



A monthly publication of the Clear Lake Gem & Mineral Society

VOLUME 46

April 2020

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BE SAFE and STAY HEALTHY:

Wash your hands

Stay at home if possible

Practice safe distance if going out

Wear mask to protect others

Disinfect common areas

NEXT MEETING: May 18, 2020

TIME: 7:00 p.m.

LOCATION: Clear Lake Park Building
5001 Nasa Parkway
Seabrook, Texas

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Board/General Meeting Minutes Upcoming events. Field Trips.	2-3	Due to the current situation on COVID-19 pandemic, the Harris County Parks and Recreation office has decided to close all the Park Buildings for public use. We will not going to have our April General meeting. The May General meeting is still undecided yet, until I hear from the Parks office. In the meantime, please follow all the necessary guidelines to stay healthy.
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MINUTES OF THE March CLGMS GENERAL MEETING

March 2020 Meeting was cancelled due to the current COVID-19 situation.

MINUTES OF THE April CLGMS BOARD MEETING (via ZOOM meeting)

- The club will be giving out scholarships again this year (3x\$2000). Please inform all your relatives/friends who have children going to college or already in college that are majoring in Earth Sciences to apply. - **The deadline is extended to July 1st, 2020.**
- The Gem Mine has been requested to participate in several school activities as a fund raiser. The first one will be coming soon - March 28th, 2020 from 10-2 at the Armand Bayou Montessori School. 16204 Hickory Knoll Dr., Houston, Tx 77059. Several volunteers are needed to help out. This will be a lot of fun. - **The event was cancelled due to the current COVID-19 situation.**
- Several Club positions will be open, VP, Secretary, Webmaster, and Program Director. We are in need to fill those positions. Please consider helping the club by filling at least one open position. This will help the club with fresh ideas and also allow the veteran to take a break.

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

Currently, we still do not know whether the Parks and Recreation Office will open the building for us to have the May 16th, 2020 General meeting. Please check the website and email for further news. I will announce the information as soon as I find out.

Field Trips Announcement

Two field trips are planned for the spring. On April 25, we will travel to Lovelady, TX, in search of petrified wood. Petrified wood is the name given to a special type of fossilized remains of terrestrial vegetation. Petrification is the result of a tree or tree-like plants having transitioned to stone by a mineralization process that often includes pre-mineralization and replacement. - **This field trip is cancelled.**

On May 30, we will travel to Oglesby, Tx, in search of turritella. The fossil remains of turritella are the shells or the cast of shells from soft-bodied mollusks. Turritella are a type of sea snail with tall spiral shells. They vary in size from about 1/2 inch to 6 inches long.

More details will follow. If you are interested, please send me an email, annabel.brownfield@gmail.com or call/text: 281-486-1866. – **This field trip is cancelled.**

Golden Rules: Tips for Purchasing Gifts of Gold

from Mountain Gem 11/1997 via The Calgary Lapidary Journal 5/2010

It is beautiful, it is flattering, it is precious, and it never goes out of style. That is what makes gold jewelry a popular gift, year after year. Classic designs can be found in 14K, 18K and even 24K gold. To help you get the most for your money, as well as a whole lifetime of pleasure, the World Gold Council offers some “golden rules” for purchasing.

Know your Karats

Always look for a karat mark when purchasing gold jewelry. It is usually stamped as 10K, 14K, 18K or 24K, but could also be stamped 417, 585, 750, or 9999, which are the European equivalents.

The karat mark indicates the percentage of pure gold in the piece. 24K is 100 percent gold. Gold is often alloyed with other metals, like copper, silver, nickel and zinc, to give it strength and durability. The higher the karats, the more gold in the piece.

Different proportions of metals added to pure gold give gold alloys their yellow, rose, green and white coloration. Most gold jewelry contains a mixture of at least two other metals.

A Wealth of Difference

Gold Filled: A layer of gold backed with another metal such as chrome, nickel, copper, or silver.

