



The Golden Nugget

The Newsletter of the Florida Gold Coast Gem and Mineral Society

April 2024
Vol. 27 Issue 1

INSIDE THIS ISSUE

1. Monthly Meeting Happening.
2. Last Month's Meeting and speaker.
3. Get Involved, Editorial
4. Lapidary Shop, Tips and Tricks
5. March Birthstone - Diamond
6. Program information Form to give to Newsletter Editor.
7. Club Info, List of Officers,
8. Advertisers.



Take I-95 to Pembroke Road, (Exit 19),

- Go West 1 /2 blk.
- Turn Right just before the RR tracks.
- Turn Right after the 1st building,
- Then Left at the fence.
- Ye Olde Rock Shop will be on the left 50 feet up.

Visitors & Members are encouraged to attend!

Monthly Meeting:

Rock Tumbling – April 17th 2024 at 7:30 PM
Lucas Bush - Shop Foremen will introduce us to rock tumbling. Rotary tumblers rotate with stones and grit within them. The grit polished the stones much faster than mother nature to produce beautiful shape and polished stones.
Additionally a movie on Tanzanite the mineral will be presented.



Last Month's General Meeting

Minutes were approved and accepted.

24 people attended, and we had 1 Guests. Included in the 24 members were 2 new members. Welcome Stephanie and Mindy Strauss.

The Treasury has \$3890.87 in the bank account and \$450.00 in petty cash.

Don and Lucas indicated that the shop is good with exception of a small leak in the AC system. Don and Lucas are keeping a close eye on the situation.

A new worktable was donated to the club.

Julio Lopez updated the database with new committee members, existing members have been filling out the members and Julio has been updating the database. There are still "active" members with missing data. Julio emailed all officers those spreadsheets. If you happen to know, that member please let them know that we needs their data. Otherwise, have them fill out the member forms again. Julio indicated that there are a total of 180 past and presents members, with 78 active members in the club. We need more people to visit the shop.

This month's program speaker was Gary Crain of CPM Precious Metals. Gary's presentation focused on Gold but he touched upon Silver, Platinum and Palladium. Gary educated the group on the origin of the precious metal in the universe and how it made it here to our Earth.

Gary spoke on the methods used to determine precious metal purity, such as acid testing, conductivity and x-ray florescence (XRF). XRF being the most accurate method to determine purity. Gary educated the group on what is the gold karate. The gold karate is used to describe the content of gold in a sample. For example, 18 Karate Gold is equal to 75% content in the sample. The equals the ratio of 18k divided by the 24k.



The Golden Nugget

The Newsletter of the Florida Gold Coast Gem and Mineral Society

April 2024
Vol. 27 Issue 1

Editorial

I like to use this editorial section to thank the club for the opportunity to help write this newsletter while Karen is on vacation/away. As a relatively new member (less than a year), getting involved with the new member committee and the database manager has allowed me to meet all you great people. I am getting to know who's who. As I help build the member database, please ensure that your data is correct. Please ask Bobby Allan or I if we have your correct data. We do not want to miss anybody either. As we build the database, we hope that we find you, that one member that is willing to get involved, either teaching a class, making a presentations or any aspect of helping the club.

I hope I echo all the officers and members on this thought/comment.

Thank you all
Temp Editorial Assistant
Julio Lopez
Juliolp2059@gamil.com

Last Month's General Meeting (Continued)

He spoke about the control of gold by certain countries. He showed samples of gold in everyday items such as computers. Finally, he spoke about finding that trustworthy and reliable dealer to buy and sell Gold.

Overall, this presentation was very instructional and we look forward to listening from Gary again. Thank you Gary.

The meeting adjourned at 8:30 PM

Get Involved!

The Florida Gold Coast Gem & Mineral Society offers a variety of ways that you can become involved within the club.

Club Picnic – our Tri county Club picnic will be held Sunday April 28 at TY Park pavilion #9 at 10 am to 3pm. WPB, Miami & Ft Lauderdale clubs will be there. Please bring your own table for your sales and a side dish or desert of any kind. Sean will be making the sloppy Joes. Miami will bring Ham and west Palm beach will bring Turkey.

What is it? Got a rock you have always wondered about?

At each monthly meeting, we spend a few minutes identifying rocks, gems or minerals.

The Lapidary Shop Learn how to cabochon or facet a gemstone by our experts, for nominal fee. Once you learn, the shop is available for use, for a small charge.

Library The Les & Marge DeGarmo Library at the Lapidary Shop has a variety of books & magazines on dealing with rocks, gems, minerals or jewelry making. Check them out literally!!

Outside Our Area The Southeast Federation website lists Rock & Gem Clubs & lapidary & jewelry schools that you can contact to visit.

The Lapidary Shop is Open!

Our lapidary shop is open Tuesday and Thursday evenings from 6:30 PM to 9:30 PM & Sunday mornings from 9:00 AM to 12:00 PM. The shop is located at 33 East Acre Dr., Suite 33, Plantation, 33317; this is just west of the Turnpike off Broward Blvd.

