

Est. 1979

Harrison County Gem & Mineral Society, Inc.



Volume 41

January 2020

Number 1



Gulfport Gems

Member of the Southeast Federation of Mineralogical Society

P.O. Box 10136
Gulfport, Ms. 39505

www.facebook.com/gulfportgems
Website: www.gulfportgems.org

A message from the President...

Dear Members,

Happy New year! Looking forward to a great year. We want to take a look at what we have been doing and see if we can find ways to make improvements. Please let a board member know if you have something that you would like to try. Better still, attend a board meeting and make the suggestion yourself. This is your club. We need your input. Hope to see all of you at the next meeting.

Thanks,

Sue West, President



From Left: Sue West, Nicole Green, Monica White, Sharon Greer, Cindy Braden, Laura Tate standing in for Lynn Tate. Buddy Shotts conducts the ceremony.

Board Meeting

Gulfport Library - Old Hwy. 49
January 14th, 2020

Room Time: 1pm to 3pm

Small Room on right pass the check-out desk

Membership Dues

Your dues are now due and the deadline is the 3rd Saturday in January. Please see Lynn Tate at the meeting to pay your dues. For your convenience, there is an application on the second to last page of this newsletter. Checks payable to HCGMS.

Single - 18 years of age \$20.00

Family \$30.00
Co-Applicant / Spouse & all Minors / Same Address

Junior - Under 18 years of age \$10.00
Sponsored by an Adult

Our goal is to promote, educate and stimulate interest in the earth sciences and lapidary arts context.



Guests are always welcome and our workshops are free. So please bring a friend and introduce them to lapidary work.





2020 Board of Directors:

Sue West - President

Cindy Braden - Vice Pres.

Nicole Green - Secretary

Lynn Tate - Treasurer

Sharon Greer - Director (3rd yr.)

Laura Tate - Director Elect (2nd yr.)

Monica White - Director (1st yr.)



Lapidary Teachers Needed

Calling all past lapidary teachers or those who would like to teach. We need at least 20 classes for the year, at the moment we have 5 classes.

We are looking for people who would love to share their lapidary passion. Please consider signing up to teach a class.

Not necessary to know what you would like to teach, just sign for the date and choose later.

Please contact:

Laura at wanderingmsrn@gmail.com
or by phone (228)342-2971.

2020 Scholarship Eligibility

- I. A Candidate must be worthy. Worthy being defined as one who contributes and participates in club activities.
- II. Candidates must attend and participate in at least 6 meetings and/or workshops or a combination of both. (Workshop and meeting cannot be on the same day.)
- III. Candidates must be a member of the club for at least 1 year before being considered.
- IV. Candidates must be willing and able to go to the school of his or her choice. (The scholarship is not transferable.)
- V. Candidates must use the scholarship the year it is given.
- VI. No club scholarship awarded to the same person in two consecutive years.

MOST IMPORTANTLY:

- Candidates must be willing to return to the club, give a "Show and Tell" program and share his/her newly acquired skill and knowledge with other club members.

A list of eligible members (from 2019 society participation) will be available before the 2020 drawing.

[See next page for scholarship rules](#)



Standard Operating Procedures for the Harrison County Gem and Mineral Society, Inc.

Purpose

The purpose of this Standard Operating Procedures (SOP) is to establish guidelines for the operation of the Harrison County Gem and Mineral Society, Inc. (HCGMS).

Order of Presentence

In event of conflict the By-laws take presentence over this SOP.

Changes

Recommended changes to this SOP may be made at any Board of Directors meeting by a two-thirds (2/3) vote with an approval or rejection at the general membership meeting of a two-thirds (2/3) vote of members present.

Dues

The annual dues of the HCGMS are due no later than 3rd Saturday of January per the following schedule:

Individual Membership	\$20
Family Membership	\$30
Junior Membership	\$10
Lifetime Membership	No dues

HCGMS Meetings

Date - the HCGMS shall meet on the third Saturday of each month except during the month of the HCGMS annual gem show.

Time:	9:00 AM	Workshops
	12:00 PM	Potluck lunch
	1:00 PM	Business meeting

Location – The Herbert Wilson Recreation Center located at 3625 Hancock Ave, Gulfport, MS 39507

The President shall have the authority to cancel or change the date, time and location of any monthly meeting. Members will be notified of any changes by the best means available (an email to all members and HCGMS web page will be updated if possible).

Scholarships

The Board of Directors will determine the number of school scholarships to be awarded. They may elect to award a minimum of two scholarships annually provided there is a minimum of \$5000 in the general fund.

