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Harrison County Gem & Mineral Society, Inc.



Gulfport Gems

Volume 42

December 2021

Number 2



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,

I hope as many of you do that life is beginning to return to something similar to normal. We are preparing for a bright new year. For those of you that have not been to our meetings for a while, come back. We plan to have lots of great workshops in the new year. With your help, maybe we can go on some other outings as well.

I sent out emails inviting everyone to our Christmas Luncheon. We thought that it would be fun to go out instead of our usual covered dish luncheon.

Look toward to seeing everyone again. Hope to see you on December 18th,

Sincerely,

President Sue West



December 18, 2021

Christmas Party

HOOKS
133 Davis Ave.
Pass Christian, Ms.

Order from the Menu

Starts at 11:30 am

“Dirty Santa”

Bring a gift to play
Can be anything but
not a gag gift.
(\$15.00 Value)

RSVP - Sue West





MINUTES

Minutes - Due to no meeting in December the November minutes will be printed in the January newsletter.

Membership Dues - Due the 3rd Saturday in January. Please see page 13 for application in this publication.

Wishing everyone and their families a safe holiday season.

See you all at the Christmas Party on December 18th at Hook's.

Please continue to check our website and Facebook pages for updates.

www.gulfportgems.org

www.facebook.com/gulfportgems

WORKSHOPS

Workshop Chairman

Laura Tate

Now scheduling for 2022

Contact Information:

Email: wanderingmsrn@gmail.com

JANUARY WORKSHOP - TBA

Check January Newsletter

Board Elect for 2022

The following members will be sworn in at our January meeting on January 18th, 2022.

President Sue West

Vice President Lisa Fitch

Secretary Rosalind Norvel - Daniels

Treasurer Nicole Green

Director Sharon Greer

Congratulations to all
and
Most importantly "Thank You"
for volunteering to serve.





Happy Birthday

Dan Boudreaux



Happy Anniversary

Abenna & Herman Jones

Ed & Aurora King

Clemencia Howe

Thought of the Day . . .



*Always pray to have eyes that see
the best in people.
A heart that forgives the worst,
A mind that forgets the bad, and
A soul that never loses faith in
GOD.*

Pecan Drops

Bell's Best Cookbook / Nicole Green

- 1 Egg
- 1 Cup of Brown Sugar
- 1 Tablespoon of Flour
- 1 teaspoon Vanilla
- 2 cups of Pecans
- Butter
- Wax paper
- Cookie Sheet

Whip 1 egg white until stiff. Add 1 cup of brown sugar and 1 tablespoon of flour combined to egg white. Mix in 1 teaspoon of vanilla and 2 cups of pecans.

Line cookie sheet with wax paper. Butter the wax paper or they will stick.

Bake at 300 degrees for 15 minutes. Let cool before removing from cookie sheet.

Corn Souffle

Roberta Meyer's Recipe provided by Sue West

- Jiffy Corn Casserole
- 1 can cream style corn
- 1 can whole style corn, drain 1/2 c. Liquid off
- 2 eggs, beaten
- 3/4 stick melted butter
- 1 (8oz.) carton sour cream
- 1 sm. box jiffy cornbread mix
- 1 c. Grated cheddar cheese

Mix all ingredients together. Bake in slightly oiled 9 x 13 pan at 325 degrees for 30 minutes or until firm. Stir when outside of pan starts to thicken.



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 15th

Visitors are always welcome

Please bring a guest. . .

0 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

2021 MEETING DATES

Jan 16th	May 15th or SHOW	
Feb 20th	June 19th	Sept 18th
Mar 20th	July 17th	Oct 16th
April 17th	Aug 21st	Nov 20th

Dec 18th 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>

Turquoise

FACTS

- Mineral: Turquoise
- Chemistry: $\text{CuAl}_6(\text{PO}_4)_4 (\text{OH})_{8.5}\text{H}_2\text{O}$
- Color: Blue to green
- Refractive Index: 1.610 to 1.650
- Birefringence: Not detectable
- Specific Gravity: 2.76 (+0.14, -0.36)
- Mohs Hardness: 5 to 6

Turquoise is only found in a few places on earth: dry and barren regions where acidic, copper-rich groundwater seeps downward and reacts with minerals that contain phosphorus and aluminum. The final results of this sedimentary process is a porous, semi-translucent to opaque compound of hydrated copper and aluminum phosphate.

Turquoise is believed to bring prosperity to the one who wears the stone symbolizing good fortune and success.

To chemists and geologists turquoise is as known as “copper aluminum phosphate.” Often found in weathered igneous rock that contains copper minerals, where it crystallizes in veins and nodules. Developing in rocks near water tables, located in semiarid and arid environments. The chemicals in turquoise come from adjacent rock, leached out by rain and groundwater.

