



# The Rockhound

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

**www.gemandmineralsociety.org**  
**November 2019 Volume 53 Issue 1**

## President's Message

Greetings, Rockhounds!

It's almost Showtime - in less than a week, it will be time for our 53rd Annual Show! Please consider volunteering if you are at all able; check out the information and forms elsewhere in this issue for more details, or contact Dianna Ray. In addition to volunteering for a regular shift, you can also contribute by sharing an exhibit (contact Clara Plueger), working in the all-new Kiddie Korner (contact Shir-Lee Rosenberg) or doing demonstrations of your favorite part of our hobby (contact Kelly Azor). You can also help by liking the Club on Facebook (<https://www.facebook.com/gemandmineralspb/>) and sharing the event post (<https://www.facebook.com/events/417771518946515/>). Or, just tell your friends, and anyone else who will listen!

Please remember that our November meeting will be held on the third Thursday of the month, right before the show. There is no conflict with Thanksgiving, so we'll see you there!

The December meeting has been moved earlier in the month to accommodate our election process and to minimize conflicts with the Holidays. The December meeting will be held on Tuesday, December 3rd, at the Multi Purpose Center, at 7:30 PM, and Officer Elections for 2020 will take place at this meeting. All of our current elected officers have agreed to continue in their roles, so the slate is the same as our current leadership. As always, nominations may be made from the floor.

See You Soon!

— Laura Simmons, President

## Membership Meeting

**Thursday, October 17**  
**7:30 PM**

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

### David Taylor

Club member David Taylor will show some of the 3000 photos that were taken on his family's two week vacation to Zion National park, Bryce Canyon, the Grand Canyon and Meteor Crater in Utah.

## 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.

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# November Birthstones: Citrine and Topaz

November has two birthstones, citrine and topaz. In ancient times all yellow gems were called topaz. In reality citrine and topaz are different minerals. Citrine is a type of quartz and topaz is an aluminosilicate. More modern methods of course discern the difference between the two minerals and now we know that topaz comes in many colors besides yellow to brown.

## Citrine



Citrine is quartz which is discolored by traces of iron (Ferric or Iron III) which gives it the yellow to brown color. Most citrine on the market is prepared by heating other varieties of quartz, most commonly amethyst. There are also crystals called ametrine which are part amethyst and part citrine.

Citrine, like other quartz crystals, has a hardness of 7 on the Mohs scale which makes it durable for use in everyday jewelry. The availability of Citrine makes it one of the most popular and affordable gems on the market.



## Topaz

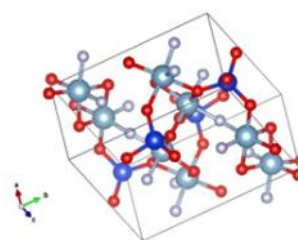
Topaz gets its name from the ancient Greeks who called it Topazios, the name for an island in the Red Sea. The stones mined on the island of Topazios (now called St. John's Island) were probably not topaz. In the 19th century prized pinkish orange topaz was mined in the

Russian Ural Mountains. This topaz was called imperial topaz and was all owned by the Russian Czar. In history all topaz was yellow to brown but topaz actually exists in many colors from colorless to pink to red to blue. The traditional November gemstone was orange topaz



Photo by: Rob Lavinsky, iRocks.com

Topaz is an aluminosilicate mineral containing fluorine. It has a hardness of 8 on the Mohs scale making it very durable for jewelry use. The chemical formula is:  $Al_2SiO_4(F,OH)_2$ . The structure is similar to that of corundum



(ruby and sapphire). In its pure state topaz is colorless but if a small amount of the aluminum is replaced by a transition metal ion then it will pick up color. Chromium III will make the Topaz pink to red. Iron of course gives the

yellow-orange-brown colors.

### References:

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

<https://en.wikipedia.org/wiki/Quartz#Citrine>

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

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

<https://www.gia.edu/topaz-description>

-Article compiled by Richard Tracey



Cindi was born in Brooklyn, NY. As a child, she appreciated and was interested in rocks. She loved the natural history museum in New York, but her real favorite is the natural history museum in Washington, D.C.