Scholarship will generally be to the William Holland Lapidary School or Wild Acres. However, it may be used for another school teaching other lapidary classes per board approval. Class must be in earth sciences, lapidary, jewelry, mineralogy, petrology, paleontology, geology, or other related fields. Total monetary value of this scholarship will not exceed \$600 (\$500 for tuition and board and \$100 to cover miscellaneous expenses). **Amended totals on July 20, 2019*



Scholarship Eligibility

- A. Recipients of scholarship are defined as one who contributes and participates in club activities.
- B. Recipient must have attended and participated in at least Six meetings and/or workshops or a combination or both (Attending Workshop and meeting on the same day cannot be counted as two).
- C. Recipient must be a paid member of the club for over 12 months of the previous year before being considered.
- D. Candidate must be willing and able to go to William Holland, Wild Acres, or other lapidary school.
- E. The scholarship is not transferable to another person.
- F. All Scholarships must be used the year awarded. No scholarship will carry over to the following year.
- G. Recipient of scholarship will have 30 days from the time scholarship is drawn to commit to attending and using the scholarship. If the scholarship is drawn in February, then you will have until the March meeting to commit to the scholarship. You do not have to have a class chosen or deposit made to a school at this time.
- H. No club scholarship will be awarded to the same person two years in a row.
- I. Candidate must be willing to return to the club, give a "show and tell" program and share his /her new acquired skill and knowledge with other club members
- J. Candidate club dues must be current.
- K. Scholarship recipients are highly encouraged 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.

Process

- A. Board of Directors will decide the number of scholarships to be rewarded
- B. Treasurer verifies that the candidate has paid his/her dues by the 3rd Saturday of January and has been a member of the club for over 12 months. He/she will provide a list of candidates to Secretary no later than 7 February.
- C. Secretary will review the participation record of the paid members to determine legibility prior to the February meeting.
- D. The list of eligible candidates will be read at the February business meeting. Any club member that feels that they meet the eligibility requirements and whose name is not on the list may ask to have their record reviewed. Treasurer and Secretary will review the records to determine the eligibly.
- E. At the February meeting names (or number) will be drawn for each of the scholarships. Two alternates times the number of scholarships will be drawn (if 2 scholarships are to be awarded – 4 alternates will be drawn).
- F. Any candidate whose name is drawn for the scholarship will have 30 days to notify the president if he or she cannot accept the scholarship.
- G. When the president is notified that someone cannot accept the scholarship, he/she will offer it to the next person on the alternate list. The new awardees will have 30 days to notify the president if he or she cannot accept the scholarship.
- H. Any of the following, will make the recipient ineligible for a club scholarship for a period of two years.
 - a. Failure to notify the president within the prescribed time frame that they cannot accept the scholarship.
 - b. Failure to use the scholarship.
 - c. Failure to give a "show and tell" program and share his /her new acquired skill and knowledge with other club members.

SOP Revisions / Amended July 20, 2019
Scholarship Totals on Page 1 last sentence.

Harrison County Gem & Mineral Society

Harrison County Gem & Mineral Society November 16, 2019

Call to Order: The meeting was called to order by President Sue West at 1:31 p.m.

Members in attendance: 24

Program: Buddy Shotts gave a presentation on the use of a Spectrometer. Tres Lennep provided the spectrometer, as well as other tools and materials.

MEETING:

Minutes: The minutes of October 19, 2019 meeting: Lisa Fitch moved to accept the minutes. Gladys Dedeaux seconded the motion. None opposed. The motion passed.

Committee Reports

Treasurer's report: Not available.

Facebook: Since Laura Tate left early, Lynn Tate gave the report. Laura will be creating a list for 2020. Members will be able to fill in the workshop he/she will be teaching. Continue to like and share the FB page. Visit our page www.facebook.com/gulfportgems

Workshops: There will be no workshops at the December meeting. In January, Nicole Green will be teaching how to make various findings. Lisa Fitch will be teaching the Sweetheart Necklace. Members, please be thinking about what workshops you would like to teach next year.

Field Trip: 10 members went on a field trip to the Bogue Chitta River near Tylertown, MS. Thank you Sharon Greer for identifying our finds. Lynn Tate asked if there is interest in taking a field trip to the Geology department at USM. The members did express interest; therefore, Lynn will be calling them to arrange a date. We are shooting for the first week in March.

Show: Lynn Tate showed us the new postcards.

Sunshine: Clemencia Howe will not be here in December, but the cards will be sent out.

Website: Leslie Jancovich will be the webmaster as of January. Nicole Green will be taking pictures. Visit our website: www.gulfportgems.org

Newsletter: Lisa Fitch asks for recipes. As a special 40th anniversary project, she is asking for pictures of the original club members.

Equipment: No new information.

Communications: Jeri asked Sue West if our club wanted to send someone to the annual Rockhound Roundup, which will be on the first weekend in

March. Sue told us that she would forward the email to the members.

Lisa Fitch received a text from Barbara Saavedra stating that she wouldn't be here at the meeting due to family illness.

Old Business: Kathy Becnel will not be rejoining next year. Her seat as a director will be filled by Sharon Greer.

