

Snoopy Gems

Volume 44 Number 1 January 2018
Mississippi Gulf Coast Gem &
Mineral Society Inc.



MGCGMS Established in 1974

Presidents Message



Members,

Hope you are ready for some good times instead of cold brrr or rainy weather. I have read, cleaned, done laundry, slept and tried to keep warm. Time for me to get motivated again. Hope you are ready also to learn more about the lapidary field and make some beautiful works of art.

Your board is ready to help but needs some guidance from you. What is important that you need to learn to progress to the next level in our field? What do you need to practice? Let us know so we can gather people and resources to make some of these things possible.

Remember to have your dues paid no later than 31 January and attend as many monthly meetings as possible. Be an active member!

Liz Platt
MGCGMS President

<http://www.mgcgms.org>

Email: mgcgms@bellsouth.net

Workshop:

We will be offering two wire wrapping activities for our first workshop of 2018.

First, Dave will offer WIRE WRAPPING 101 for newbies and those who need remediation. This will cover types, metals and gauge of wire, tools needed in wire wrapping and the basics of make bundles and wrapping them. Time permitting we will make a pendant using a cabochon and copper wire. Kits will be available for \$5.00.

For experienced wire wrappers, Vicky will lead a project on free style wrapping of a cabochon. This is for intermediate to advanced wire wrappers. Vicki will have stones & copper wire for sale. If you bring your own wire you will need to use 20 or 21 gauge square wire. Stones can be cabs or any flat type stone or bead. This project takes a lot of wire. If your stone is 3 inch circumference you will need 4 wires 9 inches long. That is Circumference X 3 X 4 pieces. It will be a total of 36 inches of 20 or 21 gauge square wire. Use formula above for the size of your cabochon. You will also need about 2 inches of half round 24 gauge wire. This takes time and patience. (Vicki will have stones available for \$3 to \$4 each. Square wire will be 20 cent a foot and half round will be free.)

David W. Cook
228-341-9944
dwcook@cableone.net



PO Box 857 Ocean Spring, MS 39566

Meeting Minutes:

MS. Gulf Coast Gem & Mineral Society, Inc.
November 9, 2017 Called to Order: 6:14 p.m.

Members in Attendance: 26

Meeting: President Liz Platt called the meeting to order and passed out the minutes from the October meeting for all to read for approval. John Wright brought the State Geological Map postcard to hand out. Minutes to Accept: President Liz Platt asked if there were any corrections to the minutes from October that she passed out to everyone. Cathy Marousky said, “yes that it is Sluice not sleuth”. A motion was made to accept the October minutes passed out by President Liz Platt with that one correction by John Wright and 2nd by Barbi Beatty. Motion Carried.

Treasury Report: None. After the show Barbi will put together a show report.

Committee Reports:

Show: Given by President Liz Platt & Vice Pres./Show Chairman Bill LaRue

President Liz Platt asked Bill if there any last-minute things for the show. Show Chairman Bill LaRue replied, “no” but to keep the doors locked until we open. Vicki R. will make a sign for the side doors and keep them locked. Smokers need to use the side doors to go smoke and not smoke at the front doors.

Displays: John Wright brought the Mississippi Opal and said to keep a watch on it. We are responsible for the Opal while it’s in our possession. There is only a piece the size of a loaf of bread in the whole world of the Mississippi Opal.

Advertising: Vicki R. talked to Doug Walker and President Liz Platt sent an email to Janelle with WLOX. Please wear your name tags and be flexible. The vendor with the eight tables asked Vicki for help as this is his 1st show. Barbi said that no one returned her calls about the signs from Pascagoula. So, we will put them out anyway. John Wright volunteered to ride around if someone will get out of the van and put the signs out.

Front Door: President Liz Platt explained the rules for the door and written instructions are available. She passed out a sign-up sheet for the front door volunteers. Only paid tickets will be given a stub for door prizes.

No discount this year. Barbi asked that everyone be here at 9am because we open at 10am. Aprons are available in the kitchen. \$3.00 entrance fee per day or \$5.00 for a 3-day pass. Children 12 and under are free. Students that have paper-work for us to sign for class project also get in free.

Sluice: Barbi Beatty asked for help with the sluice because Mark wouldn’t be there until noon. Buddy Shotts volunteered.