As an artist, she has an appreciation for nature's beauty. In college, among the pictures she painted were those of a geode and malachite. Every room in her house has a rock, mineral, or crystal. Her favorites are usually anything purple. She's a "purple" person. She loves amethyst and purple mica. She and her husband, David, made a trip to the Hogg Mine. She loves the thrill of the search and finding things.

Her son, Ben, has always been interested in searching for rocks and panning for gemstones. He loved to bring rocks and geodes to school and do show and tell. As he got older, Cindi encouraged him to do research and investigation on the minerals, and to do a paper. In the future, he wants to become a mineralogist. Multiple summer family vacations have helped him build a rock and mineral collection which he has shown as a member of the Boy Scouts. As a former teacher, Cindi teaches an earth science class on rocks and minerals to the Cub Scouts. They learn how the rocks were formed and how to identify the different minerals.

Cindi would like to learn jewelry making. In high school she took a metal cutting class. She wants to take a wire wrapping class in the near future.

To Cindi, rocks and minerals are God's own artwork.

### 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**

# ROCK AND MINERAL COLLECTING FOR BEGINNERS

From The Arkenstone: <https://www.irocks.com/rock-and-mineral-collecting-for-beginners>

Collecting rocks and minerals is an exciting and rewarding hobby – full of fun, adventure, and hands-on opportunities to learn more about our world's geology – all while building an important anecdotal and historical record.

For those of you beginners who are interested in exploring

the amazing world of rocks and minerals – here are some tips for starting and maintaining an excellent collection, sure to bring you joy for years to come!

1. Do the research. Start close to home, by exploring your area's geology – what minerals and rocks are present in your current locale? Are there any interesting geological features, or caches? By familiarizing yourself with the samples available near your home base, you can get used to using the tools of the trade, and practice your collecting skills, without venturing out into unfamiliar territory. Read [The Wisdom Pocket Blog](#) or check out some of our [recommended reading lists](#).

2. Join a club. What better way to learn about collecting, than to connect with others who share your interest? Your local mineral collector's club is a great place to learn more about your area, as well as the best approaches to collecting. There is no reason to recreate the wheel, when you can benefit from the knowledge of those who are more experienced – and collector's clubs are also a great way to learn about other gatherings, events, and expeditions. The



American Mineral Federation lists contact info for many [local collecting clubs](#).

3. Gather the tools. If you decide you want to self-collect, acquire some basic equipment – though you don't need to invest in expensive tools to get started. A great beginner's toolkit should include safety glasses, a short-handled shovel, a

good rock hammer or geologist's pick, a mallet, a chisel, a bucket, work gloves, and a pair of sturdy boots – all of which can be found at most hardware stores, or your local tool shop. Don't worry about advanced equipment – you can always add more sophisticated items to your toolkit as your collection of specimens grows, and hone your collecting technique.

4. Catalog your collection. As early as possible, begin keeping a catalog or database of your specimens. At the very least, maintain a record which identifies each specimen by a unique name or number, its mineral and varietal names, the year mined, and locale details (including the mine name, as well as specifics such as depth of find or level). Including the price paid for purchased specimens, and any other details regarding their previous history or display can also be helpful in determining the value of your collection, in future. If you like digital cataloging, new cataloging software options are coming to the market, including [MineralDesk](#), which launched at [Munich Show 2014](#).

## ROCK AND MINERAL COLLECTING FOR BEGINNERS (CONT.)

5. Keep the labels. When acquiring specimens from others, make sure you save any identifying labels, records, or information which accompanies them. The history of your specimens is what makes them unique – and, in some cases, distinguishes them as rare. This information adds to the story or provenance of your collection, and helps add additional interest and value to your collection.

6. Use reliable reference sources. It's a great idea to invest in a good reference book, or other resource materials and publications. John Sinkankas' book, [Field Collecting Gemstones & Minerals](#) is an excellent choice, as is the periodical publication [The Mineralogical Record](#). For a list of other recommended sources on rock and mineral collecting, visit our reference page here.

7. Learn how to properly trim and display your collection. Study the display of pieces you admire, and you'll learn a lot about how to trim your pieces properly. By learning what helps make a quality specimen stand out, you'll begin developing an eye for display which will help you trim and balance your display pieces, when you're ready to invest in the tools. Contact us if you need advice or recommendations on cleaning or trimming fine mineral specimens. We also have a custom base lab located in The Arkenstone's Dallas gallery. You can view examples of the bases on our [custom base page](#).