New Business: Volunteers for Christmas party decorating: Leslie Jancovich, Tammy & June, Cindy Braden & Sue West. Please arrive by 9:30. Nicole Green will pick up supplies in Clemencia's absence. Nicole was given a storage key. Let Lynn Tate know if you want tablecloths. Dirty Santa will be played; \$15-\$20 limit on gifts. Handmade or purchased. Shirley Robinson & Jimmy will provide the ham. Lisa Fitch circulated a food sign-in sheet.

Ballots were distributed and counted. There was a tie for Vice President. Leslie Jancovich rescinded. The new board members will be: President: Sue West, Vice-President: Cindy Braden, Secretary: Nicole Green, Treasurer: Lynn Tate, Directors: Laura Tate, Sharon Greer, Monica White.

There will be a board meeting before the first club meeting in January.

Split the pot: Sue West

Door prizes: Charlene Cavanaugh, Buddy Shotts, Clemencia Howe, Shirley Robinson & Monica White.

Adjournment: Nicole Green made a motion to adjourn. Gladys Dedeaux seconded the motion. None opposed. Motion passed. The meeting was adjourned at 2:20pm.

December 21, 2019 Meeting / Party

Members in attendance: 30

Installation of officers are as follows:

President: Sue West

Vice President: Cindy Braden

Treasurer: Lynn Tate

Secretary: Nicole Green

Directors: Laura Tate, Sharon Greer, & Monica White

Further meeting reports were disbanded in order to observe Christmas.

WORKSHOPS

Workshop Chairman:
wanderingmsrn@gmail.com

Jan. 18, 2020,

Laura Tate
228-342-2971

Sweetheart Necklace

By Lisa Fitch

* * **No Kits Available** * *



16" necklace without the clasp. Clasp with split rings will add 1" to necklace.

Supplies:

- 3 Yards 6 lb. Fireline (Nymo / C-Lon thread Size D) Clear or White
- 300 Size 11/0 Gold Seed Beads (3-1/2 grams)
- 80 4 mm Swarovski White or Cream Pearls
- 63 4 mm Swarovski Green Bicone Crystals
- 40 4 mm Swarovski Rose Bicone Crystals
- 2 5 or 6 mm Split Rings 14kt Gold filled or Gold Plated
- 1 Clasp 14kt filled or Gold Plated

Do not substitute Swarovski crystals or pearls for Michaels or Hobby Lobby they are not the same size. Same for the Preciosa crystals which are must smaller than Swarovski.

Tools:

Mat
Thread Wax Conditioner
#12 Needle or 2.25" Big Eye Needle
Ruler or Tape Measure
Scissors or Thread Burner
Split Ring Opener
G – S Hypo Cement Glue

I will have all the tools above to share with those who need them except needles.

Findings

By Nicole Green



I will supply copper wire & beads

Supplies:

Copper wire - No charge
If you prefer other, 16, 18, or 20 Gauge wire

Tools:

Round Nose
Cutters
Chain Nose
Chasing Hammer
Metal Block
File
Bail Making Step Pliers , useful but not necessary

I have these items, which can be shared

Cabbing Workshops

If you are interested in cabbing we have instructors available to teach you. Time may be limited if other members are waiting to use the machines.

- ♦ \$3.00 per Day for equipment usage
- ♦ Must be a member (waiver on file)
- ♦ Guest not allowed to use equipment

Upcoming 2020 Workshops

February - Lacy Bracelet Lynn & Laura



Lisa Fitch

Leslie Jancovich

Eddie Tate

June Meyer

Susan Stanley

December Birthdays: Dan Boudreaux, Lucy Bruce, Ellen Kirsten, Bonnie Owens Watkins.

December Anniversaries: Ed & Aurora King, Clemencia Howe, Julia Reighter

Thought of the Day . . .

People will forget
what you said, People
will forget what
you did, But people
will never forget
how you made
them feel.

By Maya Angelou

Stuffed Mushrooms

By T. Landry

Ingredients:

1 tablespoon butter
½ cup minced onion
3 cloves garlic, minced
1 cup cooked chopped spinach
1 can artichoke hearts, chopped
¼ cup heavy cream or evaporated milk
1 cup pepper jack or mozzarella cheese, shredded
¼ cup parmesan cheese, shredded
30 small mushroom caps

Instructions:

Remove stems from mushrooms. Sauté onion in butter until soft, add garlic, sauté 1 minute more. Add cooked spinach. Season with salt and pepper. Add artichoke hearts. Cook on low for 5 minutes. Add heavy cream or evaporated milk and pepper jack or mozzarella cheese. Cook on low until cheese is melted and mixture is creamy. Allow to cool slightly before stuffing into mushroom caps. Arrange stuffed mushrooms in lightly greased oven safe dish. Sprinkle with parmesan cheese. Bake in 400 Degree oven for 25 minutes.

Pecan Pie

Prep Time: 10 Mins.

