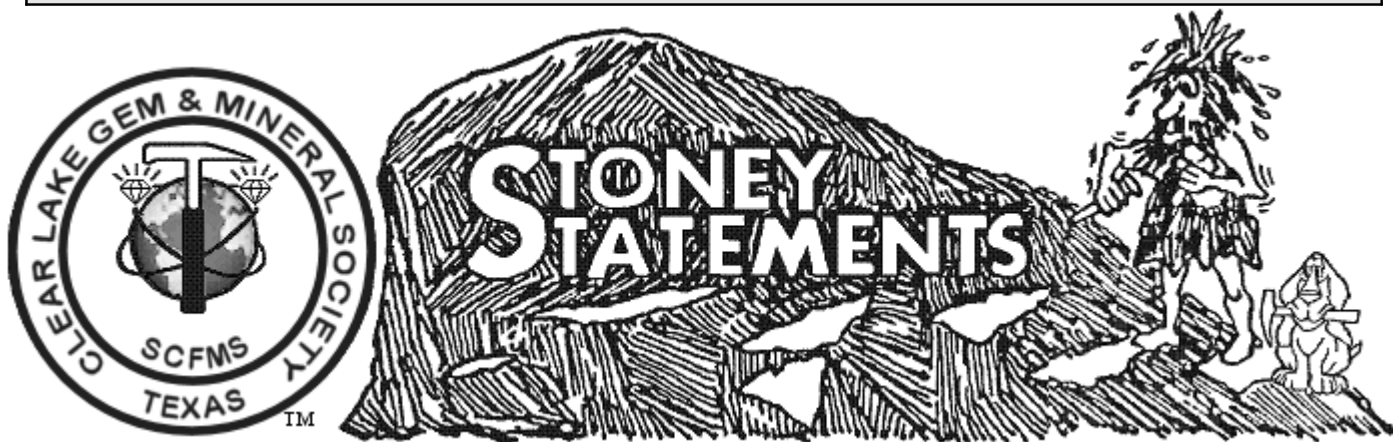




NEXT MEETING: **Tuesday, Jan 17, 2023**

TIME: **7:00 p.m.**

LOCATION: **Helen Hall Library
100 W Walker St.
League City, Tx 77573**

INSIDE THIS ISSUE

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Board/General Meeting Minutes Field Trips/Events Presentation	2	We will be planning for our Rock Show. Please also bring something for a 5 minutes show and tell or any other short presentation to share with the group. http://www.clgms.org/
Spessartine	3-5	
Benefits of Citrine Crystal	5-8	Our next show will be March 18-19, 2023.
Upcoming shows	8	Please check out our Facebook page: Clear Lake Gem and Mineral Society
Officers	10	https://www.facebook.com/clgms/

Minutes Of The December CLGMS General Meeting

Clear Lake Gem and Mineral Society gathered on Dec 13, 2022 at Barcenas Mexican Restaurant for the Christmas dinner.



Minutes Of The January CLGMS Board Meeting

Clear Lake Gem and Mineral Society Board Meeting via Zoom on 1/3/2023.

- Mike and David were added to the club's Account at Chase bank. We are working on the squares/electronic payment systems.
- The patches are being put on the vests by Kim and hopefully they will be done on the next general meeting.
- The 2025 dates have been secured - we are going back to our regular dates - the last full weekend in February.
- Dues will be collected again for 2023 for all members under 70 - same fees. All members 70 years and over will be Honorary members (no membership dues).

Field Trips Announcement

Currently – no field trips are scheduled. Several field trip sites are being considered in the fall.

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

The January Meeting Presentation

Mike Flannigan will have a 15 minute presentation on a few mines in Idaho.

Taken from "The Mineral Newsletter", printed by The Northern Virginia Mineral Club - Oct. 2016.