8. Limit the size of your mineral collection. It may sound counter-intuitive, but invest in a nice display cabinet or case, and limit your collection to what fits inside. This will help you select your specimens with

discernment – and avoid the all-too-common scenario, in which a collection becomes unmanageable. There is no point in collecting pieces which lie unseen for years in storage – if you can't find the space to show off your collection, you may as well not own it! And, if you find yourself in need of a good downsizing – don't discount the opportunity for trade. You may find that by bundling your less desirable pieces, you are able to obtain one or two choice display specimens.

9. Develop your relationships. Many dealers travel far and wide, attending the best shows and symposiums, as well as visiting specific locales and interacting with other collectors. Once you've decided to define the focus of your collection, whatever that focus may be – develop your relationships with a few respected dealers. When you let them know what specimens you are interested in, you may find them willing to let you know when they come across a good deal, or an item of particular interest. Many dealers also maintain their own websites, which can be a wonderful resource for photos, articles, and news about recent finds.

10. Purchase quality. It may take you a while to develop an eye for fine quality stones and minerals – but as you learn more about the characteristics you are seeking, make sure you are buying the best you can afford. It is far better to own a collection with just a few stunning, high-quality display specimens, than to hold onto a large collection of mediocre pieces. Hold out for the finest specimens you can afford!

Above all else – have fun! Rock and mineral collecting is an adventure which allows plenty of opportunity for enjoyment. If you aren't having a good time, you're doing it wrong!

To view specimens of popular species, visit our [Themed Galleries!](#)

## Missing Mineral Collection

### A recent email from member Jen Runyan:

I'm looking for my mineral collection. A storage unit of mine was recently auctioned off on October 29 in error, and I'm trying to track my things down. I can list a few identifying parts of the collection: Fossilized lightning, trinitite, lots of celestite, a clear glass sphere, moldivite, beautiful labradorite cab in a black display box, and I can't remember the name of it but a facet quality piece of a translucent yellow green rare stone from Egypt. There was also an Egyptian statue/artifact (real, not a copy), but that may not show up.

*Please keep in mind that these items are in the hands of people who acquired the specimens honestly and without knowing they were sold in error. Please treat them respectfully.*

Contact Jen Runyan at 561/412-6634 or  
[morocket@aol.com](mailto:morocket@aol.com).



**Keith Klein \* Lynda Koehler**  
**Mark Kucera \* Shakeera Maragh**  
**Lee Miller \* Matt Tinker**  
**Barbara Torick \* Larry Truglio**  
**Mitchell Turk \* Mary Werner**

*"I will never be an old man. To me, old age is  
always 15 years older than I am."*

*- Francis Bacon*



**DEAR SANTA**

## Sunshine News



### Feel better, Mark Slutzky!

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

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

**TIP OF THE MONTH:** Drill Depth Gauge—Sometimes you need to drill a number of holes, all to the same depth. One quick way is to wind some tape around the drill bit where it touches the surface. The holes will be the same depth each time!

# How to Choose and Use Jump Rings

By Lisa Yang

From <https://www.thesprucecrafts.com/how-to-choose-and-use-jump-rings-339880>

Jump rings make jewelry connections and making a piece of jewelry without jump rings can be difficult. The jump ring is the connector of choice in a variety of jewelry making applications.

Some of the things jump rings are used for include:

- ◆ Hanging a pendant
- ◆ Connecting a clasp to a necklace or bracelet
- ◆ Extending the length of a necklace or bracelet

Jump rings solve all of these problems and more. For something that is so important, you may not be giving choosing the right size jump ring enough thought. After all, if the connection at the jump ring is weak, it's very likely the jewelry might break or be lost forever.

## Selecting the Size of Jump Rings

There are two facets to the size of a jump ring that matter:

**Diameter:** how large or small the ring is measured across the shape

**Gauge:** the thickness of the wire used to make the jump ring

As the size of the jump ring gets bigger (diameter increases), the thickness of the wire should increase for it to hold more weight.