Cook Time: 1 Hour



Ingredients:

1 ¾ cups white sugar	¼ cup dark corn syrup
1 tablespoon cold water	2 teaspoons cornstarch
3 eggs	1 teaspoon vanilla extract
¼ tsp. salt	1 ¼ cups chopped pecans
¼ cup butter	1 (9 inch) unbaked pie shell

Directions: Preheat oven to 350 degrees

In a medium saucepan, combine the sugar, corn syrup, butter, water, and cornstarch. Bring to a full boil and remove from heat.

In a large bowl, beat eggs until frothy. Gradually beat in cooked syrup mixture.

Stir in salt, vanilla, and pecans. Pour into pie shell.



Brad's Tips . . .

As a rockhound myself, I am pleased to be able to share material like this with other clubs. Hopefully the tips are of interest to your members and provide a bit of fresh content for your bulletin. I've been involved with lapidary and jewelry making in my own rock club for about twenty-three years now. It has added so much to my own life, and I have been glad to do a few things to help build membership and promote sister clubs in my area.

Happy Hammering,

Brad



DIVIDERS

A set of dividers is a tool I find very useful in laying out the geometry of a piece I'm making. It has two needle-like tips with an adjustment to set the spacing between them.

They can be used to transfer a measurement. Let's say you need a 7mm wide strip of sheet metal. Set the spacing between the divider tips to 7 mm on the ruler. Then lay the sheet on the bench, put one tip against the edge, and run the dividers down the edge scribing a line parallel to the edge.

Dividers can be used to mark equal segments of a line or arc. For instance, assume a line between A and B that might be straight or curved, and you want to divide it into 5 equal lengths. Set the dividers to an estimate of the distance. Starting at Point A, use the dividers to mark off five lengths along the line. If you end up short of Point B, lengthen the distance on the dividers. If you end up overshooting Point B, shorten the length of your dividers. After a few tries, the length on the dividers will be the exact distance you need to mark the 5 segments.

Dividers can let you quickly find the center of a circular disk. With one tip of the dividers at the edge of the disk, set the other tip to an estimate of where the center might be. Fix one tip of the dividers at the 3 o'clock position and scribe an arc with the other tip near the center. Do this again from the 6 o'clock, 9 o'clock, and 12 o'clock positions. The arcs at the center will form a small four-sided box, and the center of the box is at the center of the disk.



Discover New Jewelry Skills With Brad's
"How To Do It" Books

Check out Brad's books on Amazon:

<http://amazon.com/author/bradfordsmith>

www.bradsmithjewelry.com

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MEETINGS W E E L I N G S



Meetings / Workshops

Herbert Wilson Recreational Center
3625 Hancock Avenue
Gulfport, Ms. 39501

3rd Saturday of each month

9 am - 12 pm	Workshop
12 pm - 12:30pm	Program
12 pm - 1 pm	Lunch
1 pm - 2 pm	Meeting

Directions: Coming from Pass Road or Highway 90 turn on Courthouse Road. Turn next to Hancock Bank on 33rd Street until you reach Hancock Street. Look to your left and you will see the Herbert Wilson Recreational Center. We are on the left side of building thru the gates.

Come for fun . . . Stay to play!

Visit our Website and Facebook page:

www.gulfportgems.org or
<https://www.facebook.com/gulfportgems>

Workshops are offered free!

Next Meeting & Workshop

January 18, 2020

Visitors are always welcome

Please bring a guest. . .

2 Workshops this Month

Membership Dues

Single \$20.00 - 18 years old
Family \$30.00 - 2 adults and all minors under 18 yrs. old at the same address
Junior \$10.00 - Sponsored by an adult

Application available on our website

Dues deadline - 3rd Saturday of January

Name Tags - \$7.00

Shirts - available and cost is based on sizes

Please see Treasurer, Lynn Tate

2020 MEETING DATES

Jan 18	May 16 & 17 SHOW	
Feb. 15	June 20	Sept 19
March 21	July 18	Oct 17
April 18	Aug 15	Nov 21
Dec 19 Christmas Party		

Nearby Gem Societies



Ms. Gulf Coast Gem & Mineral Society

www.mgcgms.com

Meeting: 2nd Saturday of the month



Mobile Rock and Gem Society

www.mobilerockandgem.com

Meeting: 2nd Tuesday of the month



Gem & Mineral Society of Louisiana

Meeting: 2nd Monday of the month

Contact: Levette @ 504-214-3205

Other Interests:

International Society of Glass Blowers

Website: www.isgb.org

Visit site if you like Lampworking



Dixie Mineral Council

<http://www.amfed.org/sfms/index.html>



S.F.M.S. Newsletter

Subscription to Lodestar is FREE electronically

Email: sfms.lodestar@gmail.com Or

Editor: john@rasmussengems.com

Can be read online:

<http://www.amfed.org/sfms/index.html>

www.amfed.org

William Holland School of Lapidary Arts 706-379-2126

Website @ www.lapidaryschool.org

Classes are June 7 -13, 2020

2020sfms.wh@gmail.com Registrar Cindy Reed

William Holland

For more information go to
www.sfmsworkshops.org to view all classes
available.