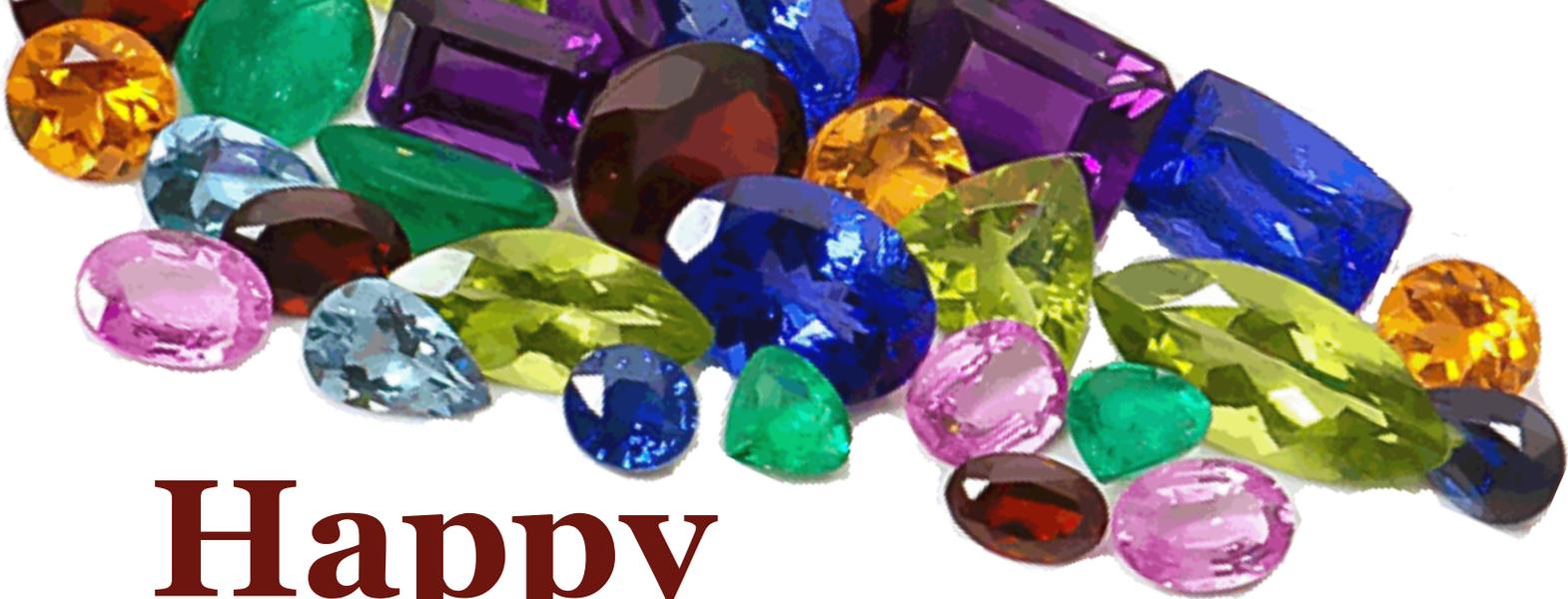
Raffle: President Liz Platt announced that Lisa will take your raffle tickets and money if you have it. Lisa said that Vicki R. turned in hers and any donations of prizes are welcomed too if you brought one. Rich, Rosalind, Cathy Marousky and Barbi’s son Jon volunteered to help with the raffle.

Election: President Liz Platt asked for nominees on all positions. There was none. Voting ballots prepared by Lisa F. are available for members. President – Liz Platt, Vice President – Bill La Rue, Secretary - Cheryl Rodrigues, Treasurer – Barbi Beatty, Members at Large - Mark Daynes and Buddy Shotts. Parliamentarian Dave Cook made a motion to accept the slate by acclamation and Buddy Shotts 2nd the motion. Motion Carried.

Adjournment: 6:47 p.m. Motion made by Vicki Reynolds and 2nd by Barbi Beatty. All members were in favor. Motion Carried.

MGCGMS - 2017 Raffle Winners November 12th

Prizes	Winners	Donated By
1 SS Necklace w/Gr. Obsidian Butterfly	J. Fredrick	Buddy Shotts
2 SS Earring & Bracelet Set	Troy Ross	Dave Cook
3 Geode Large	L. Fredrick	Club
4 Crystal Lariat Necklace w/SS Necklace	Natalie Webb	Lisa Fitch
5 Plister Pearl Necklace w/SS Necklace	Angie Troutman	Wanda Stigler
6 Pearl “Endless” Knotted Necklace	Ed King	Rosiland Daniels
7 Wired Wrapped Lapis Cabochon	Barbi Beatty	Tom Simmons
8 Painted Stone	Tres Lennep	Vicki Reynolds
9 Adventure Set (3 Piece Neck/Ear/Brac)	Robbie Norval	Cheryl Rodrigues
10 Oyster Painting	John Wright	Liz Platt
11 Bracelet Mandrel	Sheena Sharpe	Mark Daynes
12 Reversible Bracelet	Lisa Fitch	Reba Shotts
13 Victorian Bracelet SS	Ileana Kirchner	Barbara Saavedra
14 Rose Quarts Polished 233g	Liz Platt	Buddy Shotts
15 Crochet Antique Bead Necklace SS Clasp	Rhonda Rigby	Aurora King
16 Beaded Ornament w/Stand	Ileana Kirchner	Barbara Saavedra
17 Quartz Specimen	Cathy Marousky	Barbi Beatty