Mineral of the Month - Garnet

Spessartine

by Sue Marcus

Lovely spessartine can't seem to keep a name. This member of the garnet family was always known from the Spessart Mountains of Germany, although Martin Klaproth originally named it granatförmiges Braun-steinerz ("granite-shaped manganese ore") in 1797. The name became "manganesian garnet" in 1823 before François Sulpice Beudant, in 1832, bestowed its current name of spessartine, for the original locality.



Spessartine can be found in all major rock types — in metamorphic and igneous rocks as a primary mineral. In sedimentary rocks, it erodes from the other rock types and is deposited in the sediments. As part of the Garnet Group, spessartine shares elements with a spectrum of others in the group, such as pyrope and almandine. All may form gem-quality

materials. A mixture of pyrope and spessartine called Malaya garnet (an unofficial name), from Tanzania and Kenya, is used in jewelry. Malaya garnets occur in unique and rare colors, like pink-

orange, red-orange, and yellow-orange. A different rare hybrid of spessartine and pyrope is reported by gemselect.com. This variant changes color, depending on the light source. The hybrid is not truly pleochroic, because “pleochroic” applies only to doubly refractive minerals and these garnets are singly refractive. China has been a recent source of beautiful spessartine specimens. The bright orange-red spessartine crystals stand out against white albite. The pegmatites of Afghanistan, Brazil, and Pakistan are also significant spessartine producers. An orange variant is found in Madagascar; closer to home, violet-red spessartines come from Colorado and Maine. San Diego County, CA, has been the main spessartine producer in the United States, with an estimated 40,000 to 50,000 carats of faceting-grade rough material mined between 1956 and 1994.



A challenge for collectors is knowing when the garnet you found is spessartine. It is usually impossible to tell without extensive and often expensive analysis. My rule of thumb—and it is no more than that—is to find well-referenced literature on the collecting locality and go with what is given there. That may be the wimpy route—you may have found something new for your locality, though getting it verified as such may be difficult.

Technical details - (source mostly Mindat (2016)):

Chemical formula $\text{Mn}_3^{2+}\text{Al}_2(\text{SiO}_4)_3$ (good luck printing that one!)

Crystal form Isometric

Hardness 6.5–7.5

Density 4.12–4.32 g/cm³ (measured)

Color Usually deep or dark red, to slightly purplish red, brown, less frequently orange

Streak White

Cleavage None

Fracture Subconchoidal
Luster Vitreous

While looking at sources for this article, I noticed that even high-level dealers like John Betts listed many of the garnet specimens as “Almandine-Spessartine,” presumably because it was somewhere along that part of the Garnet Group spectrum. Garnets are relatively easy and fun to find, so happy and safe collecting!



Neocrystals

3 Fantastic Benefits of Citrine Crystal That Will Amaze You

By SMRITI PRAKASH

What is Citrine?

Citrine is a yellow gemstone that, within the French language manner like lemon. Its call is related to the Citrine crystal shade and its stunning yellow colors. Throughout history, the citrine crystal has become known for its several names: The Merchant’s Stone, Gold Topaz, Spanish Topaz, Madeira, and Safranite. In this article, let us explore the Fantastic benefits of Citrine.

The meaning of this crystal is related to its comforting energy that complements non-public will strength-pushed via the energy of the solar. This stone is used for revitalization, creativity, wish, and dreams. It promotes dwelling a full life, new beginnings, the pursuit of your desires, free questioning, happiness, pleasure, know-how, and intelligence.

Citrine crystal is used to take in negative strength from a person and their surrounding region. Wearing citrine crystal is beneficial for enhancing relationships, disposing of terrible strength and terrible feelings, and prosperity, wealth, and abundance preferred.

The 3 Fantastic Benefits of Citrine

Benefits of Citrine For Physical Healing

Physical recuperation homes of Citrine crystal are related to its energy-boosting traits that increase stamina and energy levels and improve intelligence, attention, expertise, self-assurance, and intellectual clarity. It is also useful for stabilizing and balancing hormone manufacturing that is associated with an increase. Citrine improves digestion and nutrient absorption, reduces meals hypersensitive reactions, and improves metabolism.