Some additional classes might be added as
Lisa Roberts as had request.

- ♦ Cabochons
- ♦ Silverware Jewelry
- ♦ Fly Tying
- ♦ Silver 1
- ♦ Seed Beading with Broken China
- ♦ Silver 2
- ♦ Loop-n-loop chain
- ♦ Intarsia
- ♦ Electro-etching
- ♦ Wire
- ♦ Flame Painting on metal
- ♦ Hydraulic Press making your own die
- ♦ Opals
- ♦ Faceting
- ♦ Casting



A.F.M.S. Newsletter

Subscriptions are \$4.50 per year

Checks should be made payable to "AFMS"

AFMS Central Office

Steve Weinberger

PO Box 302

Glyndon, MD 21071-0302

central_office@amfed.org PH: 410-833-7926

AFMS 2020 Annual Convention

Held in Knoxville, Tn

October 16th - 18th, 2020

Remember to book your classes early as possible as they fill up fast. Classes are subject to change. Please verify your confirmation for your classes before you leave.

Try to go during Federation Week as you will meet a lot of very talented people who have a passion for the craft.

Most importantly - have fun and enjoy yourself. Eat well, they have good food.

WILDACRES RETREAT

828-756-4573

Website @ www.wildscres.org

registrarwildacres@gmail.com Claudia Erwin

When scheduling keep in mind, workshops are subjected to change without notice.

August 17-23, 2020

September 14-20, 2020

Please check the website for changes.



HCGMS 2020 Christmas Party



Buddy Shotts swears in the new officers for 2020. Carmen Montgomery leads us in prayer before Christmas Lunch. Everyone had a good time and we had fabulous food as always.



Below: Our decorating committee did a great job this year! Thanks to Sue, June, Leslie, Cindy, & Tammy,



Stan & Bonnie Watkins join us for Christmas Dinner



Above:
Shirley Robinson aka Dirty Santa



Left:
Shirley's
better half,
Jimmy!
A fabulous
cook!



GARNET

FACTS

January Birthday Stone & 2nd Anniversary

- Mineral: Garnet group
- Chemistry:
 - Almandine- $\text{Fe}_3\text{Al}_2(\text{SiO}_4)_3$
 - Andradite- $\text{Ca}_3\text{Fe}_2(\text{SiO}_4)_3$
 - Grossular- $\text{Ca}_3\text{Al}_2(\text{SiO}_4)_3$
 - Pyrope- $\text{Mg}_3\text{Al}_2(\text{SiO}_4)_3$
 - Rhodolite- $(\text{Mg}, \text{Fe})_3\text{Al}_2(\text{SiO}_4)_3$
 - Spessartine- $\text{Mn}_3\text{Al}_2(\text{SiO}_4)_3$
- Color: All colors
- Refractive index: 1.714-1.888
- Birefringence: None
- Specific gravity: 3.47-4.15
- Mohs hardness: 6.5-7.5

Garnets being a set of closely related minerals that form a group, resulting in gemstones in just about every color. Found in metamorphic rocks (which are rocks altered by heat and pressure) on every continent.

Even though red garnets have a long history, modern gem buyers can pick from a rich palette of garnet colors: greens, oranges, pinkish oranges, deeply saturated purplish reds, and even some blues. The most common and widespread of gems is the red garnet. Not all of the garnets are as abundant as the red ones. A green garnet, tsavorite, is rarer and needs rarer unusual rock chemistries and special conditions to form.

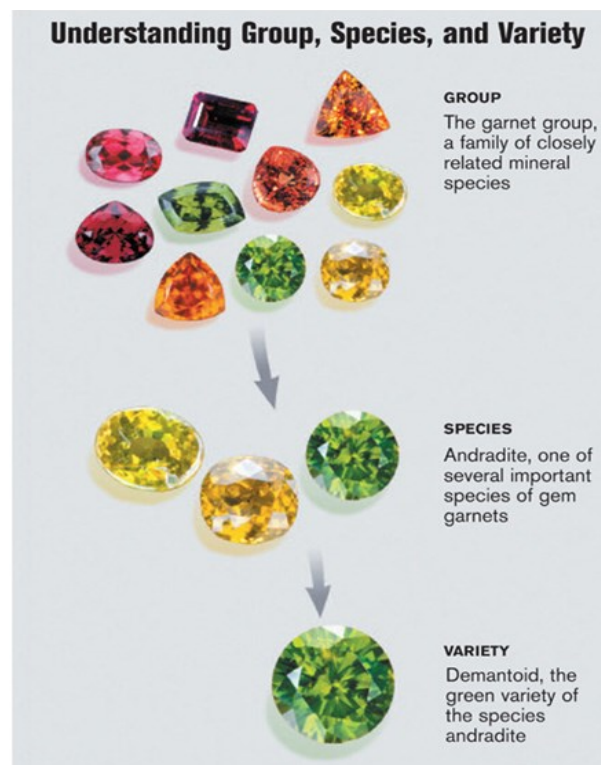
Demantoid is a rare and famous green garnet, spessartine (also called spessartite) is an orange garnet, and rhodolite is a beautiful purple-red garnet. Garnets can even exhibit the color-change phenomenon similar to the rare gemstone alexandrite.