Being relatively soft it can be easily scratched and broken. This porous opaque stone is easily discolored by oil and pigments, and changes color when it loses some of its water content. The presence of copper gives it a sky blue color and the presence of iron gives it a greener tone.

During the formation of the stone the ochre and brown-black veins develop caused by inclusions from nearby rock fragments or from oxide staining. The most valued variety of turquoise is an intense robin’s egg color or a sky blue. Hard, relatively non-porous compact stones have the best appearance because the stone can be finely polished. Pale and chalky varieties of Turquoise however are sometimes impregnated with oil, paraffin, liquid plastic and glycerin to give it a good polish.

This stone can be found in Armenia, Kazakhstan, China, Australia, Tibet, China, Mexico, Brazil, and Egypt. In Iran, where some of the best stones are found, turquoise is the national gem. The American southwest-Nevada, Arizona, Colorado, New Mexico and California-are primary producers of turquoise. Much of the specimens have a light color, and are porous and chalky-only about 10% is of gem quality.

The name originates from the French phrase “pierre turquoise” meaning “Turkish stone” because turquoise was brought to Europe by Venetian merchants who first acquired it in Turkish bazaars. When received as a gift, the turquoise symbolizes a pledge of affection because it is considered by some as a love charm. Shakespeare used this lore in “The Merchant of Venice” having Leah give a turquoise ring to Shylock when he was a bachelor. Hoping it would win his affections and persuade him to ask her to marry. Turquoise wedding rings are the popularity in Russia.

Turquoise is one of the earliest known stones to be used in jewelry even the Pharaohs of Early Egypt wore them. A tomb excavated in 1900 contained the mummified remains of Queen Zer, who ruled in 5500 B.C.; found on her arm were four magnificent turquoise bracelets. Beads dating back to 5000 B.C. have been found in Mesopotamia (now Iraq). In Iran, turquoise was the national gemstone, adorning thrones, daggers, sword hilts, horse trappings, bowls, cups, and ornamental objects.

For thousand of years the Native Americans have been using this gemstone to create magnificent jewelry and ornamental pieces. It was called “Chal-cui-hui-tal”, meaning “the highest and most valued thing in the world”. The Zuni, Hopi, Pueblo and Navajo Indians made magnificent necklaces, ear pendants and rings. The blue in turquoise symbolized the heavens and green symbolized the earth so the stones were used by medicine men to work charms. The Navajo believed that turquoise pieces, thrown into a river while offering a prayer to the rain god, would bring much needed rain. Apache lore held that a turquoise attached to a bow or gun would ensure accurate aim.

Rare Turquoise
from the Bisbee Mine
Which is located in
Bisbee, Arizona



Ring by Raymond C. Yazzie 2012 coral lone mountain and orvil jack turquoise opal sugilite 14 karat gold collection of Janice Moody

Turquoise



A giant turquoise stone thought to be worth 10 million yuan (£1.1 million) has been discovered in Shiyan, China's Hubei province. The mega previous stone weighing 215 kilograms (474 pounds) and over 47" long was put on display on July 7, 2016 reports the People's Daily Online. Shiyan is a big stone mining area with 60 percent of the world's turquoise coming from the region.

The mega stone had been found in Zhushan county a few days before July 7 and was shipped to the city of Shiyan for display. According to Sina English, the stone could be worth 10 million yuan (\$1.5 million). Pictures show the villagers crowding around the giant stone to take a closer look. Turquoise is one of China's four national stones and many people use it to turn into ornaments and furniture.

The world's largest turquoise was registered by the Guinness World Records in 2009. The stone weighs 225 kilograms (496 pounds) and is housed in the Shandong Tianyu Museum of Natural History in China's Shandong province.

From: DailyMail.co.uk



In 1810, Napoleon gave his second wife, the Empress Maria Louise, this diadem. Originally, diamonds and emeralds were set in this stunning silver and gold crown. In the 1950s, the emeralds were removed and sold individually. They were later replaced with 79 Persian turquoises. "Marie Louise Diadem," Smithsonian Institution, photo by Cliff is licensed under CC By 2.0

Tanzanite

FACTS



- Mineral: Zoisite
- Chemistry: $\text{Ca}_2\text{Al}_3(\text{SiO}_4)_3(\text{OH})$
- Color: Blue to violet to bluish purple
- Refractive Index: 1.691 to 1.700
- Birefringence: 0.008 to 0.013
- Specific Gravity: 3.35
- Mohs Hardness: 6 to 7

Exactly who made the discovery of tanzanite is the subject of some debate. According to some, the first tanzanite crystals were found by Masai tribesman, Ali Juuyawatu. Other reports state that the discoverer was Ndugu Jumanne Ngoma. Finally, a further account credits Manuel de Souza with the discovery of tanzanite on July 7, 1967. It has become the second most popular blue gem after sapphire and is rarer than diamonds.