Gold Plate: The process of placing a base metal, such as copper, in a bath and sealing the two metals through electroplating.

Gold Leaf: A sheet of gold varying from 4 to 5 millionths of an inch in thickness used for gilding and other purposes.

Liquid Gold: Finely divided gold suspended in a vegetable oil and used for gilding ceramics.

Vermeil: 14 Karat gold overlaid on sterling silver.

Sterling Silver: Silver of a purity of 925 parts per 1,000. The content is 92.5 percent silver and 7.5 percent of another metal, usually copper.

Silver Plate: Silver that has been coated over a base metal such as copper, nickelsilver or brass in a dipping process that included sealing the two metals through electroplating.

All that glitters is not gold. Sometimes it is “fools gold” or pyrite.

Pietersite

Taken from the Feb 2015 “The Goldrush Ledger”
Charlotte Gem & Mineral Club

Pietersite was discovered by Sid Pieters in 1962 while he was prospecting some farmland in Namibia, Africa. After his discovery, he registered the find in the mineral records of Britain. His discovery was published in 1964, and the material was named pietersite. Currently there are only two known sources of pietersite: African and Chinese. Pietersite is considered a type of tiger’s eye, having the same properties as tiger’s eye but with different patterns due to its brecciated formation.

The fibrous structure in pietersite has been folded, stressed, even fractured and/or broken apart via the Earth’s geologic processes. The fibrous materials have then been reformed and naturally recemented together by quartz. Stones and crystals that go through this process are referred to as brecciated, creating a finished product with multiple colors, hues and superb chatoyancy. While pietersite has the lovely chatoyancy of tiger eye, it is not found in continuously structured bands. Rather it can form in swirls, swathes and fibrous (sometimes linear) segments. Thus the structure of the fibrous streaks in pietersite may appear rather chaotic, and can flow or exist in many directions side-by-side like bold paint strokes.

African pietersite is the most sought after pietersite due to its wide range of colors. Colors include various blues, golds and reds, that may appear together or alone. Blue is the rarest color, followed by red. The blues range from a baby blue to dark midnight hue. Golds can be light to very deep and rich, sometimes having a reddish hue. All fibrous color variations will have a superb and striking chatoyancy, the bright and subtly changing shimmer of color that moves along the surface of a gemstone as it is viewed from varying angles.

Chinese pietersite is said to have been discovered in 1993, but did not come to market until 1997. Chinese pietersite exhibits slightly different variations in color and patterns from the pietersite found in Africa. Its colors are primarily golden and bronze, as seen in the pictures to the right, but can also be found in blue shades.



<http://digforcrystals.com/images/10-pietersite.jpg>

Pietersite Colors

Pietersite colors compromise with red, gold, blue, rusty red, and brown. The blues can either be baby blue to a shady midnight color. The Chinese Pietersite often arrives in colors of blue gold, and blue segments, which sometimes also incorporated with a deep golden brown.

Pietersite Sources

For several years, this stone was believed and only found in Namibia. During 1993, a similar set of material was found in Hunan State in China, although specimens did not draw closer to market until 1997. It is now assumed that production in China has closed, and limited amount from Namibia has caused Pietersite quite hard to find.

Pietersite Emotions

Pietersite is a religious activation gemstone, helping an individual to find a new direction to move forward. Pietersite also assists to clear pathways that feel blocked or inactive by stimulating the chakra system and letting the light energy into single energy field and body. Pietersite is said to grasp the keys to the empire of heaven by connecting the spiritual realm with your everyday living.