Happy January Birthday

Lettie White Lisa Fitch Billie Kelly
Brad Simmons Eddie Tate



GARNET GROUP
By

John Wright

Garnets as a group form under high temperatures and/or pressure and are most commonly found in highly metamorphosed rocks, but in some instances they may also occur in igneous formations. Garnets are often used by geologists as a gauge for determining how much temperature and pressure host rocks have endured. They are also used as an indicator or bench mark in the search for other more precious stones and/or certain types of mineral deposits. Garnets have all the characteristics desirable in a gemstone, high indices of refraction, hardness, clarity, variety of colors, lack of cleavage, and durability. They are an ancient gemstone and garnet jewelry items are often found in archeological excavations. Garnets as gemstones range from the very common semi-precious stones to the extremely rare and expensive variety.

The Garnet group of minerals show crystals with a habit of dodecahedrons and trapezohedrons. They are nesosilicates with the same general formula, $A_3B_2(SiO_4)_3$. Many different chemical elements are included in the several varieties of garnet, including calcium, magnesium,

aluminium, iron²⁺, iron³⁺, chromium, manganese, and titanium. Garnets show no cleavage, but do show a dodecahedral parting. Fracture is conchoidal to uneven; some varieties are very tough and are valuable for abrasive purposes. Hardness is 6.5 – 7.5, specific gravity is 3.1 – 4.3, luster is vitreous to resinous, and they can be transparent to opaque. Garnets come in a wide variety of colors including red, yellow, brown, black, green, or colorless. The only color not reported for garnet is blue. The name “garnet” comes from the Latin *granatus*, a grain possibly in reference to *malum granatum* (pomegranate) a plant with red seeds similar in shape, size and color to some garnet crystals.

Six common varieties of garnet are recognized based on their chemical composition. They are pyrope, almandine or carbuncle, spessartite, grossularite (varieties of which are hessonite or cinnamon-stone and tsavorite), uvarovite and andradite. The garnets make up two solid solution series; 1. pyrope-almandine-spessartite and 2. uvarovite-grossularite-andradite.

Grossularite is a calcium-aluminium garnet with the

formula $\text{Ca}_3\text{Al}_2(\text{SiO}_4)_3$, though the calcium may in part be replaced by ferrous iron and the aluminum by ferric iron. The name grossularite is derived from the botanical name for the gooseberry, *grossularia*, in reference to the green garnet of this composition that is found in Siberia. Other shades include cinnamon brown, red, and yellow. Grossularite is found in contact metamorphosed limestones. One of the most sought after varieties of gem garnet is the fine green grossular garnet from Kenya and Tanzania called tsavorite.



Pyrope, from the Latin *pyropos* meaning similar to fire. Sometimes called Cape ruby, it is ruby-red in color and chemically a magnesium aluminium silicate with the formula $\text{Mg}_3\text{Al}_2(\text{SiO}_4)_3$, though the magnesium can be replaced in part by calcium and ferrous iron. The color of pyrope varies from deep red to almost black. The name pyrope is derived from the Greek word meaning “fire-like.” A variety of pyrope from Macon County, North Carolina is of a violet-red shade and has been called rhodolite, from the Greek meaning “a rose.” In chemical composition it may be considered as essentially an isomorphous mixture of pyrope and almandite, in the proportion of two molecules pyrope to one molecule almandite.

Almandite, sometimes called almandine, is the modern gem known as carbuncle (though originally almost any red gemstone was known by this name). The term “carbuncle” is derived from the Latin meaning “little spark.” The name Almandite is a corruption of Alabanda, a region in

Asia Minor where these stones were cut in ancient times. Chemically, almandite is an iron-aluminium garnet with formula $\text{Fe}_3\text{Al}_2(\text{SiO}_4)_3$; the deep red transparent stones are often called precious garnet and are used as gemstones (being the most common of the gem garnets). Almandite occurs in metamorphic rocks like mica schists.

