



Snoopy Gems

Volume 45 Number 9 September 2019
Mississippi Gulf Coast Gem &
Mineral Society Inc.



Email: mgcgms@bellsouth.net

MGCGMS Established in 1974

Presidents Message

Hello Members,

So we are getting close to our yearly gem and mineral show. I hope everyone is excited about it. Let's remember to get signed up for all of the jobs that need doing. The signup sheets will be at our next meeting.

We'll also have a speaker at our next meeting, as well as some unusual projects to work on. All of that will be interesting and promises to make our September meeting a special one. I hope you all make an effort to be there.

Patrick Barrett
MGCGMS President



Magnolia State Gem, Mineral, & Jewelry Show

September Workshop:

Project 1: Workshop for the wire wrappers by David Cook will be a Vine Design Bracelet with beads.

Materials: 6.5' of 21 ga SQ DS wire

2' of 20 ga HR HH wire

3" of 18 ga R

16 - 20 3 mm beads

8-10 6 mm beads



Vine design



Vine design bracelet with crystal and silver beads in Argentium silver wire.

Club has gold filled, Argentium silver and copper wire for sale. Bring your own beads and wire wrapping tools.

Project 2: Crochet Wire Necklace By Aurora King
Supplies:

1 spool of gauge 24, 26, or 28 On-A-Wire bead wire (depends on the size head you will use)

Crochet hook (d 3-3.125 mm)

Head caps

Clasps of choice

Jump rings

Tools:

Wire cutters

Flat & round nose pliers

Ruler

Mat



As always, we will have the club machines available for metal & gemstone testing, gemstone cutting, and cabbing.

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Meeting Minutes:

GULF COAST GEM & MINERAL SOCIETY

August 10, 2019



Called to order: 1:00 pm

Members in Attendance: 25

Meeting: President Patrick Barrett called the meeting to order. He advised all members to be aware when selling their items to consider the monetary value as cost of gold is currently rising. To purchase club wire is cash or checks currently & there is a pricing sheet.

Minute to Accept: A motion was made to accept the July minutes by Lisa Fitch & 2nd by Barbara Saavedra. Motion carried.

Treasury Report: Report given by Patrick Barrett. Barbi Beatty out this month. A motion was made to accept by Vicki Reynolds & 2nd by Judy Hall. Motion carried.

General Announcements: Gold & silver wire for sale: President Patrick Barrett continued to discuss wire purchase. Silver, copper & gold-filled wire is available for purchase. Members to keep a look at the costs of wire as gold has already gone up since we purchased wire. Wire sold per inch & foot at the cost per market prices when purchased.

Reports: Workshops: Barbara Saavedra taught a string beaded bracelet. David Cook taught another group how to wire wrap a ring. Next month David Cook will teach how to make a wire wrapped vine bracelet & Aurora King will teach a crochet wire beaded necklace.

Gem Show: Patrick Barrett stated contracts are coming in. Vicki Reynolds stated she put an ad in the Singing River Electric magazine for Oct & Nov with our Show info.

Library: Liz Platt brought the library & has several magazines & other items for all members to check out.

Sunshine: Reba Shotts sent out some cards & Jane Cook was at meeting & thanked all for her card & she is doing great.

Tools & Equipment: John Guglik stated that all machines are working good.

Membership, Newsletter, Badges, etc: 2 new members came in & joined. A new member packet will be distributed to these new members next month. Discussions were made to see if the club newsletter can be received earlier so project supplies can be purchased by meeting date.

Education & Projects: Speakers for Meetings: Patrick Barrett mentioned that Natalie Webb should have speaker for our Sept meeting.

Outside classes/ workshop programs: Info requested from the floor: Vicki Reynolds teaches 3rd Sat. each month at River Art Gallery in Pascagoula. A Lady teaching a silver metal clay class is available at \$125.00. Vicki Reynolds will look into seeing if a class can be taught for our club if enough members interested in silver metal clay.