These stones are also gently reminding you that you are the first spiritual being experiencing the individual's condition, not the former way around. From this way, as it does the capability to see the lessons and optimistic outcome of different struggle and issues we have in our daily lives. Pietersite is a useful stone when functioning with Akashic records or your past lifetime.



http://digforcrystals.com/images/pietersite-7464_5_.jpg

SCFMS and MEMBER CLUB GEM SHOWS

April 11-12, 2020 ABILENE, TEXAS: Annual show; Central Texas Gem & Mineral Society; Abilene Convention Center, 1100 North 6th Street and Pine	May 23-24, Ft. Worth, TX, Fort Worth G&MC Will Rogers Memorial Center, www.forthworthgemandmineralclub.org	May 30-31, Lubbock, TX, Lubbock G&MS, Lubbock Memorial Civic Center, www.lubbockgemandmineral.org	June 6-7, Summer San Francisco Crystal Fair , Mason Center for Arts & Culture, 2 Marina Blvd, San Francisco, CA 74123, http://jerry@crystalfair.com/
June 19-21, Carlsbad Gem and Mineral Society , Living Desert State Park, 1504 Miehl Drive N. Living Desert State Park, Carlsbad, NM 88220, www.carlsbadgms.org/	July 11-12, TRMS Gem Mineral and Jewelry Show , Tulsa Fairgrounds, 4145 E 21st St, Tulsa, OK 74114 www.tulsarockandmineralsociety.org/	July 17-19, Conroe, TX Lone Star Convention Center, 9055 Airport Rd www.rmgmpromotions.com	Aug 8-9, Baton Rouge Gem & Mineral Society Show , Lamar-Dixon Expo Center, 9039 S Saint Landry Ave, Gonzales, LA 70737 www.brgemandmineral.org/
Sept 11-20, Denver Coliseum Mineral, Fossil & Gem Show , Denver Coliseum, 4600 Humboldt St, Denver, CO 80216 www.coliseumshow.com/		Oct 9-11, Greater Detroit Gem, Mineral & Fossil Show , Macomb Community College Expo, (313) 255-7774 www.michmin.org/show-info	Oct 9-11, Big Sur Jade Festival Los Padres National Forest, 69325 Highway 1, Big Sur, CA 93920 https://bigsurjadefestival.com/
Oct 24-25, Akron Mineral Society Show , Emidio & Sons Banquet Center, 48 E Bath Rd, Cuyahoga Falls, OH 44223, www.gemboree.org/	Oct 31-01, OK Mineral and Gem Society Show , State Fair Park, 608 Kiamichi Place, Oklahoma City, 73107, http://omgs-minerals.org/		
			April 10-11, 2021, Central Ohio Mineral, Fossil, Gem & Jewelry Show , Northland Performing Arts Center, 4411 Tamarack Blvd, Columbus, OH 43229, 614-436-4511
STONEY STATEMENTS Clear Lake Gem and Mineral Society, Inc PO BOX 891533 Houston, Texas 77289			
Meeting 3rd Monday of the Month 7:00 P.M. Clear Lake Park Building 5001 NASA Parkway, Seabrook, Texas			

				
		Member of		
Next Annual Show February 20-21, 2021 Pasadena Convention Center			 American Federation of Mineral Societies	 South Central Federation of Mineral Societies
CLGMS is on the Web: http://www.clgms.org 2/20-21, 2021				
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.				
2020 OFFICERS:	President Vice President Secretary Treasurer Program Director Board of Directors: Newsletter Editor	David Tjiok John Caldyne Trina Willoughby Morgan Davies VACANT Sandra Christiansen John Caldyne Jim Edwards Donna Nelson Sara Tanner VACANT	832-423-4802 832-282-4270 713-815-0275 281-224-2444	
Annual Show 2020 Sandra Christiansen Constitution & Bylaws.....Sara Tanner Community Benefits.....Charlie Timme Historian.....David Tjiok Publicity..... Cynthia McGowan Facebook.....Trina Willoughby Membership.....Mike Flannigan WWW System Admin..Mike Flannigan Refreshments.....John Caldyne Education/Field Trips.....Annabel Brownfield				
Membership Dues Jan. to Dec. 2020: 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				