Varying in chemical composition, all garnets have essentially the same crystal structure. We have more than twenty garnet categories, called species, but only five are commercially important as gems. Those five are pyrope, almandine (also called almandite), spessartine, grossular (grossularite), and andradite. A sixth, uvarovite, is a green garnet that usually occurs as crystals too small to cut. It's sometimes set as clusters in jewelry. Many garnets are chemical mixtures of two or more garnet species.

History & Lore: Red garnet necklaces, thousands of years ago adorned the necks of Egypt's pharaohs, and were entombed with their mummified corpses as prized possessions for the afterlife. Signet rings with carved garnets were used to stamp the wax that secured important documents in ancient Rome. Carbuncle is a term used in ancient times to refer to red garnets and any red stone. Carbuncle was thought to be one of the four precious stones given to King Solomon by God.

In Roman scholar Pliny's time (23 to 79 AD), red garnets were among the most widely traded gems. In the Middle Ages (about 475 to 1450 AD), red garnet was favored by clergy and nobility.

In central Europe around 1500 red garnet's availability increased with the discovery of the famous Bohemian garnet deposits. The source became the nucleus of a regional jewelry industry that reached its peak in the late 1800s.



Sources: gia.edu, Wikipedia, Palagems.com, toptenz.com, minerals.net, thepacticalgemologist.com/gemstones, gemselect.com, birthstones.today

Garnet



Garnet Varieties:

The six main Garnet minerals types are Almandine, Pyrope, Spessartite, Grossular, Andradite, and Uvarovite. Listed below are other types and varieties.

Color-Change Garnet - Garnet that exhibits a different color in natural and artificial light. Color-Change Garnet is a intermediary mix between the Pyrope and Spessartite (though closer in composition to Pyrope), and presents a color change from a light brownish, yellowish, or greenish in daylight to a pink or purplish color in incandescent light. A few rare specimens may even have a bluish color, which is extremely rare for Garnet.

Demantoid - Olive-green to emerald-green gem variety of Andradite Garnet.

Gooseberry Garnet - Light green to light greenish-brown variety of Grossular Garnet.

Hessonite - Orange to orange-brown, transparent variety of Grossular Garnet.

Imperial Garnet - Light pink, transparent gem variety of Grossular Garnet.

Leuco-garnet - Colorless, transparent variety of Grossular Garnet.

Malaya Garnet - Reddish-orange form of Spessartite Garnet (or more accurately a mixture intermediary between Spessartite and Pyrope) that originates in the Umba River Valley in Tanzania and Kenya. This term is sometimes used as a synonym for Spessartite.

Mali Garnet - Garnet gemstone from the African country of Mali that ranges in color from green to yellow to brown (though most often a greenish-yellow). The deposit of these Garnets was discovered in Mali in 1994, and this form of Garnet is a relatively new gemstone. The scientific classification of the Mali Garnets are not clearly identified; they can be either Grossular or Andradite, though are usually an intermediary form closer in chemical structure to Grossular.

Mandarin Garnet - Bright orange to orange-red Spessartite Garnet, originating from the African countries of Namibia & Mozambique.

Melanite - Lustrous, opaque black or very dark red variety of Andradite Garnet.

Mint Garnet - Grossular Garnet with a light-mint-green color.

Mozambique Garnet - Red Garnet from the African country of Mozambique, which produces fine quality Garnet gemstones. Mozambique Garnet is usually Almandine, but may also be Pyrope.

Raspberry Garnet - Raspberry-red variety of Grossular Garnet.

Rhodolite - Rose-red form of Garnet with a light color or more purplish color than typical Garnet gemstones. It is usually an intermediary variety between Pyrope and Almandine, though more closely towards Pyrope in composition.

Star Garnet - Form of Almandine Garnet that exhibits asterism in the form of a four-rayed star.

Tangerine Garnet - Light orange to orange-yellow Spessartite Garnet, originating from the African countries of Namibia & Mozambique.

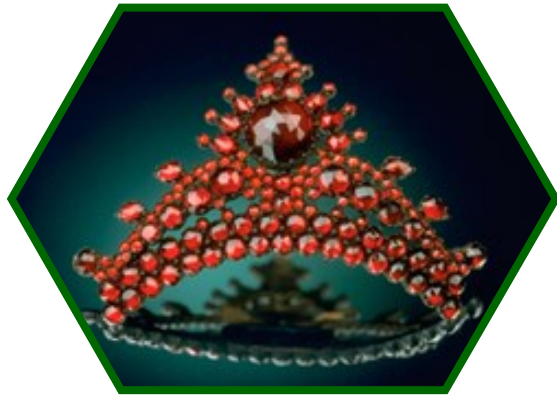
Topazolite - Yellow to brownish-yellow variety of Andradite Garnet.