Wearing this crystal as a bit of jewelry may also have a tremendous effect on improving your nails, pores and skin, hair, sexual power, menopause signs and symptoms, and reproductive organ troubles and infections. The superb strength vibration of this stone can have a positive impact on your existence and proper being.

Benefits of Citrine For Emotional Healing

Emotional recovery homes of the citrine crystal are directed closer to the man or woman wearing it. It promotes self-esteem boosts confidence, individuality, and personal expression. This crystal will help you experience less sensitivity to criticism from other people, and it's going to assist you to increase a great and good mindset. It enhances your concentration levels, revitalizes your thoughts, and assists you in triumphing over phobias, despair, and fear.

Benefits of Citrine for Spiritual Healing

Citrine is considered an excellent crystal that promotes calmness and awareness that includes it. It is exquisite for assisting, brainstorming, expertise in data, and finding solutions. It is recommended to put on rings crafted from Citrine gemstone if you are sensitive to your environment and people's effect. It will deliver light in your thoughts, happiness, and optimism into your life and help you face and overcome difficult conditions.

Chakra Healing by Citrine

Citrine is a thrilling crystal used for balancing the energies of all chakras with the ethereal plane. This stone is used for activating and starting the Solar Plexus chakra and Navel chakra. In addition, it is used nicely for energizing the Root chakra.

Citrine will center and purify your thoughts as an exquisite crystal for meditation. A clearer mind will cause better self-importance and assist you in finding your direction in your lifestyle. To meditate with this crystal, keep it for the duration of meditation and wear it for longer durations of time.

Watch the Video Below and know about Citrine's Benefits

Metaphysical Properties of Citrine

- Citrine aids in aura safety, readability, spiritual imagination and prescient, self-assurance, shield from abuse
- It promotes intellectual readability and self-belief, removes poor power, creativeness, honesty
- Citrine gets rid of poor effects, aligns chakras, and improves private electricity

Citrine is considered one of the maximum flexible gemstones related to the mind and the spirit. Wearing jewelry crafted from this yellow crystal will help you clear up issues, stimulate your reminiscence, building up optimism and self-belief. It will assist you to be greater aware of the matters taking place around you and encourage you to make superb conclusions and act on them.

If you want to know more about what benefits other yellow crystals carry, [click here](#).

How to Use Citrine?

Positive strength launched by Citrine stone is considered a connection between the mind and your will. It will help you overcome your limitations, set with the aid of your mind, and assist you in taking place and conveying into your existence what you prefer. It inspires mental clarity, ignites the flame of ardor, and will help your research.

Wearing jewelry made from Citrine will push back negative thoughts and doubt that you can obtain something. It may be a lot simpler with a purpose to find a solution with the aid of seeing it from any other attitude.

When you choose Citrine bracelets to sit against the pores and skin, there's no barrier, and your body is higher capable of absorbing the recovery crystal's adequate strength.

Place a citrine crystal directly over your root chakra, positioned at the bottom of your backbone or pubic bone area. Your root chakra regulates your physical body, stamina, power, and well-known power levels. Placing Citrine there for a minimum of fifteen minutes will give this chakra and your frame a lift. Citrine is a stunning stone to have around the house as it instantly creates an environment in which you want to live in. If you have got any corners or rooms in your property that seem to have a more down feel than others, Citrine may be the sprint of sunshine you need.

Using Citrine as a Birthstone

Citrine is related to human beings born in June in traditional birthstone listing and the present day with people born in November. Therefore, yellow crystals are considered super for people born with Cancer even as golden colors have to be used by Leos.

Wearing earrings crafted from Citrine crystal will improve happiness and enthusiasm, deliver achievement and improve energy levels. The warm coloration of this stone is associated with the solar and mild.