Spessartite is manganese aluminium garnet, $\text{Mn}_3\text{Al}_2(\text{SiO}_4)_3$. Its name is derived from Spessart in Bavaria. It occurs most often in granite pegmatite and allied rock types and in certain low grade metamorphic phyllites. Spessartite of a beautiful orange-yellow is found in Madagascar. Violet-red spessartites are found in rhyolites in Colorado and Maine.

Uvarovite is a calcium chromium silicate with the formula $\text{Ca}_3\text{Cr}_2(\text{SiO}_4)_3$. It is a rather rare garnet, bright green in color, usually found as small crystals associated with chromite in peridotite and serpentinite or sometimes in crystalline marbles and schists. It is found in the Urals of Russia and Outukompu, Finland. *Knorringite* is a rare variety in which magnesium replaces calcium. It is often found in kimberlites and used as an indicator mineral in the search for diamonds.

Andradite is a calcium-iron garnet, $\text{Ca}_3\text{Fe}_2(\text{SiO}_4)_3$, is of variable composition and may be red, yellow, brown, green or black. The recognized subvarieties are topazolite (yellow or green), demantoid (green) and melantite (black). Andradite is found both in deep-seated igneous rocks like syenite as well as serpentines, schists, and crystalline limestone. Demantoid has been called the “emerald of the Urals” from its occurrence there, and is one of the most prized of garnet varieties.

- Mineralogy ISBN 0471032883
- Color Encyclopedia of Gemstones ISBN 0442203330
- mindat.org (<http://www.mindat.org/in-1651.html>)
- Minerals.net (<http://wwwminerals.net/mineral/silicate/neso/garnet/garnet.htm>)
- Simon and Schuster’s guide to Gems and Precious Stones, ISBN 0671604309
- Simon and Schuster’s guide to Rocks & Minerals, ISBN 0671244175



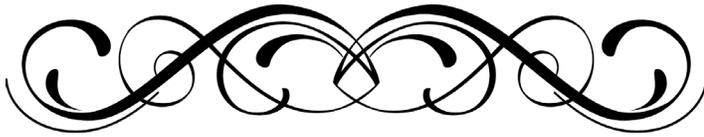
We always welcome new members!



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.
P.O. Box 857 Ocean Springs MS 39566
mgcgms@bellsouth.net



MGCGMS Guidelines and Procedures for Scholarship Eligibility

Recipients must have been a paid member for a full 12 months of the previous year for which scholarships are being given. Dues must be paid prior to January 31st of the year for which the scholarships selections are being made.

Potentially eligible recipients must be active members in the MS Gulf Coast Gem & Mineral Society by having participated in a minimum of four meetings/workshops during the prior year.

Working at the show may count as one of the participations. One day of the show work may be substituted for one of the four meetings/workshops. Only one such substitution is allowed.

Participants may not win consecutive year scholarships.

A recipient of a scholarship who uses it or did not use or relinquish the scholarship before the mid-year point of the scholarship year is ineligible for the following year. Mid-year is defined as the midpoint time for the season of lapidary class availability. For example: William Holland classes ran from 4/14 through the week of October 27 this year. The total number of weeks was 29, so the 15th week on Wednesday is the exact midpoint in the time.

All Scholarships must be used the year awarded. No scholarship will carry over to the following year.

Alternates for the scholarships available will be drawn in a double (2X) multiple of the number of scholarships being granted for the given year.

This means that if two scholarships are being awarded, then 4 alternates are drawn and each will be eligible for any unused scholarship in the order their names are drawn.

No scholarship will be transferred to another member outside of these society procedures.

Scholarship recipients are expected to attend the Southeast Federation sponsored workshops. Only with the board approval can a non-federation sponsored workshop be substituted for a federation sponsored workshop.

The treasurer will work with the recipient and the federation if there are special situations or needs.

Scholarship recipients will present a signed certificate of completion or canceled check or paid receipt to the Treasurer for reimbursement. This may be done at a meeting, via email or snail mail.

Upon recipient's completion of the class and return from lapidary school, all scholarship recipients are expected to share their learning with other club members and present a class or a "show and tell" of their experience at the school.

Note: These guidelines were set out in the year 2013, updated 2015 and will be the procedure to follow in years following until such time the membership chooses to revise them.