Tanzanite is the blue to violet to purple variety of the mineral zoisite. It is mined commercially only in one area of the world: the Merelani Hills of Tanzania, which is where it got its name by Tiffany & Co. Because crystals show different colors depending on viewing direction, cutters can choose bluish purple or the more favored pure blue or violetish blue hue depending on how much weight they want to retain from the rough.

The blue color of tanzanite is caused by small amounts of vanadium within the zoisite mineral structure. When vanadium-bearing zoisite is heated to a temperature of 600 degrees Celsius for about 30 minutes, the oxidation state of the vanadium is changed and that change causes or improves the blue color. Tanzanite is a pleochroic gem.

Pleochroism is a physical property in which the material appears to be different colors when viewed from different crystallographic directions. Some specimens of tanzanite can be a distinct blue when viewed from one direction, and vary from violet to red when viewed from other directions.

Zircon

FACTS



- Mineral: Zircon
- Chemistry: ZrSiO_4
- Color: Blue, red, yellow, orange, brown, green
- Refractive index:
- High: 1.925 to 1.984 (+/- 0.040)
- Medium: 1.875 to 1.905 (+/- 0.030)
- Low: 1.810 to 1.815 (+/- 0.030)
- Birefringence: 0.000 to 0.059 (low to high)
- Specific gravity: 3.90 to 4.73
- Mohs Hardness: 6 to 7.5 (low to high)

Colorless zircon is known for its brilliance and flashes of multi-colored light, called fire. These zircon properties are close enough to the properties of diamond to account for centuries of confusion between the two gems. Colorless zircon is called "Matara" zircon after a city in Sri Lanka near where it is mined. Zircon occurs in an array of colors. Its varied palette of yellow, green, red, reddish brown, and blue hues makes it a favorite among collectors as well as informed consumers.

The crystals grow in many different types of rock and possess a range of optical and physical properties.

Some lower value zircons—usually green ones—were determined by scientists that the crystal structures of these gems were almost completely broken down by radioactive elements—often present in zircon as impurities—that damaged the gems' crystal structure over long periods of geological time.

Gemologists classify zircons into three types—high, intermediate, and low depending on the its properties, which are directly related to the amount of radiation-induced damage done to its crystal structure.

High or normal zircons have full crystal structures, with little or no damage from radioactive elements possessing the normal physical and optical properties associated with the mineral.

In intermediate or medium zircons, radioactive elements have caused some structural damage possessing physical and optical properties that are between high and low types.

All the zircons used in jewelry are of the high type. Interestingly, radiation-induced crystal-structure breakdown can be reversed somewhat by heating zircon to high temperatures this repairs the stone's damaged crystal structure producing a high type gemstone.



Sources: gia.edu, Wikipedia, geology.com, gemselect.com, minerals.com, durangosilver.com, smithsonianmag.com, google.com

Zircon & Tanzanite

Transparent
Tanzanite



A transparent variety of zoisite a.k.a. tanzanite.
Marcus Budil Collection

"The Mawenzi"

Largest



10,839 Carats

The Mawenzi found in 2005 by the Tanzanite-One Mining LTD. is believed to be the largest tanzanite known.

Smithsonian National Museum of Natural History



122.70 Ct. Tanzanite



Zircon Gem Rough: Stream-rounded zircon from an alluvial deposit in Australia. Brown zircon is not highly marketable, much of it can be altered to a rich blue color by heating in a reducing atmosphere to between 900 and 1000 degrees Celsius. These stones range from about 5 to 10 millimeters in size.



Tanzanite is pleochroic in the pictures above and this specimen has not been heated. Pleochroism occurs when a gem appears to be different colors when viewed from different crystallographic directions. This particular specimen is trichroic - it appears to be different colors from three different directions. Looking at the broad side of the crystal, the gem has a wonderful blue color. When viewed from the narrow side, the specimen is deep violet. And, when viewed down the vertical axis with illumination below, it exhibits a red color. Those are the three pleochroic colors and three crystallographic directions for this specimen.



Southeast Federation News

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

American Federation News



A.F.M.S. Newsletter

Subscriptions are \$4.50 per year

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AFMS Central Office

Steve Weinberger

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Glyndon, MD 21071-0302

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SFMS 2022 Annual Convention

TBA

AFMS 2022 Annual Convention

TBA

William Holland School of Lapidary Arts 706-379-2126

Website @ www.lapidaryschool.org

Classes for 2021 now available

2021sfms.wh@gmail.com Registrar Cindy Reed

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.