For example, a 4 mm, diameter jump ring, made out of 20 gauge wire is a lightweight jump ring. A 4.5mm jump ring in 18 gauge wire is still small in size but will be considerably stronger.

To attach clasps on necklaces or clasps on bracelets, 6mm 18 gauge jump rings are a good choice. For lightweight earrings, 3.5-4mm 20 gauge jump rings are a size that works well.

Interestingly, not all vendors measure jump rings the same way. Some vendors measure jump rings by the outer diameter (OD) and others by the inner diameter (ID). Try to make sure you know which measurement is being used and be consistent buying jump rings in that size. The sizes in this article refer to the outer diameter size of the jump ring.

## Selecting the Best Shape Jump Rings

Do you mean that jump rings are not all round? Jump rings aren't all round. There are plenty of other shapes of jump rings, but the two most important when using jump rings as connectors are round and oval. Oval jump rings are important when you want to make sure a cord or chain link can't slip through the jump ring opening. By putting the opening on the side of the oval, the cord is not in contact with the gap, thus making it less likely to slip through the opening. For that reason, oval jump rings are always great to have on hand.

## Selecting the Quality of Jump Rings

Not all jump rings are created equal. In general, the highest quality jump rings are those made for creating a type of jewelry called chain mail. Chain mail (also spelled maille) is adornment (it can be jewelry or armor or a headpiece) made from metal rings linked together. Since mail design depends on the jump rings, they tend to be perfectly round with the joining ends smooth and perfectly closing. The jump rings are cut with a saw, not a blade like wire cutters. Because a blade pinches the wire, it tends to leave a slightly domed or pointed center with rough edges. This can make it hard to make the jump ring close tightly.

Of course, if you want to be sure your jump ring will never fail, you can get closed jump rings that are soldered shut. You must thread these on to your project as you make it though.

Another option is to use jump rings that snap closed. These are offered by a variety of manufacturers and are slightly more expensive, but they can be worth it for knowing that the jump rings will stay securely closed. A popular brand of jump rings that snap closed are called Snapeez, and you hear a snap when you have properly closed the jump ring.

## Types of Wire Used in Jump Rings

Jump rings can be found in sterling silver; gold



## Jump Rings (cont.)

filled, stainless steel, copper, aluminum and some other specialty metals such as niobium.

Sometimes your choice of material is obvious - as in knowing that a sterling silver charm looks and lasts best joined with a sterling silver jump ring. Other times, the color is important, but the silver colored ring could be made of stainless steel, silver coated copper, aluminum or any other alloys or coatings.

Regardless of the material used, the jump rings should be work hardened, which is a step in the manufacturing which makes the metal harder. Test a few jump rings to make sure the wire is not too soft to hold tightly closed. You can work harden jump rings by lightly twisting them from side to side, hammering the side with a rubber mallet or tumbling in a rotary tumbler.

### Proper Technique to Use Jump Rings

The best jump ring information is saved in this last section. Even if you get all of the first four criteria right, you'll ruin your jump rings if you open them the wrong way.

Always open your jump rings by twisting them open to the side NOT by pulling the ends apart. You will hold a pair of pliers in each hand, grasp the ring on either side of the opening and twist in opposite directions.

You can also use a jump ring tool in place of one pair of pliers. The jump ring tool is a ring that you put on the top half of your finger; It has slits that match the different thicknesses of jump rings. You find the slot that the jump ring fits best in, slide it in halfway with the opening above the slot and twist on the other side with your pliers. Learning how to use a jump ring tool can be super handy if you are using a lot of jump rings in a project.

If you give selecting your jump rings a second thought in your jewelry design, you will ensure many years of wearing enjoyment.

## DIY rock tumbler



## Learn to Cut Your Own Cabochons!

Have you been wanting to take our 6-session cabbing class, but haven't been able to because classes are on Friday nights?

Starting in January, we will be offering the series on Saturdays during the day!

We still haven't locked in the exact dates and times, but the classes will be three hours long, starting late morning or early afternoon.