The Shop is only open to paid members of FGCGMS. Children under 16 may not use the shop unless accompanied by a parent or guardian at all times. Classes are available for the following skills: Cabochon making (cabbings), Faceting, Solderless Stone Setting.



The Golden Nugget

The Newsletter of the Florida Gold Coast Gem and Mineral Society

April 2024
Vol. 27 Issue 1

April Birthstone - - Diamond

The birthstone representing April is diamond. The vast majority of diamonds are transparent, colorless, and show an extraordinary display of well-defined white and multi-colored flashes. Rarely, diamonds also occur in a rainbow of exciting body colors.

Diamond is perhaps most famous for its superior durability. The gem gets its strength from a symmetrical atomic structure which is made from pure carbon. Diamond is difficult to damage, and, coupled with its fiery appearance, it is the most popular gemstone option for engagement rings



In fact, diamond jewelry of any kind can last so long that it is treasured by multiple generations. In addition to being the birthstone for April, diamonds are traditionally presented as gifts to commemorate 60th and 75th wedding anniversaries

What is April's Birthstone?

This classic eternity diamond necklace set in 14K white gold is a wonderful gift that can be worn with a t-shirt as easily as it can be with an evening dress.

What is the Color of the April Birthstone?

The vast majority of natural diamonds - somewhere near 98% of the total global product - are colorless. Colorless diamonds may express small amounts of yellow, brown, or gray. If all other factors are, the same, colorless diamonds with lesser amounts of these colors are rarer, thus more valuable, than those with more.



This classic eternity diamond necklace set in 14K white gold is a wonderful gift that can be worn with a t-shirt as easily as it can be with an evening dress.

Find this Necklace
at Blue Nile

While they are technically colorless, many sellers will commonly advertise them as white diamonds. The precise level that these colors present, if any are there at all has such a powerful impact on the price-per-carat value of a diamond that a standardized scale describing the exact amount of color in a stone, the D-Z color scale, was developed by the GIA and is now accepted globally. Diamonds with a color of D have absolutely no color in them while Z gems have the most color allowed to still be considered colorless.

This 1.00 ct. diamond has a slightly warm color with a grade of L.

While colorless diamonds with less color are valued more than those with higher amounts, that doesn't mean that gems whose color grade falls lower on the alphabetic scale are any less beautiful. Beauty truly is measured in the eye of the beholder and different people are attracted to different colors. Some do prefer to stick with the pricer colorless grades (D, E, and F), which have a pure color and look especially amazing in



The Golden Nugget

The Newsletter of the Florida Gold Coast Gem and Mineral Society

April 2024
Vol. 27 Issue 1

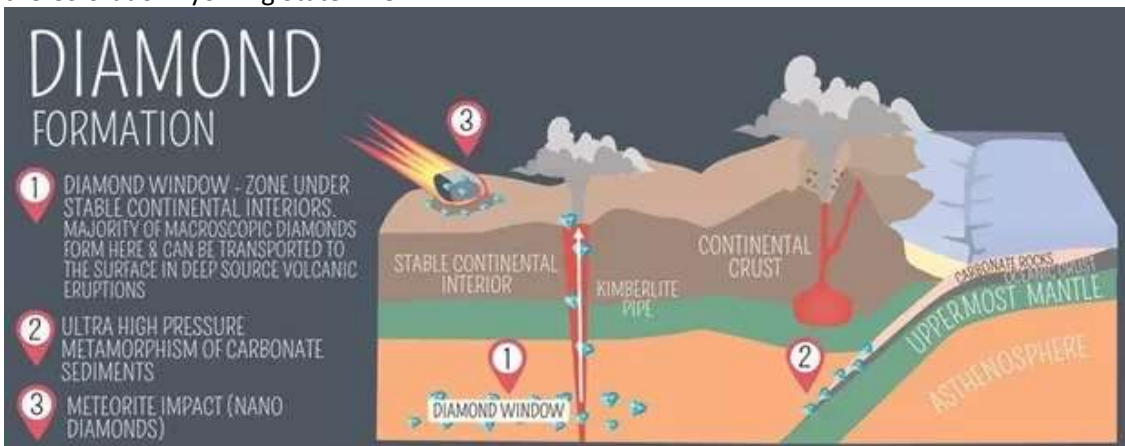
white gold or platinum mountings. Others gravitate towards stones that have warmer tones, especially if they are placed in non-white mountings (ie, rose gold) as diamonds absorb light from their surroundings and then reflect those colors back to your eye.

The 14K yellow gold mounting of these hoop earrings has a nice contrast with the colorless diamonds, but it also makes them appear to have a warmer color.