Classes for 2022 not available yet

Please check the website for changes.

A.L.A.A.

Have you joined the **American Lands Access Association** (ALAA)? Help is needed. Please volunteer!

The organization was founded to promote and ensure the right of the amateur hobby collecting, recreational prospecting and mining, and the use of public and private lands for educational and recreational purposes and to carry the voice of all amateur collectors and hobbyists to our elected officials, government regulators and public land managers.

Individual dues are \$25 per year; clubs \$50 per year.

A quarterly newsletter is sent to all members.

For more information,

Visit <http://amlands.org>

Shirley Leeson, President



Lodestar & American Federation of Mineral Societies newsletters:

Please take the time during this "stay at home" period to read these newsletters. Editors put in a lot of work to assemble these for all members. of all clubs. They have informative information related to our work and what we stand for along with what is upcoming events. Give them ten minutes of your time... We all have extra time now that we are home bound.



Bench Tips from Brad



ADJUSTABLE CHUCK FOR DREMELS

Many of us have a Dremel motor tool to use at home or when out to a class or workshop. The one thing that makes this tool much more productive is the addition of one inexpensive option, an adjustable chuck.

The basic motor tool as sold typically comes with a collet chuck. This means you have to use a wrench to change every tool bit, you have to switch collets

to use different shaft sizes (3/32- or 1/8-inch bits), and you can't use ordinary drills at all - only the special ones that have a 3/32 shaft.

A simple and inexpensive (\$12) adjustable chuck solves all of this. It's available in most large local hardware stores or modelmaking outlets. Tightening the chuck is done easily by hand to any size shaft. No key is required.

IDENTIFYING UNMARKED SOLDERS

There are plenty of ways to mark your sheet or wire solders, but suppose you forgot to mark them and have a couple that you can't identify. The answer is to compare the melting temperature of the unknowns with that of a known solder. What I do is take a thick scrap of copper or nickel and arrange several solders on it. Ideally, I would have a sample of easy, medium, and hard known solders surrounding the unknown solder. Then I heat the plate from the bottom and watch the order in which the solders melt.



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

Articles are copyrighted by Brad Smith



Shows and Events

FOR A COMPLETE LIST OF SHOWS VISIT - amfed.org

Note – Due to COVID-19

Many shows may be canceled due to the COVID-19 pandemic, please check with the local club or check their website, before you plan to attend. There are a few that aren't, please go to amfed.org for a list.

62nd Mississippi Gem, Mineral, Fossil and Jewelry Show

Mississippi Gem and Mineral Society **FEBRUARY 26th & 27th**
Saturday, February 26, 2022 (9 am to 6 pm) Sunday, February 27, 2022 (10am to 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.

[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

2021 Dates: **January 8 - 10 Winter Show / April Spring Show**

July Summer Show / September Fall Show / November Xmas Show

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...](#)



Officers 2021

President - Sue West msuewest@bellsouth.net

Vice President - Cindy Braden (706) 266-0221

Secretary - Rosalind Norvel-Daniels
Dzignsbyrozz@gmail.com

Treasurer - Nicole Green nfouason@gmail.com

Directors

Lynn Tate (1 yr.) l.tate4@gmail.com

Monica White (2 yr.) Mrwhite61@gmail.com

Laura Tate (3 yr.) wanderingmsrn@gmail.com

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Workshop & Facebook Chairman

Laura Tate wanderingmsrn@gmail.com

Field Trip Chairman

Sharon Greer 3catsgreer@bellsouth.net

Librarian Chairman

Sue West msuewest@bellsouth.net

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Lisa Fitch Lapidaryarts@hotmail.com

Sunshine & Hospitality Chairman

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Assistant Webmaster

Nicole Green nfouason@gmail.com

[Southeast Federation of Mineralogical Societies](#)

Ms. State Director, Parliamentarian & Boundaries

Buddy Shotts buddynrebashotts@bellsouth.net

Past President SFMS

John Wright osjbw@cableone.com

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.



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

Sue West



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.

msuewest@bellsouth.net

Newsletter Editor

Lisa Fitch

Submit newsletter articles to:

Lapidaryarts@hotmail.com



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. 		
APPLICANT INFORMATION 18 YEARS OF AGE		SINGLE \$20.00
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 TWO ADULTS & ALL MINORS UNDER 18 YEARS OF AGE/AT SAME ADDRESS		FAMILY \$30.00
Co-Applicant / Spouse:		Email:
Date of birth (Mo/Day):	Cell Phone:	Work Phone:
JUNIOR INFORMATION UNDER 18 YEARS OF AGE ☆ SPONSORED BY AN ADULT		JUNIOR \$10.00
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: <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 _____	(Each applicant initial interests)	Jewelry Interest: <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.