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

# UPCOMING EVENTS

November 2-3, Tampa, FL: **60th ANNUAL GEM & MINERAL SHOW.** 10-5 both days. Plant City Strawberry Festival, Expo Hall, 303 N Lemon St, Tampa, FL. [www.tampabayrockclub.com](http://www.tampabayrockclub.com)

November 22-24, West Palm Beach, FL: **53rd ANNUAL GEM, MINERAL, JEWELRY, BEAD, & FOSSIL SHOW.** See details throughout this newsletter.

November 9-10, Melbourne, FL: **46th ANNUAL PARADE OF GEMS.** Melbourne Auditorium, 625 East Hibiscus Blvd., Melbourne, FL 32901. 10-5, both days. 45 Dealers displaying & selling Jewelry, gems, minerals, crystals, fossils, tools, rocks, slabs. Demonstrations; hourly prizes; grand prize, Children's Mineral Discoveries. [www.canaverall-mgs.com](http://www.canaverall-mgs.com).

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

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=IwAR2zcyjomNwYZ8VKpYZ-hEn\\_OORxz2gxau0VV3YwuiaDwjzIKxMOx8NOYG0#bcTfcb7ksLdJi1q.99](http://www.geologyin.com/p/with-literally-hundreds-of-places.html?fbclid=IwAR2zcyjomNwYZ8VKpYZ-hEn_OORxz2gxau0VV3YwuiaDwjzIKxMOx8NOYG0#bcTfcb7ksLdJi1q.99)

# Kiddy Korner

This is a new feature for our 2019 Show in November. Shir-Lee Rosenberg is putting together a fun area for the kids near the gem mine. There will be several stations with interactive activities. If you're child-oriented, outgoing, patient, and able to keep up with the kids, consider volunteering in this area!

Shir-Lee is in need of donations of permanent markers for Kiddy Korner. If you have some to spare or could buy some to donate, she would be grateful!



Find us on  
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**The Gem & Mineral Society of the Palm Beaches, Inc.**  
Is proud to present our  
**53rd ANNUAL Gem, Mineral, Jewelry, Bead and Fossil Show**

*Featuring exhibits, speakers & prize drawings!*

**November 23—24, 2019**  
**South Fl. Fairgrounds/ Expo Center East**  
**9067 Southern Blvd. / West Palm Beach, FL 33411**

ADULTS \$9  
2-DAY PASS \$14  
CHILDREN

**Saturday 9AM to 6PM**

The Gem & Mineral Society of the Palm Beaches, Inc.  
\*\*\*\*\*  
\*\*  
Present this Coupon for  
**\$1.00 OFF\*ONE ADULT ADMISSION**  
(Feel Free to Copy this Coupon)  
**LIMIT ONE COUPON PER PERSON**

**GEM MINING**  
**SPIN-THE-WHEEL GAME**  
(suggested donation \$1/spin)  
**GEODE CRACKING**  
**FREE PARKING**  
**PRIZE DRAWINGS**  
**DEMONSTRATIONS**  
**SPEAKERS**  
**EXHIBITS**  
**KIDDIE KORNER**  
**FACE & ROCK PAINTING**  
Proceeds from this event support  
GMSPB INC (a 501(c)(3) Corp.)

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

November 23rd and 24th, the weekend of our annual show, will be here before we know it!! Our 53rd!!! 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 2019 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 21st**

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 22nd and 24th**

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 23rd and 24th**

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.

### **INFORMATION TABLE - NOVEMBER 23rd and 24th**

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 - NOVEMBER 23rd and 24th**

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

**SHOW SECURITY - NOVEMBER 23rd and 24th**

Two to four people are needed for each 2-hour time slot. Responsibilities are to observe people, watch for those acting in a disorderly manner (for example, drunk, smoking, or shoplifting), and report it to Show Chairman, Committee Chairperson, Fairgrounds Security, or Armed Security. Show Security guards should NEVER confront or accuse anyone. They ONLY report the incident. Greeting the public in a friendly manner is also important. This position requires walking around or standing. PLEASE DO NOT SHOP OR SIT DOWN AND EAT DURING YOUR SHIFT.

**DEMONSTRATIONS- NOVEMBER 23rd and 24th**

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 22nd**

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 / GEODE CRACKING/SPINNING WHEEL GAME/NEW—KIDDIE KORNER**

NOVEMBER 23rd and 24th

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 gemstones at the flume area. Volunteers will be briefed on what gemstones are available in the mine. There will be cards available with 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.

