



A monthly publication of the Clear Lake Gem & Mineral Society

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NEXT MEETING: Tuesday, March 15, 2022

TIME: 7:00 p.m.
LOCATION: Helen Hall Library
100 W Walker St.
League City, TX 77573

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MINUTES OF THE February CLGMS GENERAL MEETING

We were discussing all the planning for our Annual show, mainly the volunteers schedule.

MINUTES OF THE March CLGMS BOARD MEETING.

Clear Lake Gem and Mineral Society Board Meeting at Panera Bread on 3/7/2022.

Our February show was a big hit and vendors were wondering if we would have another one in August. If we have another show, we will need more volunteers and next show we will have lunch for our members who work the show. We are going to have sandwiches and drinks in coolers for them.

The tickets will have three parts, so that we can keep track of how many people come to the show. For the final numbers for the show.

We had 49 Venders, 230 Tables, \$523.50 for the Auctions.

Signs need to be made saying no weapons at the show.

The only drawback from the show was the Scout's Room it needs some done better, but that was all.

Christina will help Charlie with updating the library grant letter, so that we can start sending it out to the schools near our communities. The membership and other paperwork also need to be updated as well.

John was going to ask the library if we can use a mic in the room, so that members can hear the officers up at the front.

Elections for new officers will be going on during the next meeting will take office in April.

Our next show will be March 18-19, 2023.

Please check out our Facebook page: **Clear Lake Gem and Mineral Society.**

Field Trips Announcement

Currently – no field trips are scheduled.

If you have a good location for our club field trip – please contact:
annabel.brownfield@gmail.com or call/text: 281-486-1866.

Upcoming events - We are looking forward to the following programs.

Title: Mineral Collecting- the good, the bad and the fake

How do you know the crystal you're buying is natural?

Has it been modified after mining to change the color with heating, coating, dye impregnation or irradiation? Or could it be downright fake (i.e. grown in a lab)?

Regulations for *gemstones* require these kinds of things to be disclosed to the buyer. But when it comes to minerals, no such regulations exist.

In this talk, Shalina Warrior (geologist, and owner of Truth Minerals) will show examples of altered and color-treated crystals (For example, did you know that most citrine on the market is actually heat-treated amethyst?). You'll learn how to spot modifications and fakes- so you can crystal shop with confidence!

She'll also share some of the bad (you've heard of blood diamonds, right? How about "blood crystals"?), and the good so you can be an informed consumer!

Shalina Warrior - Bio

Feel good when you adorn your home with **small-batch mined, local US minerals** from **Truth Minerals!**

As a childhood dirt-digger turned career geologist, Shalina Warrior couldn't help but notice that more and more people are collecting crystals, minerals and fossils!

In many areas of her life she's **intentional about the food, clothing and products** she buys, eats and serves her family. Farmer's markets, organic, local, USA made, small batch - that's what she looks for as a consumer.

Shalina realized that **many of the crystals on the market are not "clean"**. At best some are sketchy - with undisclosed heat or radiation treatment or outright synthetic minerals. And at worst- lives are lost during the extraction process, no safety equipment's provided for miners and child labor's rampant.

So she started Truth Minerals to provide small batch mined, American crystals to serve crystal consumers interested in **ethically sourced minerals!** She share stories about the miners (who she buys directly from), adventures sourcing with her family and info about minerals and the Earth in an uplifting bi-weekly newsletter.

A portion of all Truth Minerals' **profits goes to local organizations** like 16 Hands of Love, an animal rescue in Seabrook, TX and the Houston Food bank. **You can truly feel good with Truth Mineral's crystals** adorning your high vibe home.

Come by and say hi to Shalina, her cousin Melissa from Colorado, and her son Ryland at the show! Check out all the magnificent minerals from right here in the USA!

Sign up for the newsletter at [TruthMinerals.com](https://www.truthminerals.com) (you'll see a pop up asking for your name and email address) for a **20% off coupon on your purchase online or at the show** - and get bi-weekly emails with some fun stories and info!

And be sure to follow Truth Minerals on Instagram:

https://www.instagram.com/truth_minerals/?hl=en

Facebook: <https://m.facebook.com/pg/Truth-Minerals-112894203924052/posts/>

or send Shalina an email: shalina@truthminerals.com or call: 281-900-9467



Rocks & Gems From Texas (Continued)