Tsavorite - Green to emerald-green transparent variety of Grossular Garnet from Africa.

Garnet

"Antique Pyrope Hairpin"

Smithsonian National Museum of Natural History



Brooch: Dates From the Third Quarter of the 19th Century.

Earrings: This Art Nouveau Style First Appeared in Individual Creations of Designers Rather Than in Industrial Mass Production.

Brooch w/Dangle: An Example of the Mass Produced Items Typical of the Bohemian Garnet. (Photo Courtesy The National Czech & Slovak Museum & Library)

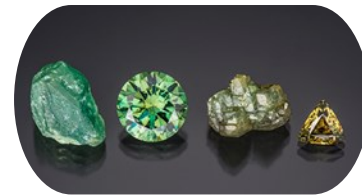
"The Warrior Stone"



35,000 Kilograms

The largest documented garnet was found in Norway and measured 2.3 meters,

10 cubic meters in volume & weighed 35,000 kilograms.



11.63 ct. Namibian Demantoid large brilliant cut garnet

It was an exceptional stone of intense vibrant green with a touch of blue. The original rough weighed approximately 46 ct—about 9 grams—making the yield a little over 25%. This is an exceptionally large gem for Namibia's Green Dragon mine, where the bulk of production is suitable for small calibrated gems. Namibian demantoid was first discovered in the 1990s.

Shades of Garnets



Shows and Events

Pinellas Geological Society

44th Annual Gem, Jewelry and Mineral Show & Sale

January 10-13, 2020 Friday and Saturday 10 AM to 5 PM Sunday 12-5pm
Central Park Performing Arts Center
Parkside Room / 105 Central Park Drive /Largo, Florida
Free admission Donation \$2.00 for hourly drawing Silent Auction every hour

45rd Annual Tomoka Gem & Mineral Society

Feb. 18th Saturday 10-6 pm / Feb. 19th Sunday 10-5pm

Volusia County Fairgrounds

3150 E. New York Ave, Deland, FL 32724

Contact Show Chair: Mary DeJan 386-871-6221 or tomokagmsvendor@gmail.com.

Website: www.tomokagms.org

61th Mississippi Gem, Mineral, Fossil and Jewelry Show

Mississippi Gem and Mineral Society **FEBRUARY 22rd & 23th**

Saturday, February 22rd (9 am to 6 pm) Sunday, February 23, 2020 (9 - 5pm)

Mississippi Trade Mart on the State Fairgrounds / Jackson, Mississippi

Admission: Adults \$6 Students \$3 / Scouts & Leaders in Uniform \$2 / Children 5 & under—Free

MGMS website: www.missgems.org Information email: rock2lanes@gmail.com

Over 25 dealers of gems, fossils, minerals, jewelry, lapidary tools, beads,

Kids Activities / Hourly door prizes, and a "GRAND PRIZE" drawing.

FOR A COMPLETE LIST OF SHOWS VISIT - amfed.org

[AKS GEM SHOW](#) Presents [New Orleans Bead & Jewelry Show](#)

Pontchartrain Center, 4545 Williams Blvd., Kenner, La. 70065

Admission Fee \$5.00 Hours: Fri & Sat 10am-6pm / Sun 10am-4pm

Email info@aksshow.com with inquiries Phone: 504-265-8830 Visit website www.aksshow.com

GET A COUPON FOR \$1.00 OFF Admission

2020 Dates: **January 24th - 26th Winter Show** / **April 3rd - 5th Spring Show**
July 10th - 12th Summer Show / **September 18th - 20th Fall Show** / **November 6th - 8th Xmas**

Save \$1.00 off
admission to any AKS
Gem Show

Offer Expires: no expiration.

This coupon is good for entrance to any AKS Gem Show! ***Be sure to check your inbox for additional savings from our exhibitors.***

[Check our list of shows now...](#)



Harrison County Gem & Mineral Society Information



Officers 2020

<u>President</u> - Sue West	(228) 831-2294
<u>Vice President</u> - Cindy Braden	(706) 266-0221
<u>Secretary</u> - Nicole Green	(228) 344-8066
<u>Treasurer</u> - Lynn Tate	(228) 342-2963
<u>Directors</u>	
Monica White (1 yr.)	(228) 233-3491
Laura Tate (2 yr.)	(228) 342-2971
Sharon Greer (3 yr.)	(228) 255-3733