3 people to man the 3 stations for children of all ages. There will be a face painter in this area. Activities include a cornhole game, activities about dinosaurs, and a raffle. Requirements for volunteers include being child-oriented, interactive, very patient, and able to be physically active (not sitting)

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 an extra busy area.

# VOLUNTEER FORM

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

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.

Dianna Ray  
561-707-6753  
countrycutie29@aol.com

Walt Triche  
561-628-1031  
wtriche@gmail.com

Barbara Ringhiser  
561-379-4307  
bar5678@aol.com

By mail:  
GMSPB Volunteers  
PO Box 18095  
West Palm Beach, FL 33416-8095

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Best time to call: \_\_\_\_\_ Email: \_\_\_\_\_

Positions interested in:

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(use additional sheet if necessary)

Please circle the shifts for which you are available:

Friday, Nov. 22 (set-up, lunch)

9-11am

11am-1pm

1-3pm

3-5pm

Saturday, Nov. 23

9-11am

11am-1pm

1-3pm

3-6pm (3 hours)

Sunday, Nov. 24

10 - Noon

Noon - 2pm

2 - 5pm (3 hours)





5 - ?pm (take down)

# November



Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 Open Shop 6-9 PM General Work Susan 561/293-1298	2 Open Shop 10-2 General Work Lee 561/389-8584
3	4 Open Shop 10:30AM - 5 PM General Work Samantha 631/764-6556	5	6 BOARD MEETING 7:00 PM	7 Open Shop 12:30-3:30 PM General Work Dennis 561/255-0292	8 Open Shop 6-9 PM General Work Susan 561/293-1298	9 Open Shop 10-2 General Work Lee 561/389-8584
10	11 Open Shop 10:30AM - 5 PM General Work SHOW COMMITTEE MEETING 7:00 PM	12	13	14 Open Shop 12:30-3:30 PM General Work Dennis 561/255-0292	15 Open Shop 6-9 PM General Work Susan 561/293-1298	16 Open Shop 10-2 General Work Lee 561/389-8584
17	18 Open Shop 10:30AM - 5 PM General Work Samantha 631/764-6556	19	20	21 Open Shop 12:30-3:30 PM SHOW SETUP MEMBERSHIP MEETING 7:30 PM	22 Open Shop 6-9 PM General Work Susan 561/293-1298 SHOW SETUP	23 53rd ANNUAL SHOW
24 53rd ANNUAL SHOW	25 Open Shop 10:30AM - 5 PM General Work 631/764-6556 Samantha	26	27	28 happy thanks giving	29 Open Shop 6-9 PM General Work Susan 561/293-1298	30 Open Shop 10-2 General Work Lee 561/389-8584

# 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</b> 7:30 PM	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</b> 7:00 PM
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				

# 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.

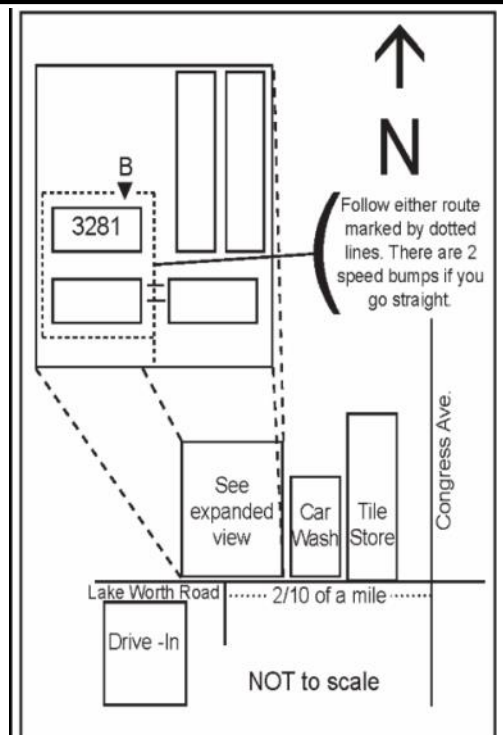
## Shop Report

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)