Texas has many various gems and rocks that are collected and prized by individuals from everywhere including foreign countries. Texas did not have the large volcanic upheaval that other parts of the United States did. Texas's western area starting in El Paso east to the Fort Stockton area north and south from there is the end of the Rocky Mountain range

and has much lava rock, ash beds of various time periods, volcanic vents and igneous rock areas. A lot of silver and some gold come from these areas. Garnet and other volcanic gas produced crystal comes from these areas also. Beautiful agate of various types and colors comes from these areas also. Gypsum and other gypsum type of glassy rocks come from this area as do fire agate some opal type of rocks to. East of the line from Fort Stockton gets you into the limestone area of Texas. The northern area of this region around the Menard area is the older limestone that has started to turn to chert rock which is harder and going toward flint. Below that is limestone and ash that is younger and except for the different mineral colors in it, if any, there is not much to look at. Starting west of Mason granite starts coming to the surface. Around the Mason area is where Texas gets its Topaz. Beautiful topaz has been found in the voids in the granite and around loose on the ground forever. Natural blue and clear are the average color found there with the clear being the prevalent color. Texas topaz is a harder rock than most topaz found throughout the world. The Star of Texas cut of topaz is highly valued everywhere. I will be listing places

for you to go on a pay to dig site as I get more info in place. And you can call the Mason Chamber of Commerce for that information to. Other quartz crystals can be found along with the topaz and gold and silver along with various quality of smoky quartz that can be cut into gems. Into the Central Texas area of Llano is where in the Llano river can be found topaz, quartz crystals, agate, onyx, pyrite, feldspar crystals, mica, garnet, Llanonite (only found in Llano, TX), gold, fluorite, hematite, blue quartz, smoky quartz, silver, tourmaline, types of opals and many more. Matter of fact if you look in the migdat.org web site for Llano Co., Texas, USA you will see over 100 minerals listed in the fact part of the site that is in the Llano river and Llano County. There are a lot of iron deposits around the Llano uplift that produced great specimens of hematite and gold. The Hickory sand stone of the area produces gold also. The schists of the area produces tourmaline and has gold and silver and other minerals in the various types of schists of the area. Most of the specimens are small, but are in Llano County and several of the surrounding county's to be found. I have heard of only two tails of diamonds being found in the Llano uplift. I know where I heard they were found and have found no other reference of any other diamonds. But I believe they were there and there is probably more around that area as there very well could be a diamond in the gas's that came up in that area. All around the Llano uplift is contact zones where gas's cooled and formed all types of crystals and some are called rare earth minerals. They are also found in the different type of granite.

There are areas that are very "hot" meaning that the area and most of the areas rocks are very high in radiation. The rocks of the area make great crystals and pretty rocks but are dangerous to stay around. Be aware of the rocks you are collecting. South of the Llano uplift down around the Rio Grande below Del Rio is great agate country and also where there is a type of marble that one might be able to see free gold in. It is there and I have found one piece. If I could remember where I put it now that would be great.

Further down the Rio Grande to Baffin Bay and the Lower Laguna Madre area you can find river wash rocks from when the river flowed more easterly. Some of them are quite pretty and came from no telling where. In the eastern central part of the state from Houston north the land is over burden from the north when there was a lot of water coming down and filled in all that area. But, there are areas of gravels that all types of rocks can be found including fine gold.

Up from the Houston area around Huntsville you start getting into the petrified wood area of the state. All around the areas that have the coal mining going on can be found petrified woods of all types and sizes. Various types of hematite iron ore and some crystal gypsums can be found also. I have several multiple terminated crystals from around the lake area in the area.

North Texas has the flint areas, some gypsums, some agates and hickory sandstones that has gold in it. Most of north east Texas has iron ores and some gold out of them and various rocks out of the mountains in Oklahoma that washed down the same time the center of Texas was filling up.

Central east Texas has iron ore, gold, lead and silver in the galena's of the sandstones of far east Texas. As I get farther into developing this site I will be putting pictures of these different types of rocks but I will be showing something in the pictures for a person to tell how big the specimen is and not do like the rock books do and show a beautiful specimen that you go out and hunt for and not find only to find out that the picture in the book showed a specimen that was as big as pencil lead and you were not going to find one.

TEXAS OFFICIAL GEM STONE - THE TEXAS TOPAZ

www.masontxcoc.com

www.masoncountrycollectibles.com

Topaz is a silicate mineral of aluminium and fluorine. Topaz crystallizes in the orthorhombic system and its crystals are mostly prismatic terminated by pyramidal and other faces. Topaz in its pure state is colorless and transparent. Topaz can be in nature tinted with impurities to make other colors like yellow, pale gray, reddish-orange, blue, pink along with several other colors. Most of the Texas Topaz is clear or blue. Blue Topaz is the actual State Gemstone of Texas, (Topaz became the State Gemstone in 1960) and is rare in nature.

Topaz can be heat treated to turn blue. Topaz is commonly associated with silicic igneous rocks of the precambrian granite which is where the topaz is in Mason county Texas. In the Mason Texas area topaz is most if not always found in the Streeter, Grit and Katemcy areas which is in the central west to south western side of the county. Topaz was first recognized in Mason county in 1904.

To fully know if a crystal is topaz or not one would need to drop the stone in a container of a liquid called Bromoform which stinks and is toxic to anyone or thing so please be careful if you wish to do that. If you want to go out and look for your own topaz in Mason county you can give the Mason Chamber of Commerce a call at 325-347-5758 or go to www.masontxcoc.com and they can give you information on the several different ranches that have pay to dig topaz on their property.