Old Business: Patrick Barrett stated Natalie Webb agreed to stand in as VP & resign as Member at Large. John Guglik agreed to Member at Large. However, upon further discussions with all members present all in agreement since we are so close to Elections that club will wait for announcements from nominating committee for 2020 elections. Patrick Barrett asked if any members wanted to be on the nominating committee? Patrick Barrett & Liz Platt accepting so far. Any other members wanting to be on this committee to contact President Patrick Barrett.

New Business: Sign in sheets to work at the Gem show now available. Any members wishing to donate items for raffle for the Gem show to contact Lisa Fitch. Postcards available for all members to distribute. Liz Platt asked about revising the bylaws. President Patrick Barrett stated Board Members were in agreement to meet at 9:30 am on 9/14/19 at next Gem meeting instead of the project class.

Gemstone Education: John Guglik & Buddy Shotts spoke about peridot, sardonyx & spinel.

Door prizes: Door prizes were won by: Owen Schmidt, John Guglik, Barbara Saavedra, David Cook, Cheryl Rodriguez & Belinda Marcum.

Adjournment: 1:55 pm. Motion made by Lisa Fitch & 2nd by Harvey Marcum. Motion carried.

Report by: Cheryl Rodriguez MGCGMS Secretary.



Happy

September Birthday



Sapphire is September's birthstone. These beautiful and popular gemstones have been prized by many civilizations for their rich color. Sapphires have been worn by royalty and clergy for centuries. The gemstone was thought to attract wealth as well as protect its owner from envy and harm. Sapphires were also often associated with the heavens. Ancient Persians believed the blue color of the sky was caused by the reflection of sapphires. Sapphires are formed from corundum, an extremely hard and durable mineral. In fact, sapphires are second in hardness only to diamonds, making them a great alternative for unique wedding and engagement rings. Sapphires have long been associated with romance and are a traditional gift for 45th wedding anniversaries. Because sapphires are traditionally associated with a rich blue color, many people don't realize that natural sapphires come in nearly every color of the rainbow from pink and green to yellow, purple and black. In fact, the only color they don't come in is red. When gemstones in the family of corundum are red, they are rubies. The presence of various trace elements in its chemical composition is responsible for the different hues of this

Robert Boyd Bonnie Jenkins Liz Platt
Tres Lennep Candis McDuff
Rich Hart Cheryl Rodriguez



gem. Here are the various colors in which sapphires are available...

Blue Sapphire: They are the most popular of all the different types of sapphires, and are found in hues ranging from pale baby blue to an intense royal blue. Also, there is a cornflower blue variation of this sapphire which is well-liked for having the same beautiful blue hue as a cornflower.



Pink Sapphire: The presence of chromium gives this sapphire its distinct pink hue. Interestingly, some say that pink sapphires are lighter rubies as they have the same trace elements in lesser quantities. These sapphires come in hues ranging from light baby pink to an intense magenta. The feminine and delicate shades make this gem the second widely popular type of sapphire.



Yellow Sapphire: Nothing can match the delightful and bright beauty of a stunning yellow sapphire. The trace element iron in the chemical composition gives this gem its vivid hue. They exist in colors that range from greenish yellow to orangish-yellow. Their bright canary yellow hue is however the most loved by jewelry enthusiasts.



Star Sapphire: These sapphires are considered unique due to their special feature – ‘asterism’ which lends them a mystical beauty. This phenomenon simply indicates the presence of a six-rayed star, which can be seen floating on the surface of a cabochon sapphire. This gives them the name of ‘star sapphires’. They are available in almost all colors, although yellow, green and orange star sapphires are uncommon.



Fancy Colored Sapphire: A lesser known fact about sapphires is that they come in almost all the colors of the rainbow. Sapphires are found in purple, violet, peach, orange, green, brown and gray too. Also, there are colorless sapphires known as white sapphires. All these different types of sapphires are called ‘fancy sapphires’. They are exceptional and less available as opposed to their blue, pink and yellow counterparts.