Upcoming Gem Shows

January 13, 14, 15 2017

Pinellas Geological Society
40th Annual Gem, Mineral and Jewelry Show & Sale
Friday/Saturday 10-5pm
Sunday noon-5pm
Largo Cultural Center/Parkview Room
105 Central Park Dr., Largo FL
FREE Admission

Presenting beautifully crafted jewelry, gem trees, mineral eggs & spheres, crystals, mineral specimens, slabs, artifacts, cut gems, Indian & Western jewelry, exhibits and library.
Silent auction, drawing donation \$1.50 every hour to benefit college scholarships, lapidary training and publications.
INFO: Lee Sheffield 727-709-3236 or Walt Staats 727-415-7867

January 20 - 21, 2018

Tomoka Gem & Mineral Society
47th Annual Jewelry, Gem Minerals & Fossil Show & Sale
Saturday 10am-6pm / Sunday 10am-5pm
Volusia County Fairgrounds (Tommy Lawrence Arena)
3150 E. New York Ave
Deland, FL 32724

¼ mile east of I-4 at Exit 118A, Rt. 44
Hourly Drawings, Silent Auction, Grand Prize Drawing, Coquina Kid's Table, Demonstrations. Slabs, beads, tools, jewelry, specimens, fossils by 40+ vendors. Free Parking.
\$4.00 Adult, 12 and under free, \$1 off coupon on website.
Contact Show Chair: Mary DeJan 386-871-6221 or
Vendor Chair: Cathi Haroldson 386-290-0653
Website: www.tomokagms.org

January 20 - 21, 2018

Panama City, Florida
Annual Panama City Gem and Mineral Show
Panama City Gem & Mineral Society
Central Panhandle Fairgrounds 2230 E. 15th St.
Saturday, January 20 from 9 a.m. to 5 p.m.
Sunday, January 21 from 9 a.m. to 4 p.m.
FREE Admission and Parking

The show will feature exhibits, minerals, fossils, cabochons, gems, crystals, wire wrapping, lapidary arts, jewelry, beads, silent auction and more. One Grand Prize and several additional door prizes are donated by the club and show vendors.
For details please contact Steve Shipton our show chairman at 850-867-0586 or e-mail; shipton3@comcast.net

SFMS Workshop 1 William Holland June 10-16, 2018

Instructor

Gail Delucca
Dave Bergquist
Tom & Kay Benham
Sandi Bergquist
Micah Kirby
Debra Mauser
Linda Searcy
Bill Boggs
Chuck Bruce
Patti Appleby
Vicky Prillaman
Jan & Keith Stephens
Gene Sheridan

Class

Beading
Cabs 1
Chasing
Jr wire/Chainmaille
Electro-Etching
Immersion Enamel/CC
Faceting
Intarsia
Inlay
Silver 1
Silver 2 – Rings, Rings, Rings
Wire 1 Spoon Jewelry
Wire 2 Bracelets

Snoopy Gems
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AFFILIATIONS

The Southeast Federation of Mineralogical Soci-
 eties, Inc.
 The American Federation of Mineralogical Societ-
 ies, Inc.
 S.C.R.I.B.E. (Special Congress Representing In-
 volved Bulletin Editors)

OFFICERS 2018

President Liz Platt (228) 818-5412
 Vice President Bill LaRue (228) 229-8781
 Treasurer Barbi Beatty (228) 238-9900
 Secretary Cheryl Rodriguez (773)504-4939
 Parliamentarian Dave Cook (228) 875-2570
 Editor Barbi Beatty (228)238-9900
 Web master Barbi Beatty (228)238-9900
 Member at Large Mark Daynes (228) 383-7940
 Member at Large Buddy Shotts (601)947-7245

COMMITTEES

Membership Barbi Beatty (228)238-9900
 Show Chairman Bill LaRue (228) 229-8781
 Historian Lettie White (228) 875-8716
 Librarian Barbi Beatty (228) 238-9900
 Sunshine Reba Shotts (601) 947-7245

AFFILIATIONS

ALAA John Wright: Director
 SFMS John Wright: Past President
 SFMS Barbi Beatty: Assistant 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

**2018 Workshop/Meeting
 Dates**

January 13 OS Library 9:30-4:45
 February 10 OS Library 1:00-4:45
 March OS Library 10 1:00-4:45
 April 7 Club Picnic TBA
 April 14 OS Library Mini Show 9:30-4:45
 May 12 OS Library 9:30-4:45
 June 9 OS Library 9:30-4:45
 July 14 OS Library 9:30-4:45
 August 11 OS Library 9:30-4:45
 September 8 OS Library 9:30-4:45
 October 13 OS Library 9:30-4:45
 November 8 After Vendor Dinner 5ish
 December 8 Christmas Party OS
 Library 11:00am-4:00pm

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

Jan 2018

Su	M	Tu	W	Th	Fri	Sa
	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	31			

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Official Publication of the Mississippi Gulf Coast Gem & Mineral Society Inc.



<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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