Quick Look at other Citrine Benefits

1. Citrine is one of the outstanding stones of pearl global. Conveying the impact on the sun isn't simply exceptional and refreshing, yet the energy of it's far with the cease intention that brings favorable good fortune and karma as well. It is a headstone of the innovative mind. It is a stone for brand new beginnings, new pursuits, and pleasure for the duration of everyday existence.
2. Citrine is ready to go. It enhancements persistence and could be very valuable for ongoing weariness situations. It animates absorption, offers digestion, and is truly feasible in wiping out contaminations of the kidney and bladder. It maintains the nail, hair, and skin solid and is also a first-rate remembering professional from the aggravation or sensitivities delivered about via food and artificial gadgets.
3. Citrine enables within the midst of menopause and at regular intervals. It is likewise helpful in morning soreness sickness. The satisfied lively stone is thought to carry satisfaction to everybody's lifestyles. But, on the other hand, it discharges outrage, threatening beliefs, profound feelings of dread, and adverse propensities and is fantastic to conquer gloom.
4. Citrine supports creativeness and self-articulation. It raises self-belief and allows the wearer to push in advance with a bit of luck. It lets you investigate and admire new encounters and offers you the confidence to make the required flow or desire in a given circumstance. It will understand the problem and recover it in a very usual way.
5. Citrine is an exceptional gem for delicate people in opposition to outside energies. The distinctive yellow color of the stone helps to get high-quality energy into one's life. It expands the degree of light encompassing the body and secures the emanation. It is an allure for the underconfident and volatile people throughout their regular lifestyles. Its energy arrives in the center, adjusts the hidden conviction, and favors you with otherworldly and actual plenitude.

6. Citrine recuperates and balances chakra as properly: The first-rate gold yellow energy of Citrine enacts and empowers the solar-based plexus and navel chakra. It likewise invigorates the crown chakra and, in this manner, permits you to react to the arena in a superior way.

7. It chips away at your premonitions, non-direct correspondence, and intuition. It continues you feel outstanding, permits you to comprehend the delights of life, and maintains you completely adaptable to your technique. It is viewed as a stone invigorating inventiveness, insight, pressure, and creative thoughts.

8. Citrine draws in progress: Citrine is referred to as Merchants or Success stone. It's tough enables with gain abundance but similarly allows preserving up with it. It is a stone of wealth. It attracts in adoration bliss and goes about as a safeguard against choice and disdain.

9. It's a strengthening gem for a scientific team of workers, healers, and government officers. It advances professionals in kids and consists of bunches of pleasure and wellness for toddlers. Keep this stone in the abundance corner of your home or the workplace. It is moreover counseled for people who are minimally combative in their temperament.

Final Thoughts

Citrine is a spread of Quartz. Citrine is a fantastic stone with part for re-energizing and revitalizing energy. It purifies your body, comforts the area where there is pressure or blockage, and ends with a comprehensive proposal and power. It is a stone that attracts favorable good fortune and satisfactory luck.

Essentially, Citrine is a collection of Quartz. It is a truthful stone, falling within the type of treasured pearls. The shade of Citrine goes from faded to top-notch yellow, nectar to almost brown at times. One of the main motives why Citrine is such a high-quality crystal and needs to be on your ownership always is because it works on all different tiers of your life. It allows within the spiritual, mental, emotional, and material aspects of one's reality.

