pieces.  
All this and millions more.  
Wifey thinks that I am goofy:  
I don't know: she may be right;  
She insists I've silicosis  
or some horrid form of "ite"  
Says my head is lined with agate  
(Freak replacement of the bone);  
Claims my brain is just a nodule,  
Says my heart has turned to stone.  
Threatens me with separation:  
Storms about our rock-lined home;  
Says my life is just a geode  
Or a hunk of mammal bone.  
Are you rated as a fossil?  
Or obliged to live alone?  
How can you maintain a hobby,  
And still have a happy home?

- from [www.owlcation.com](http://www.owlcation.com)

## UPCOMING EVENTS

December 6-9, Hudson, FL: **45th ANNUAL WITHLACOOCHEE ROCKHOUNDS GEM SHOW.** Veterans Memorial Park, Hudson, FL. 9-5 on Fri, Sat & Sun. [www.withlacooccheerockhounds.com/annual-gem-show](http://www.withlacooccheerockhounds.com/annual-gem-show)

December 14-15, Miami, FL: **MIAMI GEM, JEWELRY, MINERAL & FOSSIL SHOW.** Evelyn Greer Park, 8200 SW 124 Street in the Village of Pinecrest. 10-5. [www.mmlg-inc.org](http://www.mmlg-inc.org)

January 10-12, Largo, FL: **PINELLAS GEOLOGICAL SOCIETY'S 44th ANNUAL GEM, MINERAL & JEWELRY SHOW and SALE.** Central Park Performing Arts Center, 105 Central Park Drive, Largo, FL. Fri & Sat 10-5; Sunday 12-5. For more information contact 727/709-3236.

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=IwAR2zclomNwYZ8VKpYZ-hEn\\_OORxz2gxau0VV3YwuiaDwjzIKxMOx8NOYG0#bcTfcb7ksLdJi1q.99](http://www.geologyin.com/p/with-literally-hundreds-of-places.html?fbclid=IwAR2zclomNwYZ8VKpYZ-hEn_OORxz2gxau0VV3YwuiaDwjzIKxMOx8NOYG0#bcTfcb7ksLdJi1q.99)

## It's Time to Renew for 2020

*It's that time of the year!*

*Membership forms are available on the next page, and also at club meetings. Online membership signup and renewal is also available on the club website under the About menu.*



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



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

**Check ONE Only: \***

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

**Check ONE Only:**

- \_\_\_ New Membership  
\_\_\_ Renewal Membership

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

NAME: \_\_\_\_\_ Month & Day of Birth: \_\_\_\_\_

SPOUSE OR PARTNER: \_\_\_\_\_ Month & Day of Birth: \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, STATE ZIP \_\_\_\_\_

HOME PHONE \_\_\_\_\_ CELL PHONE \_\_\_\_\_

SPOUSE'S PHONE \_\_\_\_\_ CELL PHONE \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

SPOUSE'S EMAIL \_\_\_\_\_

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

CHILD'S NAME \_\_\_\_\_ mm/dd/yyyy of Birth \_\_\_\_\_

CHILD'S NAME \_\_\_\_\_ mm/dd/yyyy of Birth \_\_\_\_\_

CHILD'S NAME \_\_\_\_\_ mm/dd/yyyy of Birth \_\_\_\_\_

CHILD'S NAME \_\_\_\_\_ mm/dd/yyyy of Birth \_\_\_\_\_





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

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

Signature \_\_\_\_\_ Date: \_\_\_\_\_


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

# DECEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Open Shop 10:30AM - 5 PM General Work Samantha 631/764-6556	3 <b>MEMBERSHIP MEETING 7:30 PM</b>	4	5 Open Shop 12:30-3:30 PM General Work Dennis 561/255-0292	6 Open Shop 6-9 PM General Work Susan 561/293-1298	7 Open Shop 10-2 General Work Lee 561/389-8584 <b>HOLIDAY BANQUET 6:00 PM</b>
8	9 Open Shop 10:30AM - 5 PM General Work Samantha 631/764-6556	10	11	12 Open Shop 12:30-3:30 PM General Work Dennis 561/255-0292	13 Open Shop 6-9 PM General Work Susan 561/293-1298	14 Open Shop 10-2 General Work Lee 561/389-8584
15	16 Open Shop 10:30AM - 5 PM General Work Samantha 631/764-6556	17	18	19 Open Shop 12:30-3:30 PM General Work Dennis 561/255-0292	20 Open Shop 6-9 PM General Work Susan 561/293-1298	21 Open Shop 10-2 General Work Lee 561/389-8584
22 	23 Open Shop 10:30AM - 5 PM General Work Samantha 631/764-6556	24 	25 	26 Open Shop 12:30-3:30 PM General Work Dennis 561/255-0292	27 Open Shop 6-9 PM General Work Susan 561/293-1298	28 Open Shop 10-2 General Work Lee 561/389-8584
29 	30 Open Shop 10:30AM - 5 PM General Work Samantha 631/764-6556	31				



# JANUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			<b>1</b> 	<b>2</b> Open Shop 12:30-3:30 PM General Work BOARD MEETING 7:00 PM	<b>3</b> Open Shop 6-9 PM General Work Susan 561/293-1298	<b>4</b> Open Shop 10-2 General Work CABBING CLASS (tentative)
<b>5</b>	<b>6</b> Open Shop 10:30AM - 5 PM General Work Samantha 631/764-6556	<b>7</b>	<b>8</b>	<b>9</b> Open Shop 12:30-3:30 PM General Work Dennis 561/255-0292	<b>10</b> Open Shop 6-9 PM General Work Susan 561/293-1298	<b>11</b> Open Shop 10-2 General Work CABBING CLASS (tentative)
<b>12</b>	<b>13</b> Open Shop 10:30AM - 5 PM General Work Samantha 631/764-6556	<b>14</b>	<b>15</b>	<b>16</b> Open Shop 12:30-3:30 PM General Work MEMBERSHIP MEETING 7:30 PM	<b>17</b> Open Shop 6-9 PM General Work Susan 561/293-1298	<b>18</b> Open Shop 10-2 General Work CABBING CLASS (tentative)
<b>19</b> TRI-COUNTY PICNIC AT TY PARK 10 AM-4PM	<b>20</b> Open Shop 10:30AM - 5 PM General Work Samantha 631/764-6556	<b>21</b>	<b>22</b>	<b>23</b> Open Shop 12:30-3:30 PM General Work Dennis 561/255-0292	<b>24</b> Open Shop 6-9 PM General Work Susan 561/293-1298	<b>25</b> Open Shop 10-2 General Work CABBING CLASS (tentative)
<b>26</b>	<b>27</b> Open Shop 10:30AM - 5 PM General Work 631/764-6556 Samantha	<b>28</b>	<b>29</b>	<b>30</b> Open Shop 12:30-3:30 PM General Work Dennis 561/255-0292	<b>31</b> Open Shop 6-9 PM General Work Susan 561/293-1298	

# 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

NEW: We no longer ask you to call the shop steward before coming to the shop. If shop hours are listed on the calendar, the shop will be open. Phone numbers are listed in case you have a question for the shop steward.

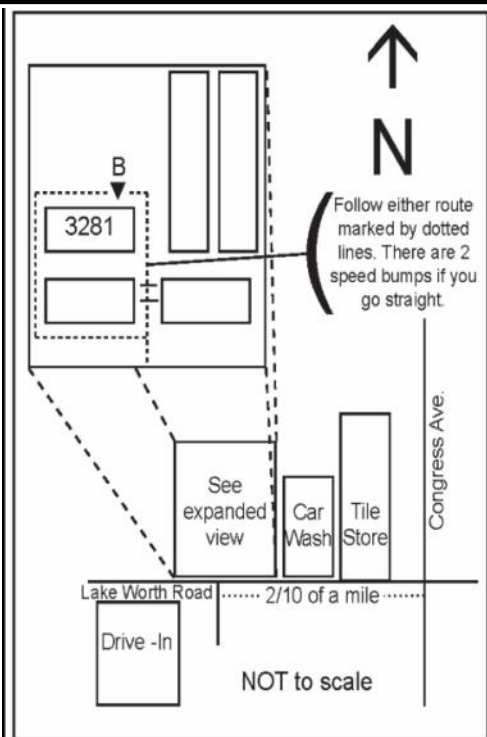
## Shop Report

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



## 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

### 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	Open	
Webmaster	Richard Tracey	561/318-6891

\*Denotes a Voting Member of the Executive Committee.

### WEBSITE

[www.gemandmineralsociety.org](http://www.gemandmineralsociety.org) or [www.gmspb.org](http://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](https://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.

*The opinions, beliefs and viewpoints expressed by the various authors in this newsletter do not necessarily reflect the opinions, beliefs and viewpoints of the Gem and Mineral Society of the Palm Beaches ("GMSPB"). GMSPB does not verify any claims made for accuracy, and is not responsible for the views expressed. Nothing contained herein constitutes any sort of professional advice, including but not limited to legal, medical, or financial advice. Any action you take based on information published in The Rockhound is strictly at your own risk.*

Send comments or submissions to [laurajeanphillips@gmail.com](mailto:laurajeanphillips@gmail.com)