Padparadscha Sapphire: One of the rarest and coveted sapphires is the padparadscha sapphires. The name is derived from a Sinhalese word signifying aquatic lotus blossoms that have an unusual salmon color. The color range of this gem falls within the blend of two colors, namely pink and orange. The distinctive beauty of this gem, combined with its spectacular hue makes these sapphires an absolute treat for the eyes.



What is Padparadscha Sapphire?

Padparadscha sapphires are not generally well known to the general public but gemstone collectors treasure them. They are very beautiful with colors that are amazing. Padparadscha is derived from a Sinhalese word for “aquatic lotus blossom” with a beautiful salmon color. The color for the padparadscha sapphire can range from a salmon color with a pinkish hue to an orange hue. They also tend to not be evenly colored; they can have color zones with pink and yellow hints around their salmon color.



Being So Rare...

With the Padparadscha Sapphire being extremely rare, they often times have asymmetrical cuts. Clarity is important in the padparadscha's because with their light coloration inclusions are easily revealed. High clarity may need to be sacrificed to obtain a brilliantly colored stone. It is difficult to find a padparadscha over two carats in weight. When one is found it is considered exceptional and extremely rare.

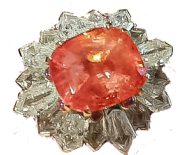
Where are they from?

Padparadscha's are also be considered rare because of their limited locale. They are commonly from Sri Lanka but are also found to be from Madagascar and Tanzania. The finest padparadscha sapphires are believed to come from Sri Lanka. Stones coming from Madagascar are usually found to be pinker in color than orange and they are sold for about 20% less than those from Sri Lanka. Padparadscha sapphires from Madagascar are at times heat treated to intensify their pink coloration. They are heat treated at very low heat temperatures, where as padparadscha's from Sri Lanka will be heat-treated at higher heat temperatures when heat-treated. The heat-treated padparadscha's from Madagascar are often recommended over the ones from Sri Lanka because of the temperature they are treated at.



Pricing Information

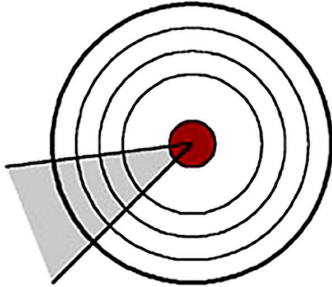
The padparadscha is by far the world's most rare sapphire. They have become a collector's stone and are generally purchased as quickly as they are found. Padparadscha's are sold at a price close to that of a fine blue sapphire and it is not unheard of finding them priced at several thousand dollars per carat. Padparadscha's are one of the world's most expensive gemstones, their value will vary due to size, quality and color.



BENCH TIPS

Buffing Wheel:

Always work just below the center of the buff wheel. Never raise the jewelry above a horizontal line even with the motor spindle, or lower it too far below. Both situations will cause the wheel to grab the item from your hand. For more Bench



Prong Pushing Tools:

Do not use highly polished tools to push prongs over stones. They will have a tendency to slip off the prong, and possibly damage the stone. Grind a groove in the face of your prong pusher and the jaw of your pliers you use for stone setting, which will lessen your chances of slipping. For more Bench



Cleaning used Gemstones:

When doing re-mounts, often the stones need to be cleaned before we can set them. A quick and easy method to clean them at the bench, is to place the stones in the palm of your hand, and sprinkle table salt over them. Then rub together with your finger. The abrasiveness of the salt will clean the toughest gunk off the stones, and the 2 to 2 1/2 hardness of salt makes it



Tips go to: <http://benchmagazine.com/benchtips>



Wildacres Sept 16-22

Advanced Casting with Bill Harr

This class will teach advanced silver casting for beginner and intermediate silversmithing. The emphasis will be on production centrifugal casting, meaning techniques for high reliability. The class will teach centrifugal and vacuum casting, wax modeling, sprueing, investing, burnout, casting, finishing and polishing, rubber mold making and wax injection. Steam casting will be covered if there is interest. Waxes will be available, and students will learn to inject their own. We will not spend much time on wax model making, but students will have that opportunity. Students will learn to make cast silver embellishments for their silversmith pieces. Students may bring items they wish to make molds of.