The remaining 2% of diamonds are considered "fancy-colored" gems. Fancy-colored diamonds can fall anywhere on the color spectrum, including pink, blue, green, black, brown, and gray. The various body colors are all caused by different factors which include the presence of internal chemical impurities and the environmental conditions that stones were exposed to while still in the Earth.

Geology of Diamond

Diamonds form under extreme high temperatures and pressures. Rocks containing carbon (therefore diamonds) are brought up from the mantle to the surface of the earth by explosive igneous rocks. These called kimberlites after Kimberly South Africa. Kimberlites intrude as pipes and dikes called diatreme pipes. Notable kimberlites are found in South Africa, Tanzania, Angola, and Siberia. However, diamond-bearing kimberlite-like rocks are currently known to be present in only two areas of the United States, Arkansas and the Colorado-Wyoming State Line.



Diamonds for local Rock hounds

For a small fee rock hounds can mine and hunt for diamonds at the CRATER OF DIAMONDS STATE PARK AND VICINITY, PIKE COUNTY, ARKANSAS.

Crater of Diamonds is the only public mining spot in the world where you can keep your diamond.

<https://www.arkansasstateparks.com/parks/crater-diamonds-state-park>





The Golden Nugget

The Newsletter of the Florida Gold Coast
Gem and Mineral Society

April 2024
Vol. 27 Issue 1

IF YOU HAVE ARRANGED A SPEAKER FOR THE CLUB MEETING, PLEASE BE SURE ALL OF THE INFORMATION NOTED BELOW IS INCLUDED.

Email the form to the newsletter editor at kwarseck@gmail.com

Month the speaker will be speaking:

First Name

Last Name

*Title or Self Identifier: (for example rock hound, Geologist, whatever the person calls him/herself.)
(no more than five words)*

Type self-description here:

Title of Program:

Short paragraph on content of presentation:

Biographical information on presenter:

Phone number of speaker in case further information is needed:

Name of person submitting this form:



The Golden Nugget

The Newsletter of the Florida Gold Coast Gem and Mineral Society

April 2024
Vol. 27 Issue 1

Club Info:

Club's Email: fgcgms18@gmail.com
 Club's Website: <http://www.fgcgms.com>
 Federation Website: <http://www.amfed.org/sfms>
 Mailing Address: 6254 NW 102 Way, Parkland, FL 33076

List of Officers:

Function	2 nd Function	Name	Phone Number	E-mail Address	2 nd E-mail Address
President		Sean Branigan	954-592-1503	thebranclan@bellsouth.net	president@gmspb.org
Vice President	Shop Foreman	Don Titman	305-502-4345	nolewake@yahoo.com	
Shop Foreman	Program Committee	Lucas Bush	954-588-6323	snugglesfish22@gmail.com	
Secretary	Program Committee	Susan Anderson	954-559-9198	pochiepwlor@aol.com	pochiepwlor@aol.com
Treasurer		Beverly Norona	954-205-5815	bevn12345@aol.com	yorkierambo
Sunshine Chair		Mirtha Rimarachin	954-948-7657	mrimarac88@gmail.com	
Member Committee	Database Manager	Julio Lopez	786-603-8081	juliolp2059@gmail.com	
Member Committee		Robert Allen	954-981-2307	a_robert4@icloud.com	rca39@yahoo.com
Refreshment Committee		Ariel Helman	305-335-4405	arielh305@gmail.com	
Game master / Quiz Committee		Dick Haliburton	954-249-0365	dickhaliburton@gmail.com	
Newsletter Committee		Karen Warseck	954-987-0645	klcw.architect@gmail.com	kwarseck@gmail.com
Newsletter Committee		Jeffrey Gross	954-987-0645	klcw.architect@gmail.com	kwarseck@gmail.com



The Golden Nugget

The Newsletter of the Florida Gold Coast
Gem and Mineral Society

April 2024
Vol. 27 Issue 1

Advertisers:

Ye Olde Rock Shoppe

Ye Ole Rock Shoppe
1425 S 30 Avenue, Suite C, Hollywood, FL 33020
954-295-0606, 954-610-8084
Yeolderockshoppe@comcast.net
<https://yeolderockshoppe.com>



Crystal Cave Rock and Gem Shop
6835 Stirling Road, Fort Lauderdale Florida 33314,
<https://thecrystalcaverockandgemshop.com>
Phone: (954) 585- 8988 Fax: (954) 585-8988
Email: jackiescrystalcave@att.net



The Art School: Offers classes in precious metal clay, metals fabrication, cabochon cutting, enameling and other art jewelry related subjects, as well as drawing, painting, clay and pottery, photography and more.
www.bocamuseum.org/theartschool or
facebook.com/bocaschool call 561-392-2503.



Tristina Dietz Elmes
954-817-2042
Tristina@DietzArt.com
www.DietzArt.gallery
Artist | Teacher | Author Instagram:
@DietzJewels Instagram:
@AsianFusionGraffiti YouTube:
@TristinaDietzElmes
Lapidary Artist DietzJewels.Etsy.com