SCFMS and USA GEM SHOWS		
Tyson Wells Sell-A-Rama Show – 1/20/2023 Start Date: 01/20/2023 End Date: 01/29/2023 Hours: 9-5 Venue: Tyson Wells Show Grounds Address: I10 & Hwy 95 Quartzsite , AZ 85346 Website: http://www.tysonwells.com/ Types: Rock & Mineral Shows, Jewelry & Lapidary Shows, Bead Shows	Hill Country Gem & Mineral Show – 1/21/2023 Start Date: 01/21/2023 End Date: 01/22/2023 Venue: Lady Bird Johnson Municipal Park Address: 432 Lady Bird Dr San Antonio , TX Types: Rock & Mineral Shows	Hill Country Gem & Mineral Show – 1/21/2023 Start Date: 01/21/2023 End Date: 01/22/2023 Venue: Lady Bird Johnson Municipal Park Address: 432 Lady Bird Dr San Antonio , TX Types: Rock & Mineral Shows
Fredericksburg, TX Lady Bird Johnson Park, Pioneer Pavilion Jan 21-22 Hwy. 16 South; Contact Frank Rowell (325) 248-1067 hcgms20@gmail.com	East Texas Gem & Mineral Show – 1/27/2023 Start Date: 01/27/2023 End Date: 01/29/2023 Hours: Fri 9:00-5:00 Sat 10:00-6:00 Sun 10:00-5:00 Venue: Tyler Rose Garden Center	Tucson Gem and Mineral Show – 02/09/2023 Start Date: 02/09/2023 End Date: 02/12/2023 Hours: Thurs/Fri/Sat 10:00-6:00 Sunday 10:00-4:00 Venue: Tucson Convention Center

Page 9		Jan 2023	STONEY STATEMENTS
fredericksburgrockhounds.org	Address: ETGMS Clubhouse 2015 Deerbrook Drive Tyler, Texas Off of Paluxy Dr. Website: https://www.etgms.org/index.html Types: Rock & Mineral Shows	Address: 260 S Church St Tucson , AZ 85701 Website: http://www.tgms.org/ Types: Rock & Mineral Shows	
Williamson County Gem & Mineral Society Show – 2/18/2023 Start Date: 02/18/2023 End Date: 02/19/2023 Hours: Sat 10:00 - 6:00 Sun 10:00 - 4:00 Venue: San Gabriel Park Address: 445 E Morrow St Georgetown , TX 78628 Website: http://www.facebook.com/WilliamsonCountyGemSociety Types: Rock & Mineral Shows	Gem, Mineral & Jewelry Show – 3/10/2023 Start Date: 03/10/2023 End Date: 03/12/2023 Hours: Fri 10:00-8:00 Sat 10:00-7:00 Sun 10:00-5:00 Venue: KCI Expo Center Address: 11730 NW Ambassador Dr KCI Expo Center Website: http://kcgemshow.org/ Types: Rock & Mineral Shows	Texas Mineral and Fossil Dallas/Plano – 5/19/2023 Start Date: 05/19/2023 End Date: 05/21/2023 Venue: Plano Event Center Address: 2000 E Spring Creek Pkwy Plano , TX 75074 Website: https://www.rmgmpromotions.com/ Types: Rock & Mineral Shows	
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.

2023 OFFICERS:	President	Cynthia McGowan	281-546-2662
	Vice President	David Tjiok	832-423-4802
	Secretary	Christina Rankin	281-723-5408
	Treasurer	Morgan Davies	281-224-2444
	Program Director	VACANT	
	Board of Directors:	Sandra Christiansen	John Caldyne
		Jim Edwards	Jim Hawkins
	Newsletter Editor	Donna Nelson	
		David Tjiok	

Annual Show 2023	Sandra Christiansen	Membership.....	Mike Flannigan
Constitution & Bylaws.....	Jim Hawkins	WWW System Admin..	Mike Flannigan
Community Benefits.....	Charlie Timme	Refreshments.....	James Brittenham
Historian.....	David Tjiok	Education/Field Trips.....	Annabel Brownfield/
Publicity.....	Annabel Brownfield		James Brittenham
Facebook.....	Cynthia McGowan		

Membership Dues Jan. to Dec. 2023: Adult \$15:00, Family Dues \$20.00 (4+) at same address. Send Dues to CLGMS, PO BOX 891533, Houston, TX, 77289