Prerequisites: Must have taken a previous casting class at SFMS,
preferably from Bill Harr

Lab Fees: \$100

Material Fees: est. \$100 - \$ Wow

Cold Connection with Morning Sherrod

This class will start with basic skills such as the proper use of a jewelers saw, hammering, patterns, doming with dapping blocks using a die cutter, and how to anneal metal. We will be using copper, brass, bronze, and silver to add color and character to your jewelry. Connections will be accomplished using rivets, jump rings, and wire. We will also learn about patinas and etching.

Prerequisites: None

Lab Fees: \$80

Material Fees: est. \$0 +

Silver I with Pattie Appleby

NO previous experience required! You will learn basic techniques of jewelry fabrication and metalsmithing by making pieces such as rings, bracelets, and pendants. Students will learn soldering with a torch, piercing, forming, finishing and stone setting. A materials fee of \$65 is payable at the beginning of the class and silver and/or copper may be purchased from Pattie for each project at a total cost of from \$50-\$150 (according to how many pieces you may make!)

Prerequisites: None

Lab Fees: \$65

Material Fees: est. \$50 - \$150

Electro Etching with Micah Kirby

Learn a design driven approach to Electro Etching. Gain knowledge using multiple masking techniques oil-based marker, vinyl, P-n-P, as resists on metal. Acquire experience with two, non-caustic and non-gas producing electrolyte solutions salt and cupric nitrate. Low voltage power supplies will be our power source to initiate etching.

Prerequisites: None

Lab Fees: \$150

Material Fees: est. \$0+

Stone Inlay with Chuck Bruce

Beginning Inlay Jewelry – Students will construct an inlay pendant (project 1),) and student choice after. Suggestions for project, Large Inlay pendant, inlay bead, Inlay Ring, Belt Buckle, and Cuff links. Students can bring basic silver tools, pocketknife or scribe, will have most tools needed. Students need to bring or purchase 2-3 slabs of rock that are similar hardness, Woods, Fossil Ivory and can be combined for inlay. Pattern stones do very well with plain colored stone. Expect waste rock.

Prerequisites: Cabochons & Silver I are both Very Helpful

Lab Fees: \$150

Material Fees: est. \$100 - \$300

Metal Clay with Judi Talley

In this class, I will introduce you to the fascinating medium of metal clay and demonstrate how every day moments in nature can be captured permanently in metal. While all levels of metal clay interest is welcome, I will be concentrating on capturing natural forms. Using gathered plant materials, we will make one fine-silver pendant, then expand into the alloy clays of bronze and brass, to experience the differences (and understand the challenges) between working with different alloys. We will also experience the wonder—and joy—of capturing leaf and vine into fine clays and finally into functional and beautiful pieces of jewelry. All levels of expertise are welcome to attend. You may bring your own tools if you wish, but don't feel like you have to bring anything but yourself!

Prerequisites: None

Lab Fees: \$75

Material Fees: est. \$0

Gem Identification with Teresa Polly

The course will be an Introduction to Gem ID. We will cover how to use a microscope, loupe, refractometer, polariscope, dicroscope, spectroscope and specific gravity set up to help identify stones. We will start with basic mineral identification. We will cover typical stone inclusions and how to tell natural stones from lab created stones. I will have a set of tools and stones to share but please feel free to bring your own. If you have stones you would like to ID we can work on those for show and tell.

Prerequisites: None

Lab Fees: \$10

Material Fees: est. \$0

Chain Maille and fused Chain with Roy Deere

Beginning, Intermediate, and Fused Chain-Maillé classes will be offered at the same time in August. Your projects will match your experience. Beginning and Intermediate class information is located below. Fused Chain-Maillé descriptions are located in the August Fused Chain-Maillé class. The fused class is open to all levels.