Texas Topaz is harder to locate now as there has been a lot of persons out looking for their own topaz in the past years, but, if you take your time and work the low spots and water run off areas of the properties with a screen and buckets of dirt you can still find topaz right out of the ground on these pay to dig sites. Now if you are just in the mood to buy some of the finest examples of Texas Topaz jewelry from already found Mason Texas Topaz there is THE place in Mason to do just that. The name of the store is the MASON COUNTRY COLLECTIBLES & MUSEUM. INC. and this store has it all. I love going in this store and I can spend a number of hours looking over the several thousand square feet of down stairs and up stairs of store as well as the outside of the building at all of the collectibles, antiques, old tools, old books, old pictures, old knickknacks and the old everyday items that was used in the “good ol’ days”.

You will not believe the items on the shelves in the store that you will be able to look through that will bring back old memories if you are or are not older and whether you are from the country or the city or just someone looking for some of the fore mentioned items. The other and larger draw to the store as noted above is the area of the store that has the Topaz treasures in it. You will be hard pressed to find a finer display of TEXAS STAR CUT TOPAZ STONES both displayed in silver or gold settings or in loose and faceted stones that you can buy and take them with you or have the store personal put the Topaz stone of your choice put in a setting of your choice.

The owners, Warren & Susan Grote, allowed me to take some pictures of several different Topaz Star of Texas cut stones and jewelry while I was in there a couple of weeks ago and as usual when you are in that part of the store there is a line of people that you will wait on to get your turn to look and buy some the Topaz items the store has to offer. I always keep my wife away from that part of the store if at all possible. Of course she already has one or two or three or more topaz rings and necklaces but it would turn out she would not have THAT particular stone she would key in on in the display cases that I would have to get her.

There are truly some fabulous Topaz stones and jewelry in the cases in the Mason Country Collectibles & Museum store for you to go through. The whole information on location and contacting the Mason Country Collectibles & Museum store is: phone number 325-347-5249, 2 blocks North of the County Courthouse on HWY 29 West on the right hand side of the rest. Web site is: www.masoncountrycollectibles.com.

SCFMS and MEMBER CLUB GEM SHOWS			
Jan: Fredericksburg Rockhounds, Fredericksburg, TX 01/15-16/22, Lady Bird Johnson Park East Texas Gem & Mineral Society, Tyler, TX 01/21-23/22, Tyler Rose Garden Center	Feb: Williamson County Gem & Mineral Society, Georgetown, TX. 2nd weekend in Feb., San Gabriel Park Community Center Clear Lake Gem & Mineral Society, Houston, TX 02/26-27/22, Pasadena Convention Center Hi Plains Gem & Mineral Society, Plainview, TX	Mar: Gulf Coast Gem & Mineral Society, Corpus Christi, TX 03/05-06/22, R.M. Borchard Fairgrounds, Robstown, TX Big Spring Prospectors Club, Big Spring, TX Usually 1st weekend in Mar., Howard Co. Fair Barn Southwest Gem & Mineral Society, San Antonio, TX 03/12-13/22, venue to be announced.	April: Central TX (Abilene, TX) Chihuahuan Desert (Alpine, TX)
May: Waco (Waco, TX) *Tyler Gem & Mineral Ft. Worth (Ft Worth, TX).	June: Arlington (Arlington, TX)		
STONEY STATEMENTS Clear Lake Gem and Mineral Society, Inc PO BOX 891533 Houston, Texas 77289			

Meeting 3rd Tuesday of the Month

7:00 P.M.

League City Library

100 W Walker St, League City, TX 77573



Member of

Next Annual Show

March 18-19, 2023

Pasadena Convention Center

CLGMS is on the Web:

<http://www.clgms.org>

FACEBOOK: CLEAR LAKE GEM AND
MINERAL SOCIETY.



American
Federation of
Mineral Societies

South Central
Federation of Mineral
Societies

Clear Lake Gem and Mineral Society, Inc

MEMBER: American Federation of Mineralogical Societies and South Central Federation of Mineral Societies

PURPOSE: To promote education and popular interest in the various earth sciences; in particular in those hobbies dealing with the art of lapidaries and the earth sciences of minerals, fossils and their associated fields.

2021 OFFICERS:	President	John Caldyne	832-282-4270
	Vice President	Cynthia McGowan	281-546-2662
	Secretary	Christina Rankin	281-723-5408
	Treasurer	Morgan Davies	281-224-2444
	Program Director	VACANT	
	Board of Directors:	Sandra Christiansen	Jerry Newberry
		Jim Edwards	Jim Hawkins
		Sara Tanner	Donna Nelson
	Newsletter Editor	David Tjiok	

Annual Show 2021	Sandra Christiansen	Membership.....	David Tjiok
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Community Benefits.....	Charlie Timme	Refreshments.....	John Caldyne
Historian.....	David Tjiok	Education/Field Trips.....	Annabel Brownfield
Publicity.....	Annabel Brownfield		
Facebook.....	Cynthia McGowan		

Membership Dues Jan. to Dec. 2021: Adult \$15:00, \$5.00 per additional adult at same address, Junior \$5.00, \$5.00 per member with adult at same address, Family Dues \$20.00 (4+) at same address. Send Dues to CLGMS, PO BOX 891533, Houston, TX, 77289