Committee Members

<u>Workshop & Facebook Chairman</u>	
Laura Tate	(228) 342-2971
<u>Field Trip Chairman</u>	
Sharon Greer	(228) 255-3733
<u>Librarian Chairman</u>	
Sue West	(228) 831-2294
<u>Newsletter Editor</u>	
Lisa Fitch	(228) 467-4684
<u>Sunshine & Hospitality Chairman</u>	
Clemencia Howe	(228) 822-2184
<u>Show Chairmen</u>	
Lynn Tate	(228) 342-2963
<u>Webmaster & Workshop Chairman</u>	
Leslie Jancovich	(601) 716-3216
<u>Assistant Webmaster</u>	
Nicole Green	(228) 344-8066

Southeast Federation of Mineralogical Societies

<u>Ms. State Director, Parliamentarian & Boundaries</u>	
Buddy Shotts	(601) 947-7245
<u>Past President SFMS</u>	
John Wright	(228) 875-9192

Field Trips

Sharon Greer

If you are interested in attending any of the DMC Field Trips please contact our Field Trip Chairman so she can make arrangements. Open to all members of clubs associated with the DMC program of the SFMS Field Trip Committee and all members of SFMS societies who provide their membership with SFMS liability insurance. Because of insurance requirements the general public are NOT invited to any field trips.



228-255-3733

3catsgreer@bellsouth.net



Facebook

Laura Tate

Please visit our Facebook page to view all the latest news and information on our club and workshops. To post club information contact:

Laura Tate at wanderingmsrn@gmail.com

Visit at www.facebook.com/gulfportgems/



Library

Arvid Coole



The club has some interesting material available for viewing. Please contact Arvid to check out material from our Library. Be sure to return the material in a timely matter in order to share with other members.

Sue West (228) 831-2294

Newsletter Editor

Lisa Fitch

Submit newsletter articles to:

Lapidaryarts@hotmail.com



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Articles and minutes are due by the last day of each month



Membership Form

Contact Our Treasurer: Lynn Tate (228) 342-2963 **Email:** l.tate4@gmail.com



HARRISON COUNTY GEM & MINERAL SOCIETY, INC. MEMBERSHIP APPLICATION			
APPLICANT INFORMATION			SINGLE \$20.00
18 YEARS OF AGE			
Name:		Email:	
Date of birth (Mo/Day):	Anniversary: (Mo/Day)	Cell Phone:	
Current address:		Home Phone:	
City:	State / Zip Code:	Work Phone:	
CO-APPLICANT / SPOUSE INFORMATION			FAMILY \$30.00
TWO ADULTS & ALL MINORS UNDER 18 YEARS OF AGE/AT SAME ADDRESS			
Co-Applicant / Spouse:		Email:	
Date of birth (Mo/Day):	Cell Phone:	Work Phone:	
JUNIOR INFORMATION			JUNIOR \$10.00
UNDER 18 YEARS OF AGE ★ SPONSORED BY AN ADULT			
Name	Birthday (Mo/Day/Year)	Relationship:	
Name	Birthday (Mo/Day/Year)	Relationship:	
Name:	Birthday (Mo/Day/Year)	Relationship:	
Name	Birthday (Mo/Day/Year)	Relationship:	
★ EMERGENCY CONTACT INFORMATION ★			
Name:			
Relationship:	Home Phone:	Cell Phone:	
INTEREST INFORMATION			
Hobby Interest:		Jewelry Interest:	
(Each applicant initial interests)			
<input type="checkbox"/> Fossils <input type="checkbox"/> Minerals <input type="checkbox"/> Lapidary (<input type="checkbox"/> Cabbing, <input type="checkbox"/> Faceting, Etc.) <input type="checkbox"/> Field Trips (Creeks, Gravel pits, Mines, Etc.) <input type="checkbox"/> Special Interests _____		<input type="checkbox"/> Beading <input type="checkbox"/> Kumihimo <input type="checkbox"/> Pearl Knotting <input type="checkbox"/> Other _____	
		<input type="checkbox"/> Wire Wrapping <input type="checkbox"/> Chainmaille <input type="checkbox"/> Silversmithing	
APPLICATION FEES			
Applications can be mail to: Harrison County Gem & Mineral Society P. O. Box 10136, Gulfport, Ms. 39505			
Single \$20.00	Family \$30.00	Junior(s) \$10.00 Each	DUES: \$
Dues: <i>Circle One</i> NEW RENEWAL No Proration Deadline: 3rd Saturday of January			TOTAL: \$
SIGNATURES			
How did you hear about our society? _____			
I authorize HCGMS to use my picture or likeness for society promotions? YES or NO			
I authorize HCGMS to include my information in society listings for members only? YES or NO			
Signature of applicant:		Date:	
Signature of co-applicant/spouse (only if for a family membership):		Date:	
*Newsletter will be sent via email @ no charge		Modified 11/20/17 LF	

Our goal is to promote, educate and stimulate interest in the earth sciences and lapidary arts context.



Gulfport Gems, Editor
P O Box 10136
Gulfport, MS 39505

Address Service Requested



THE OFFICIAL PUBLICATION FOR THE HARRISON COUNTY GEM & MINERAL SOCIETY, INC.