Prerequisites: Intermediate Solder Level

Lab Fees: Beginning - \$50

Intermediate - \$40

Fused - \$100

Material Fees: Beginning - est. \$50 - \$150

Intermediate - est. \$75 - \$250

Fused - est. \$100 - \$300

We always welcome new members!



Date _____ Mississippi Gulf Coast Gem and Mineral Society

http://www.mgcgms.org		Application for Membership
Individual: \$16.00	Individual +1 relative Same Address: \$20.00	Junior Under 18: \$6.00
Name: _____		Cell: _____
Name: _____		Cell: _____
Address: _____		Home Phone. _____
City: _____		
State: _____	Email 1: _____	
Zip: _____	Email 2: _____	
Members Birthdays		
Adult: _____	Birthday M/D: _____	
Adult: _____	Birthday M/D: _____	
Junior: _____	Birthday M/D/Y: _____	
Junior: _____	Birthday M/D/Y: _____	
Please Check All Applicable Interests		
<input type="radio"/> Beading	<input type="radio"/> Cabbing	<input type="radio"/> Jewelry Making
<input type="radio"/> Chain Mail	<input type="radio"/> PMC	<input type="radio"/> Lapidary
<input type="radio"/> Field Trips	<input type="radio"/> Faceting	<input type="radio"/> Minerals
<input type="radio"/> Fossils	<input type="radio"/> Wire Wrapping	<input type="radio"/> Silver Smithing
<input type="radio"/> Others: _____		
How did you hear of us? _____		
Please check the following: <input type="radio"/> I understand that my picture or likeness may be used in Society promotions. <input type="radio"/> I authorize MGCgms to include my contact information be included in Society listings for members to contact each other only.		
Signature: _____		
Signature: _____		

Mississippi Gulf Coast Gem & Mineral Society Inc.
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AFFILIATIONS

The Southeast Federation of Mineralogical Societies, Inc.
The American Federation of Mineralogical Societies, Inc.
S.C.R.I.B.E. (Special Congress Representing Involved Bulletin Editors)

OFFICERS 2018

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Member at Large	Natalie Webb (228) 355-4100

COMMITTEES

Membership	Barbi Beatty (228) 238-9900
Vendor Chair	Vicki Reynolds (228) 872-9286
Historian	Lettie White (228) 875-8716
Librarian	Liz Platt
Sunshine	Reba Shotts (601) 947-7245

AFFILIATIONS

ALAA	John Wright: Director
SFMS	John Wright: Past President
SFMS	Barbi Beatty: Treasurer & Insurance Liaison
SFMS	Buddy Shotts: Long-range Planning, Past President, State Director

Annual dues are:
\$16 Individual
\$20 (2) Members in same house hold
\$6 Junior

2019 Workshop/Meeting Dates

January 12 OS Library 9:30-3:45
February 9 Pink Rooster 9:30-3:45
March 9 OS Library 9:30-3:45
March 30 Club Picnic Seashore Methodist Pavilion 11:00-4:00
April 13 OS Library Mini Show 9:30-4:00
May 11 OS Library 9:30-3:45
June 8 OS Library 9:30-3:45
July 13 OS Library 9:30-3:45
August 10 OS Library 9:30-3:45
September 14 OS Library 9:30-3:45
October 12 OS Library 9:30-3:45
November 7 After Vendor Dinner 5ish
December 14 Christmas Party OS Library 11:00am-3:30pm

Dates subject to change.

Be sure to check each month!

The November meeting is the Thursday evening of the gem show after the dinner for the dealers at the Jackson County Fairgrounds Civic Center Building.

December will be our Christmas Party and Installation of Officers

Sept 2019

Sun	Mo	Tue	We	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

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<http://www.mgcgms.org>



The Mississippi Gulf Coast Gem & Mineral Society is a Non-profit Organization Dedicated to Education, Science, and the Lapidary Arts and Crafts

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